



# Curriculum Overview

## General Courses and Electives

(CTE courses are detailed in a separate catalog)

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**Ignitia offers 43 Career and Technical Education courses.**

These courses are detailed in a separate catalog.

Please ask a Customer Service Representative for a copy if you don't already have one.

**Middle School**

Career Explorations I  
Career Explorations II  
Career Explorations III  
Keyboarding and Applications  
Principles of Coding

**Architecture and Construction**

Introduction to Careers in Architecture and Construction  
Construction Careers

**Arts, A/V Technology and Communications**

Introduction to Careers in Arts, A/V Technology and Communications  
A/V Technology and Film Careers

**Business Management and Administration**

Business Law  
Career Management  
Office 2013 Applications I  
Office 2013 Applications II  
Office Applications I  
Office Applications II  
Small Business Entrepreneurship  
Technology and Business

**Education and Training**

Introduction to Careers in Education and Training  
Teaching and Training Careers

**Finance**

Introduction to Careers in Finance  
Banking Services Careers

**Government and Public Administration**

Introduction to Career in Government and Public Administration  
National Security Careers

**Health Science**

Careers in Allied Health  
Nursing: Unlimited Possibilities and Unlimited Potential

**Human Services**

Introduction to Consumer Services

**Information Technology**

Introduction to Information Technology  
Fundamentals of Computer Systems  
Fundamentals of Digital Media  
Fundamentals of Programming and Software Development  
Introduction to Information Technology Support and Services  
Introduction to Network Systems  
Network System Design  
New Applications: Web Development in the 21st Century  
Software Development Tools

**Manufacturing**

Introduction to Careers in Manufacturing  
Careers in Manufacturing Processes

**Marketing**

Introduction to Careers in Marketing  
Careers in Marketing Research

**STEM (Science, Technology, Engineering and Mathematics)**

Engineering and Design  
Engineering and Innovation  
Engineering and Product Development

**Transportation, Distribution and Logistics**

Introduction to Careers in Transportation, Distribution, and Logistics  
Careers in Logistics Planning and Management Services

# Bible

## Bible 300

Bible 300 begins a developmental and in-depth academic study of the teachings of the Old and New Testaments. It focuses on Christian living, the lives of Jesus and Joseph, Bible study methods, Bible archaeology, friendship, and Christian service. These areas target five content strands: biblical literature, biblical background, Christian growth, Christian evidences, and friendship (a special topic).

### Objectives

- Identify how a Christian lives for God.
- Provide an overview of the life of Jesus.
- Provide an overview of the life of Joseph.
- Explain how a Christian can use the Bible.
- Discuss how God takes care of His children.
- Defend the Bible as the Word of God.
- Understand the nature and role of archaeology as they relate to the Bible.
- Explain the need and role of biblical friendships.
- Discuss how Christians help other people.

Unit 1: You Can Use the Bible		
Bible 300	Assignments	
	1. Course Overview	10. How to Memorize Verses
	2. Why Study the Books of the Bible?	11. Quiz 3
	3. Old Testament	12. Time for the BIBLE
	4. New Testament	13. Quiz 4
	5. Quiz 1	14. Special Project*
	6. Be a Detective	15. Test
	7. Study the Bible	16. Alternate Test*
	8. Quiz 2	17. Reference
	9. Verses of the Bible	

Unit 2: The Life of Jesus Christ		
Bible 300	Assignments	
	1. A True Story	11. Quiz 3
	2. The Angel Visits Mary and Joseph	12. Jesus is the Son of God
	3. Jesus is Born	13. Jesus Died on the Cross
	4. Quiz 1	14. Jesus Lives Again
	5. Jesus as a Boy	15. Quiz 4
	6. Teachers at the Temple	16. Special Project*
	7. Quiz 2	17. Test
	8. Jesus as a Man	18. Alternate Test*
	9. Jesus Shows Us How to Live	19. Reference
	10. Jesus Saves People	

Unit 3: Joseph! What Was God's Plan?		
Bible 300	Assignments	
	1. Meet Joseph	9. A Famine
	2. A Deep, Dark Pit	10. Joseph's Brothers
	3. Traders	11. A Plan
	4. Quiz 1	12. Quiz 3
	5. Life in Egypt	13. Special Project*
	6. Prison	14. Test
	7. Still More Dreams	15. Alternate Test*
	8. Quiz 2	16. Reference
Bible 300	Unit 4: Living for God	
	Assignments	
	1. Abraham Loved God	11. Jamie Learns About Worship
	2. Abraham Obeyed God	12. Quiz 3
	3. Ellen Learns About Loving and Obeying	13. Daniel Served God
	4. Quiz 1	14. Loving and Serving God
	5. Paul and Silas in Jail	15. Bill Makes a Choice
	6. Paul and Silas Praised God	16. Quiz 4
	7. David Praised God	17. Special Project*
	8. Quiz 2	18. Test
	9. Israelites Worshipped the Golden Calf	19. Alternate Test*
	10. Israelites Learn True Worship	20. Reference
Bible 300	Unit 5: God Takes Care of His People	
	Assignments	
	1. God Cares for You	8. God Blessed a Good Man
	2. God Showed that He Cares	9. Quiz 3
	3. Quiz 1	10. Special Project*
	4. God Guides and Protects You	11. Test
	5. God Protected Three Believers	12. Alternate Test*
	6. Quiz 2	13. Reference
	7. God Blesses You	
Bible 300	Unit 6: The Bible Is the Word of God	
	Assignments	
	1. The Writers	10. God's Word Has Promises: Jesus
	2. Putting it all Together	11. More Promises
	3. Quiz 1	12. Ronnie Finds a Shepherd
	4. God's Word is Preserved: Josiah	13. Quiz 4
	5. Treasure in the Trash Can	14. Special Project*
	6. Quiz 2	15. Test
	7. God's Word Changes Lives: Nehemiah	16. Alternate Test*
	8. Project: Rebuilding the Walls	17. Reference
	9. Quiz 3	

Unit 7: Archaeology and the Bible		
Bible 300	Assignments	
	1. Preparing the Hunt	9. Genesis Discoveries
	2. Project: Be an Archaeologist	10. Solomon's Riches and New Testament Places
	3. The Clue of Old Stories	11. Project: Bible Archaeology
	4. Project: Language*	12. Quiz 3
	5. Quiz 1	13. Special Project*
	6. Supporting God's Word	14. Test
	7. Explaining Puzzles	15. Alternate Test*
	8. Quiz 2	16. Reference
Unit 8: God Gave Us the Need for Friends		
Bible 300	Assignments	
	1. We Need Love	10. Others Need Our Friendship
	2. God Gave Commandments About Love	11. God Commands Us to Love Others
	3. Quiz 1	12. Project: Loving Acts
	4. We Need Friendship	13. Quiz 3
	5. Project: Story*	14. Special Project*
	6. Project: Story Ending*	15. Test
	7. Project: Friendship	16. Alternate Test*
	8. True Friendship	17. Reference
	9. Quiz 2	
Unit 9: God Wants Man to Help Man		
Bible 300	Assignments	
	1. Who am I to Care For?	8. God will Care for Me
	2. How Should I Treat Others?	9. Quiz 3
	3. Quiz 1	10. Special Project*
	4. Why Should I Serve Others?	11. Test
	5. God Loves Others Through Me	12. Alternate Test*
	6. Quiz 2	13. Reference
	7. Who will Care for Me?	
Unit 10: Review		
Bible 300	Assignments	
	1. The Word of God	10. The Children of God
	2. The Written Word	11. Project: Write a Psalm
	3. Writers of the Word	12. Members of God's Family
	4. Quiz 1	13. Quiz 3
	5. Son of God Makes the Word Known	14. Special Project*
	6. Life of Jesus	15. Test
	7. Project: Story of Jesus	16. Alternate Test*
	8. Death and Resurrection	17. Reference
	9. Quiz 2	



## Bible 400

Bible 400 provides a developmental and in-depth academic study of the teachings of the Old and New Testaments. It focuses on the lives of Peter and Paul (also known as Saul), the existence and knowledge of God, Bible study methods, Psalm 23, Old Testament geography, and Christian witnessing. These areas target five content strands: theology, the attributes of God, biblical literature, biblical background, and Christian evidences.

### Objectives

- Understand the nature and benefits of the knowledge of God.
- Describe the lives and ministries of the apostles Peter and Paul.
- Learn and memorize the Bible more effectively.
- Explain the design and message of Psalm 23.
- Provide evidences for the existence of God.
- Demonstrate an understanding of Old Testament geography.
- Witness for Christ with more knowledge and effectiveness.

Unit 1: How Can I Live for God?		
Bible 400	Assignments	
	1. Course Overview	10. Project: Morse Code*
	2. How Peter Lived for God: Peter Found Jesus	11. Grow and Be Fruitful
	3. Peter Followed Jesus	12. Project: Prayers for Others*
	4. Project: Dear Hali	13. Quiz 2
	5. Project: Book Report*	14. Special Project*
	6. Peter Fished for Men and Fed Sheep	15. Test
	7. Project: Jerusalem Journal	16. Alternate Test*
	8. Quiz 1	17. Reference
	9. How I Can Live for God: God's Family	
Unit 2: God's Knowledge		
Bible 400	Assignments	
	1. Evidence of God's Knowledge: Creation	12. Project: Story*
	2. Evidence of God's Knowledge: Love	13. Quiz 3
	3. Quiz 1	14. Use of God's Knowledge: Desire the Best Knowledge
	4. Instruction of God's Knowledge: Bible	15. The Use of God's Knowledge: Seek God When You Are Young
	5. Instruction of God's Knowledge: Jesus and the Holy Spirit	16. Quiz 4
	6. Instruction of God's Knowledge: Prayer	17. Special Project*
	7. Project: Prayer	18. Test
	8. Instruction: Christian Living	19. Alternate Test*
	9. Quiz 2	20. Reference
	10. The Benefits of God's Knowledge: Salvation	
	11. The Benefits of God's Knowledge: Daily Living	

Unit 3: Saul Begins to Live for God		
Bible 400	Assignments	
	1. Saul's Background	8. God Uses Saul: To Preach
	2. Persecution: In Jerusalem	9. Paul Learns
	3. Persecution: Saul Travels to Damascus	10. Quiz 3
	4. Quiz 1	11. Special Project*
	5. God Changes Saul's Life	12. Test
	6. Project: Saul	13. Alternate Test*
	7. Quiz 2	14. Reference

Unit 4: The Bible and Me		
Bible 400	Assignments	
	1. Studying the Bible: Reading	10. Living the Bible Way: Being Friends
	2. Project: Bible Reading*	11. Project: Proverbs*
	3. Studying the Bible: Learning	12. Living the Bible Way: Gaining Wisdom
	4. Project: Commands	13. Living the Bible Way: Telling the Truth
	5. Studying the Bible: Thinking	14. Quiz 3
	6. Quiz 1	15. Special Project*
	7. Memorizing the Bible	16. Test
	8. Quiz 2	17. Alternate Test*
	9. Living the Bible Way: Obeying Parents	18. Reference

Unit 5: God Cares for Us		
Bible 400	Assignments	
	1. David the Shepherd	10. Quiz 2
	2. God Cares for David	11. Daniel the Helper
	3. Quiz 1	12. God Cares for Daniel
	4. Psalm 23: Jesus Chooses and Leads His Sheep	13. Quiz 3
	5. Psalm 23: Jesus Feeds His Sheep	14. Memory Verse Quiz
	6. Psalm 23: Jesus Guides His Sheep	15. Special Project*
	7. Psalm 23: Jesus Protects His Sheep	16. Test
	8. Psalm 23: Jesus Loves/Welcomes His Sheep	17. Alternate Test*
	9. Project: My Psalm	18. Reference

Unit 6: How Can I Know God Exists?		
Bible 400	Assignments	
	1. God's Plan for People	9. Man and Religion
	2. The Jewish Savior	10. God and Man
	3. Project: Note to Jesus	11. Project: Books of The Bible
	4. Quiz 1	12. Quiz 3
	5. Man's Search for God: Thomas Aquinas	13. Special Project*
	6. Science and The Bible: The Earth	14. Test
	7. Science and The Bible: Your Body	15. Alternate Test*
	8. Quiz 2	16. Reference

Unit 7: Geography of the Old Testament		
Bible 400	Assignments	
	1. Bible Lands	10. Abraham's Descendants: Isaac and Jacob
	2. Fertile Crescent	11. Abraham's Descendants: Joseph
	3. Surface of the Land	12. The Land of Goshen
	4. Project: Animals in the Bible*	13. Wilderness and the Promised Land
	5. Project: Plants in the Bible*	14. Quiz 2
	6. Quiz 1	15. Special Project*
	7. Old Testament Men and Bible Lands	16. Test
	8. Famine	17. Alternate Test*
	9. Products of the Land	18. Reference
Unit 8: God-Given Worth		
Bible 400	Assignments	
	1. Who Am I?	9. Quiz 2
	2. Project: Fable	10. How Does God Want Me to See Myself?
	3. Am I Worthy?	11. Knowing that God Helps Me
	4. Quiz 1	12. Quiz 3
	5. God Is My Creator and My Father	13. Special Project*
	6. Wonderfully Taken Care of	14. Test
	7. Wonderfully Adopted	15. Alternate Test*
	8. Savior, Jesus	16. Reference
UNIT 9: WITNESSING FOR JESUS		
Bible 400	Assignments	
	1. A Living Witness	11. Project: Susie Reaches Out*
	2. Living a New Life	12. Knowing Who Jesus Is
	3. Loving Others	13. Following Paul's Example
	4. Project: The Samaritan Shows Love	14. Using Personal Testimony
	5. Project: How I Can Show Love*	15. Project: Witnessing Practice
	6. Following Jesus	16. Quiz 2
	7. Showing Kindness to All	17. Special Project*
	8. Quiz 1	18. Test
	9. A Telling Witness	19. Alternate Test*
	10. Reaching People	20. Reference
Unit 10: God's Way Is Perfect		
Bible 400	Assignments	
	1. Learning God's Way	10. Quiz 2
	2. Studying the Bible	11. Loving God's Way
	3. Memorizing the Bible	12. Reaching Others
	4. Examining Science	13. Quiz 3
	5. Understanding Geography	14. Memory Verse Quiz
	6. Quiz 1	15. Special Project*
	7. Living God's Way	16. Test
	8. Walking in the Spirit	17. Alternate Test*
	9. Trusting in God	18. Reference

## Bible 500

Bible 500 provides a developmental and in-depth academic study of the teachings of the Old and New Testaments. It focuses on biographies of faithful people, angels, the presence of God, Bible study methods, the Christian's relationships, and Paul's missionary journeys. These areas target five content strands: theology, the attributes of God, biblical literature, biblical background, and Christian evidences.

### Objectives

- Follow the examples of godly Christians.
- Understand the nature and ministry of angels.
- Appreciate the presence of God everywhere and in their lives.
- Distinguish between the different types of literature in the Bible.
- Discuss biblical proofs for what Christians believe.
- Identify key people, places, and events in Paul's missionary journeys.
- Understand the different ways that God is a judge.
- Explain the role of law and authority in God's world.

Unit 1: How Others Lived For God		
Bible 500	Assignments	
	1. Course Overview	12. Quiz 2
	2. Believers in God	13. Noah and Ruth
	3. Abraham, Man of Faith	14. Overview: Noah and Ruth*
	4. Overview: Abraham	15. Hannah, Jonah, and Peter
	5. Quiz 1	16. Overview: Hannah, Jonah, Peter*
	6. Paul, More than a Conqueror	17. Great Cloud of Witnesses
	7. Overview: Paul*	18. Quiz 3
	8. David, A Man After God's Heart	19. Special Project*
	9. Overview: David	20. Test
	10. John, Apostle of Love	21. Alternate Test*
	11. Overview: John*	22. Reference
Unit 2: Angels		
Bible 500	Assignments	
	1. Angels are Real	9. Angels During Jesus' Ministry
	2. Kinds of Angels	10. Angels at the End of Jesus' Earthly Ministry
	3. Quiz 1	11. Quiz 3
	4. Speaking to God's Children	12. Special Project*
	5. Protecting God's Children	13. Test
	6. Guiding and Caring for God's Children	14. Alternate Test*
	7. Quiz 2	15. Reference
	8. Angels at Jesus' Birth and Early Life	

Unit 3: The Presence of God		
Bible 500	Assignments	
	1. God Is Present Everywhere	10. Quiz 2
	2. God Is Present Everywhere as a Person	11. In My Life: Communicates and Saves
	3. Activity: Problem Solving*	12. In My Life: Helps and Provides
	4. Quiz 1	13. Project: The Main Idea
	5. In the Lives of Adam, Eve, Israel, Joshua, Gideon	14. Quiz 3
	6. In the Lives of Hebrews in Babylon, Disciples, Believers	15. Special Project*
	7. In the Lives of David Brainerd and David Livingstone	16. Test
	8. In the Life of Gladys Aylward	17. Alternate Test*
	9. Activity: Write a Story*	18. Reference
Unit 4: Bible Methods and Structure		
Bible 500	Assignments	
	1. The Bible: One Book	10. The Life of Jesus Christ
	2. The Bible: Many Parts	11. Followers of Jesus
	3. Report: History of the Bible	12. Epistles
	4. Quiz 1	13. Quiz 3
	5. The Old Testament: Books of History	14. Special Project*
	6. Books of Poetry	15. Test
	7. Books of Prophecy/ Intro to New Testament	16. Alternate Test*
	8. Quiz 2	17. Reference
	9. The New Testament: Introduction	
Unit 5: The Christian in the World		
Bible 500	Assignments	
	1. At Home: Hearing and Obeying	9. At Work: Relationships
	2. At Home: Correction	10. At Work: Good Attitudes
	3. Quiz 1	11. At Work: Bad Attitudes
	4. At School: Relationships	12. Quiz 3
	5. At School: Good Attitudes	13. Special Project*
	6. Activity: The Gossip Game*	14. Test
	7. At School: Good and Bad Attitudes	15. Alternate Test*
	8. Quiz 2	16. Reference
Unit 6: Proving What We Believe		
Bible 500	Assignments	
	1. The Bible Is God's Word: Biblical Evidence	9. Evidence from Eyewitnesses
	2. Evidence from History	10. Evidence from Christian Experience
	3. Evidence from Human Experience	11. Project: What I Believe
	4. Quiz 1	12. Quiz 3
	5. The World Was Created: Physical Science	13. Special Project*
	6. Evidence from Life Science	14. Test
	7. Quiz 2	15. Alternate Test*
	8. Christ Arose: Prophecy Fulfilled	16. Reference

Unit 7: Paul's Missionary Journeys		
Bible 500	Assignments	
	1. Paul's Preparation: Background	10. Report: Disagreements*
	2. Relation to Judaism	11. Quiz 2
	3. Conversion, Early Training, and Ministry	12. Paul's Third Missionary Journey
	4. Barnabas	13. Paul's Last Years and Message
	5. Quiz 1	14. Quiz 3
	6. Paul's First Missionary Journey	15. Special Project*
	7. Iconium/Lystra/Derbe/Jerusalem Council	16. Test
	8. Paul's Second Missionary Journey	17. Alternate Test*
	9. Philippi/Berea/Athens/Corinth	18. Reference
Unit 8: God Created Man for Eternity		
Bible 500	Assignments	
	1. Preparing for Eternity	9. Rewards in Heaven
	2. Project: Eternity	10. Quiz 2
	3. Report: Sanhedrin*	11. The Great White Throne Judgment
	4. Growing in Christ	12. Quiz 3
	5. Blessings on Earth	13. Special Project*
	6. Quiz 1	14. Test
	7. Christ Is our Judge	15. Alternate Test*
	8. The Judgment of the Christian	16. Reference
Unit 9: Authority and Law		
Bible 500	Assignments	
	1. God: The Source of All Authority	10. Activity: Life Without Government
	2. Jesus Is the Model of Obedience	11. Types of Government
	3. The Holy Spirit Is the Guide	12. Living with Governmental Law and Authority
	4. Quiz 1	13. Quiz 3
	5. Authority in the Family	14. Special Project*
	6. Report: Delegated Authority	15. Test
	7. Living Governed by Family Authority	16. Alternate Test*
	8. Quiz 2	17. Reference
	9. Government: Agency of Authority and Law	
Unit 10: Review		
Bible 500	Assignments	
	1. The Presence of God	11. Quiz 3
	2. Angels	12. Order of God's Authority
	3. Activity: Angel Story*	13. Areas of Our World
	4. Quiz 1	14. Outcome of Our Lives
	5. Understanding God's Word: Bible Structure	15. Quiz 4
	6. Bible Truth	16. Special Project*
	7. Quiz 2	17. Test
	8. Living for God: Faithfulness	18. Alternate Test*
	9. Obedience	19. Reference
	10. Loving Service	

## Bible 600

Bible 600 provides a developmental and in-depth academic study of the teachings of the Old and New Testaments. It focuses on a brief survey of the Old and New Testaments, with special emphasis upon the key people, places, and events from the book of Genesis to the book of Revelation. These areas target three content strands: theology, biblical literature, and biblical background.

### Objectives

- Present an overview of the biblical story from Genesis to Revelation.
- Identify key people, places, and events in the Old and New Testaments.
- Discuss the primary eras in the history of Israel and the Church.
- Appreciate the importance of Israel and the Kingdom in the Old Testament.
- Appreciate the importance of the Church in the New Testament.
- Demonstrate the influence of the Old Testament in the New Testament.
- Explain important themes and teachings throughout the Bible.

Unit 1: From Creation to Moses	
Assignments	
Bible 600	1. Course Overview
	2. Creation
	3. From the First Family to the Flood
	4. Quiz 1: Creation to the Flood
	5. Alternate Quiz 1—Form A: Creation to the Flood*
	6. Alternate Quiz 1—Form B: Creation to the Flood*
	7. Abraham and His Descendants
	8. Abram, Sarai, and Isaac
	9. Descendants of Abraham
	10. Joseph
	11. Activity: Joseph in Egypt
	12. Quiz 2: Abraham to Joseph
	13. Alternate Quiz 2—Form A: Abraham to Joseph*
	14. Alternate Quiz 2—Form B: Abraham to Joseph*
	15. Moses and the Law
	16. Activity: Ten Commandments
	17. Remaining Books of the Law
	18. Quiz 3: Moses
	19. Alternate Quiz 3—Form A: Moses*
	20. Alternate Quiz 3—Form B: Moses*
	21. Review
	22. Special Project*
	23. Test
	24. Alternate Test—Form A*
	25. Alternate Test—Form B*
	26. Glossary and Credits

  

Unit 2: From Joshua to Ruth	
Assignments	
Bible 600	1. Conquest of the Land
	2. Activity: Conquest of Jericho
	3. Division of the Land/Death of Joshua
	4. Quiz 1: The Promised Land
	5. Alternate Quiz 1—Form A: The Promised Land*
	6. Alternate Quiz 1—Form B: The Promised Land*
	7. Judges: From Othneil to Shamgar
	8. Judges: From Deborah to Samson
	9. Quiz 2: Judges
	10. Alternate Quiz 2—Form A: Judges*
	11. Alternate Quiz 2—Form B: Judges*
	12. Three Women
	13. The Story of Ruth
	14. Quiz 3: God's Perfect Plan
	15. Alternate Quiz 3—Form A: God's Perfect Plan*
	16. Alternate Quiz 3—Form B: God's Perfect Plan*
	17. Review
	18. Special Project*
	19. Test
	20. Alternate Test—Form A*
	21. Alternate Test—Form B*
	22. Glossary and Credits

Unit 3: The Kingdom of Israel		
Bible 600	Assignments	
	1. The Books and Ministry of Samuel	13. Alternate Quiz 2—Form A: Solomon*
	2. The Reign of Saul	14. Alternate Quiz 2—Form B: Solomon*
	3. Project: Saul Becomes King	15. Job
	4. The Reign of David	16. Psalms and Proverbs
	5. Quiz 1: Samuel, Saul, and David	17. Ecclesiastes and the Song of Solomon
	6. Alternate Quiz 1—Form A: Samuel, Saul, and David*	18. Quiz 3: Wisdom Books
	7. Alternate Quiz 1—Form B: Samuel, Saul, and David*	19. Alternate Quiz 3—Form A: Wisdom Books*
	8. The Reign of Solomon	20. Alternate Quiz 3—Form B: Wisdom Books*
	9. The Temple	21. Review
	10. Report: Solomon's Rise*	22. Special Project*
	11. Project: Bible Paragraph	23. Test
	12. Quiz 2: Solomon	24. Alternate Test—Form A*
		25. Alternate Test—Form B*
		26. Glossary and Credits

Unit 4: The Divided Kingdom		
Bible 600	Assignments	
	1. From Division to the Assyrian Captivity	15. From Manasseh to Josiah
	2. From Ahab to Jehu (Part 1)	16. The Prophets of the Remaining Kingdom
	3. Project: Elijah's Servant	17. Quiz 3: The Remaining Kingdom
	4. From Ahab to Jehu (Part 2)	18. Alternate Quiz 3—Form A: The Remaining Kingdom*
	5. From Jehu to the Assyrian Captivity	19. Alternate Quiz 3—Form B: The Remaining Kingdom*
	6. Quiz 1: Division and Captivity	20. Review
	7. Alternate Quiz 1—Form A: Division and Captivity*	21. Special Project*
	8. Alternate Quiz 1—Form B: Division and Captivity*	22. Test
	9. Before the Assyrian Captivity: Judah	23. Alternate Test—Form A*
	10. Before the Assyrian Captivity: Israel	24. Alternate Test—Form B*
	11. Quiz 2: Judah and Israel	25. Glossary and Credits
	12. Alternate Quiz 2—Form A: Judah and Israel*	
	13. Alternate Quiz 2—Form B: Judah and Israel*	
	14. The Remaining Kingdom	

Unit 5: Captivity and Restoration		
Bible 600	Assignments	
	1. Jeremiah	14. The Prophets of the Restoration
	2. Ezekiel	15. The Old Testament Reviewed
	3. Daniel	16. The Kingdom of Israel
	4. Project: Writing on the Wall	17. Quiz 3: Restoration
	5. Quiz 1: Jeremiah to Daniel	18. Alternate Quiz 3—Form A: Restoration*
	6. Alternate Quiz 1—Form A: Jeremiah to Daniel*	19. Alternate Quiz 3—Form B: Restoration*
	7. Alternate Quiz 1—Form B: Jeremiah to Daniel*	20. Quiz: Books of the Old Testament
	8. The First Return from Exile	21. Review
	9. Jews Preservation/Second Return from Exile	22. Special Project*
	10. The Third Return from Exile	23. Test
	11. Quiz 2: Years of Exile	24. Alternate Test—Form A*
	12. Alternate Quiz 2—Form A: Years of Exile*	25. Alternate Test—Form B*
	13. Alternate Quiz 2—Form B: Years of Exile*	26. Glossary and Credits

Unit 6: The Life of Jesus		
Bible 600	Assignments	
	1. History	18. The Rich Young Ruler and the Tax Collector
	2. Birth and Childhood	19. Project: Rich Young Ruler*



Bible 600	3.	Quiz 1: The Early Years	20.	Essay: Zacchaeus
	4.	Alternate Quiz 1—Form A: The Early Years*	21.	Quiz 3: Parables of Jesus
	5.	Alternate Quiz 1—Form B: The Early Years*	22.	Alternate Quiz 3—Form A: Parables of Jesus*
	6.	John the Baptist and Jesus' Baptism	23.	Alternate Quiz 3—Form B: Parables of Jesus*
	7.	Temptation and Ministry	24.	Triumphal Entry and Agony in the Garden
	8.	Rejection and Healings	25.	Arrest, Trial, Death, and Resurrection
	9.	Teaching and Miracles	26.	Quiz 4: He Lives
	10.	Project: Salvation*	27.	Alternate Quiz 4—Form A: He Lives*
	11.	Project: Baptism*	28.	Alternate Quiz 4—Form B: He Lives*
	12.	Quiz 2: Ministry Beginnings	29.	Review
	13.	Alternate Quiz 2—Form A: Ministry Beginnings*	30.	Special Project*
	14.	Alternate Quiz 2—Form B: Ministry Beginnings*	31.	Test
	15.	Rejection and Feeding Five Thousand	32.	Alternate Test—Form A*
	16.	The Transfiguration and the Good Samaritan	33.	Alternate Test—Form B*
	17.	The Lost Sheep and the Prodigal Son	34.	Glossary and Credits

Unit 7: The Followers of Jesus				
Bible 600	Assignments			
	1.	Twelve Disciples: Peter	14.	Pentecost
	2.	Project: Walking on Water	15.	The Lame Man
	3.	Twelve Disciples: James and John	16.	Stephen
	4.	Twelve Disciples: The Other Nine	17.	Quiz 3: The Early Church
	5.	Quiz 1: The Disciples	18.	Alternate Quiz 2—Form A: The Early Church*
	6.	Alternate Quiz 1—Form A: The Disciples*	19.	Alternate Quiz 2—Form B: The Early Church*
	7.	Alternate Quiz 1—Form B: The Disciples*	20.	Review
	8.	Three Friends	21.	Special Project*
	9.	Four Miracles	22.	Test
	10.	One Message	23.	Alternate Test—Form A*
	11.	Quiz 2: The Message	24.	Alternate Test—Form B*
	12.	Alternate Quiz 2—Form A: The Message*	25.	Glossary and Credits
	13.	Alternate Quiz 2—Form B: The Message*		

Unit 8: The Apostle Paul				
Bible 600	Assignments			
	1.	Paul's Conversion	14.	Alternate Quiz 2—Form B: God's Missionary*
	2.	Zeal and Experience	15.	Thessalonians and Corinthians
	3.	Project: Road to Damascus*	16.	Galatians, Romans, and other Pauline Letters
	4.	Quiz 1: Paul	17.	Essay: Christianity at Home
	5.	Alternate Quiz 1—Form A: Paul*	18.	Quiz 3: Letters
	6.	Alternate Quiz 1—Form B: Paul*	19.	Alternate Quiz 3—Form A: Letters*
	7.	First Missionary Journey	20.	Alternate Quiz 3—Form B: Letters*
	8.	Essay: Paul's Attitude*	21.	Review
	9.	Second Missionary Journey	22.	Special Project*
	10.	Third Missionary Journey	23.	Test
	11.	Essay: Preparation*	24.	Alternate Test—Form A*
	12.	Quiz 2: God's Missionary	25.	Alternate Test—Form B*
	13.	Alternate Quiz 2—Form A: God's Missionary*	26.	Glossary and Credits

Unit 9: Hebrews and General Epistles				
Bible 600	Assignments			
	1.	Hebrews	12.	First John
	2.	Faith	13.	Second and Third John, and Jude
	3.	Quiz 1: Hebrews	14.	Essay: Diotrephes
	4.	Alternate Quiz 1—Form A: Hebrews*	15.	Quiz 3: Letters of John
	5.	Alternate Quiz 1—Form B: Hebrews*	16.	Alternate Quiz 3—Form A: Letters of John*
	6.	General Epistles: James	17.	Alternate Quiz 3—Form B: Letters of John*
	7.	First and Second Peter	18.	Review

	8. Essay: Spiritual Growth	19. Special Project*
	9. Quiz 2: Letters of James and Peter	20. Test
	10. Alternate Quiz 2—Form A: Letters of James and Peter*	21. Alternate Test—Form A*
	11. Alternate Quiz 2—Form B: Letters of James and Peter*	22. Alternate Test—Form B*
		23. Glossary and Credits

Unit 10: Revelation and Review		
Assignments		
Bible 600	1. Revelation	14. Followers of Jesus
	2. The Seven Churches and End Time Events	15. Essay: Nicodemus
	3. Project: Time with John	16. Apostle Paul
	4. Quiz 1: Revelation	17. Quiz 3: Jesus and Paul
	5. Alternate Quiz 1—Form A: Revelation*	18. Alternate Quiz 3—Form A: Jesus and Paul*
	6. Alternate Quiz 1—Form B: Revelation*	19. Alternate Quiz 3—Form B: Jesus and Paul*
	7. Creation to Moses	20. Books of the New Testament Quiz
	8. Joshua, Samuel, and the Kingdom of Israel	21. Review
	9. Divided Kingdom, Captivity, and Restoration	22. Special Project*
	10. Quiz 2: Creation to Restoration	23. Test
	11. Alternate Quiz 2—Form A: Creation to Restoration*	24. Alternate Test—Form A*
	12. Alternate Quiz 2—Form B: Creation to Restoration*	25. Alternate Test—Form B*
	13. Life of Jesus	26. Glossary and Credits

## Bible 700

Bible 700 provides a developmental and in-depth academic study of the teachings of the Old and New Testaments. It focuses on worship, mankind, the attributes of God, prophecies about Christ, the living of balanced lives, and the book of Psalms. Special emphasis is given to the life of Christ from His pre-existence and birth to His resurrection and ascension. These areas target five content strands: theology, the attributes of God, biblical literature, Christian growth, and the life of Christ (a special topic).

### Objectives

- Understand the design and practice of Christian worship.
- Describe the nature and purpose of humanity.
- Explain some of the moral attributes of God.
- Follow the biblical presentation of Jesus as the Messiah.
- Identify the characteristics of a balanced Christian life.
- Demonstrate an understanding of the history and design of the book of Psalms.
- Present the primary events in the life of Christ.

Unit 1: Worship		
Bible 700	Assignments	
	1. Course Overview	9. Quiz 2
	2. The Meaning of Worship	10. Hypocritical Worship
	3. The Object of Worship	11. Sacrilegious vs True Worship
	4. The Reasons for Worship	12. Quiz 3
	5. Quiz 1	13. Special Project*
	6. Worship in Old Testament Times	14. Test
	7. Essay: Feasts Fulfilled in Christ	15. Alternate Test*
	8. Worship in New Testament Times	16. Reference
Unit 2: Mankind		
Bible 700	Assignments	
	1. Creation of Mankind	8. Quiz 3
	2. The Original Nature of Mankind	9. The Mission of Mankind
	3. Quiz 1	10. Quiz 4
	4. The Fall of Mankind	11. Special Project*
	5. Quiz 2	12. Test
	6. The Method of Salvation	13. Alternate Test*
	7. The Result of Salvation	14. Reference
Unit 3: Attributes of God		
Bible 700	Assignments	
	1. Love	7. Quiz 3
	2. Quiz 1	8. Special Project*
	3. Mercy: Divine Choice	9. Test
	4. Mercy: Divine Provision	10. Alternate Test*
	5. Quiz 2	11. Reference
	6. Grace	

Unit 4: Christian Evidences		
Bible 700	Assignments	
	1. The Method of the First Advent	7. Quiz 2
	2. The Purpose of the First Advent	8. Special Project*
	3. Quiz 1	9. Test
	4. The Offices of the Messiah Foretold	10. Alternate Test*
	5. Offices of the Messiah Fulfilled	11. Reference
	6. Essay: Prophecy	

Unit 5: New Life in Christ		
Bible 700	Assignments	
	1. Life Before and After Christ	8. The Life of Grace
	2. Christ Brings New Life	9. Project: The Fruit of the Spirit
	3. Quiz 1	10. Quiz 3
	4. Growing in Christ: God's Desire	11. Special Project*
	5. Obstacles to Growth	12. Test
	6. Quiz 2	13. Alternate Test*
	7. Life in the Spirit: Transformation	14. Reference

Unit 6: The Psalms		
Bible 700	Assignments	
	1. The Psalms	10. Psalm 100: Background
	2. The History of the Psalms	11. Poetry of Psalm 100
	3. The Types of Psalms	12. Meaning of Psalm 100
	4. The Use of the Psalms	13. Quiz 3
	5. Quiz 1	14. Special Project*
	6. Hebrew Poetry: Variations	15. Test
	7. Forms of Hebrew Poetry	16. Alternate Test*
	8. Patterns of Hebrew Poetry	17. Reference
	9. Quiz 2 (bib07u062q.xml)	

Unit 7: Life of Christ - Part 1		
Bible 700	Assignments	
	1. The Pre-existence of Christ	11. Jesus and the Woman at the Well
	2. The Birth of Christ	12. Quiz 3
	3. The Youth of Christ	13. Early Galilean Ministry: Miracles
	4. Quiz 1	14. Early Galilean Ministry: Controversies
	5. The Baptism of Jesus	15. Early Galilean Ministry: Sermons
	6. The Temptations of Jesus	16. Quiz 4
	7. The Disciples of Christ	17. Special Project*
	8. Quiz 2	18. Test
	9. Jesus' Cleansing of the Temple	19. Alternate Test*
	10. Jesus' Conversation with Nicodemus	20. Reference

Unit 8: Life of Christ - Part 2		
Bible 700	Assignments	
	1. Public Ministry in Galilee: Miracles	9. Public Ministry in Judea and Perea
	2. Miracles II	10. Project: Opposition to Faith
	3. Parables	11. Perean Ministry
	4. Quiz 1	12. Quiz 3
	5. Private Ministry in Galilee	13. Special Project*
	6. The Lord's Provision	14. Test
	7. The Transfiguration	15. Alternate Test*
	8. Quiz 2	16. Reference
Unit 9: Life of Christ - Part 3		
Bible 700	Assignments	
	1. Jesus' Final Ministry in Jerusalem	9. Jesus' Resurrection and Ascension
	2. Jesus' Private Ministry in Jerusalem	10. The Appearances
	3. The Last Supper	11. The Ascension
	4. Quiz 1	12. Quiz 3
	5. Jesus' Sufferings and Crucifixion	13. Special Project*
	6. Trials: Sanhedrin, Pilate, Herod	14. Test
	7. Crucifixion, Death, and Burial	15. Alternate Test*
	8. Quiz 2	16. Reference
Unit 10: God's Plan in Christ		
Bible 700	Assignments	
	1. God and His Attributes	11. Unique in His Death and Resurrection
	2. The Plan of God	12. Quiz 3
	3. Quiz 1	13. Man's Response to God
	4. Man's History: Life Before Christ	14. Maturing in the Lord
	5. Human Life After the Fall	15. Quiz 4
	6. Human Life After Christ	16. Memory Verse Quiz (All Units)
	7. Quiz 2	17. Special Project*
	8. Jesus Christ Fulfills God's Plan	18. Test
	9. The Life of Christ: His Birth	19. Alternate Test*
	10. Unique in His Ministry	20. Reference

## Bible 800

Bible 800 provides a developmental and in-depth academic study of the teachings of the Old and New Testaments. It focuses on prayer, salvation, the attributes of God, the book of Proverbs, and interpersonal relationships. Special emphasis is given to a survey of Church history from the early Church through the Reformation. These areas target five content strands: theology, the attributes of God, biblical literature, Christian growth, and Church history (a special topic).

### Objectives

- Understand the nature and use of prayer.
- Explain the relationship of sin and salvation in the Gospel message.
- Describe various attributes that belong to God.
- Identify key people, places, and events in Church history.
- Describe the deterioration of the Church in the Middle Ages.
- Pursue biblical truths in the development of relationships.
- Explain the relationship between parents and children.

Unit 1: Prayer	
Bible 800	Assignments
	1. Course Overview
	2. Christ's Model Prayer
	3. The Lord's Prayer: Invocation; First to Fourth Petitions
	4. The Lord's Prayer: Fifth Petition to Conclusion
	5. The Purpose of Christ's Model Prayer; Benefits of Prayer
	6. Quiz 1
	7. The Early History of Prayer
	8. A Prayerful Response: From Faith to Confession
	9. A Prayerful Response: From Adoration to Surrender
Bible 800	10. The Request in Prayer
	11. Unanswered Requests; Effectiveness in Prayer
	12. Quiz 2
	13. Special Project*
	14. Test
	15. Alternate Test*
	16. Reference
Unit 2: Sin and Salvation	
Bible 800	Assignments
	1. The Nature of Sin
	2. The Universality of Sin
	3. Quiz 1
	4. The Nature of Salvation
	5. The Process of Salvation
	6. Quiz 2
	7. The Results of Salvation: Forgiveness
	8. The Results of Salvation: Growth in Grace
	9. Assurance of Salvation
	10. Quiz 3
Bible 800	11. Special Project*
	12. Test
	13. Alternate Test*
	14. Reference

Unit 3: Attributes of God		
Bible 800	Assignments	
	1. Justice as God's Nature	9. Quiz 3
	2. Justice: An Expression of God	10. Love: A Godly Characteristic
	3. Quiz 1	11. Love: A Christian Virtue
	4. Immutability: Divine Perfection	12. Quiz 4
	5. Immutability: A Solid Foundation	13. Special Project*
	6. Quiz 2	14. Test
	7. God's Eternality	15. Alternate Test*
	8. God's Eternality in the Bible	16. Reference

Unit 4: Early Church Leaders		
Bible 800	Assignments	
	1. The Age of the Apostles	9. Men of the Reformation
	2. The Age of the Church Fathers	10. Places of the Reformation
	3. The Age of the Apologists	11. Quiz 3
	4. The Age of the Theologians	12. Special Project*
	5. Quiz 1	13. Test
	6. The Spread of the Roman Church	14. Alternate Test*
	7. Division and Renaissance	15. Reference
	8. Quiz 2	

Unit 5: Early Church History		
Bible 800	Assignments	
	1. The Roman Setting (1)	11. The Martyrdom of Stephen
	2. The Roman Setting (2)	12. The Period of Transition
	3. Jewish Background (1)	13. Two Important Conversions
	4. Jewish Background (2)	14. New Churches
	5. Report: Religious Leaders	15. Quiz 2
	6. Quiz 1	16. Memory Verse Quiz (Units 1-5)
	7. Christianity's Beginnings: Ministry of Jesus	17. Special Project*
	8. The Pentecost Experience	18. Test
	9. The Church at Jerusalem	19. Alternate Test*
	10. The Beginning of Opposition	20. Reference

Unit 6: The Early Churches		
Bible 800	Assignments	
	1. The Early Missionary Journeys	11. Persecuted Churches
	2. The First Missionary Journey	12. Apostate Churches
	3. Jerusalem Conference	13. Churches United in Christ
	4. The Second Missionary Journey	14. Report: The Early Church
	5. Quiz 1	15. Quiz 3
	6. The Third Missionary Journey	16. Special Project*
	7. Final Journey to Jerusalem	17. Test
	8. Quiz 2	18. Alternate Test*
	9. The Ephesian Church	19. Reference
	10. The Cretan Church	

Unit 7: The Book of Proverbs		
Bible 800	Assignments	
	1. The Literary Design of Proverbs	9. The Themes of Proverbs
	2. Parallelism in Proverbs	10. Repetitions in Proverbs

	3. The Outline of Proverbs	11. Studying Themes in Proverbs
	4. Purposes of Proverbs	12. Quiz 3
	5. Quiz 1	13. Special Project*
	6. The New Testament and Proverbs	14. Test
	7. Proverbs in Two Epistles	15. Alternate Test*
	8. Quiz 2	16. Reference

Unit 8: Choices		
Bible 800	Assignments	
	1. Personal Choices: Knowing What To Do	9. Finding God's Will
	2. Dealing With Guilt	10. Getting Things Done
	3. Knowing about Illegal Drugs	11. Quiz 3
	4. Quiz 1	12. Special Project*
	5. Developing Friendships	13. Test
	6. Studying Effectively	14. Alternate Test*
	7. Studying Honestly	15. Reference
	8. Quiz 2	

Unit 9: Understanding the Family		
Bible 800	Assignments	
	1. Understanding Parents	9. Quiz 2
	2. Human Parents	10. Your Parents' Life
	3. Some Biblical Parents	11. Your Parents' Role
	4. Your Heavenly Father	12. Quiz 3
	5. Quiz 1	13. Special Project*
	6. What Makes a Parent	14. Test
	7. What Your Parents Do For You	15. Alternate Test*
	8. What You Should Do For Your Parents	16. Reference

Unit 10: Review		
Bible 800	Assignments	
	1. Prayer	11. Understanding Proverbs
	2. Salvation	12. Making Good Choices
	3. Attributes of God	13. Understanding Parents
	4. Quiz 1	14. Quiz 3
	5. Early Church History	15. Memory Verse Quiz (Units 1-10)
	6. Early Church Experience	16. Special Project*
	7. Early Leaders of the Church	17. Test
	8. Leaders from Middle Ages to Reformation	18. Alternate Test*
	9. Report: Reformation Leader	19. Reference
	10. Quiz 2	



## New Testament Survey

New Testament Survey provides a developmental and in-depth academic study of the teachings of the New Testament from the Intertestamental period (prior to the birth of Christ) to the book of Revelation. The survey emphasizes the most important people, places, and events in the development and expansion of the Church. The course also includes material on Christian suffering, witnessing, and the will of God. New Testament Survey targets four major strands: theology, biblical literature, biblical background, and Christian growth.

Upon completion of the course, students should be able to do the following:

- Understand the background of the New Testament.
- Identify key people, places, and events in the New Testament.
- Provide the setting and purpose for each New Testament book.
- Understand the importance of the Church.
- Identify the various apostles and their particular ministries.
- Understand the biblical approach to suffering.
- Tell others about the Gospel with more knowledge and confidence.

Unit 1: Introduction to the New Testament		
New Testament Survey	Assignments	
	1. Course Overview	14. Temptation to Popular Ministry
	2. Inter-Testamental Period	15. Ministry of Opposition to Final Ministry
	3. Various Empires and Periods	16. Arrest to Ascension
	4. Religious Literature	17. Events in the Early Church
	5. Religious Parties: Scribes and Sadducees	18. Foreign Missions
	6. Religious Parties: Pharisees	19. Events in Revelation
	7. Quiz 1: Inter-Testamental Period	20. Quiz 3: New Testament Chronology
	8. Historical Books	21. Special Project*
	9. Instructive Books: Pauline Epistles	22. Test: Introduction to the New Testament
	10. Instructive Books: General Epistles	23. Alternate Test: Introduction to the New Testament*
	11. The Prophetic Book	24. Reference
	12. Quiz 2: New Testament Books	
	13. Birth to Baptism	
Unit 2: The Gospels		
New Testament Survey	Assignments	
	1. Matthew: The Writer	10. Luke: Background and Analysis
	2. Matthew: Background and Analysis	11. Quiz 3: Luke
	3. Report: Matthew	12. John: The Writer
	4. Report: Prophet, Priest, and King*	13. John: Background and Analysis
	5. Quiz 1: Matthew	14. Quiz 4: John
	6. Mark: The Writer	15. Special Project*
	7. Mark: Background and Analysis	16. Test: The Gospels
	8. Quiz 2: Mark	17. Alternate Test: The Gospels*
	9. Luke: The Writer	18. Reference

Unit 3: The Acts of the Apostles		
New Testament Survey	Assignments	
	1. The Writer	10. Content: Pentecost
	2. Viewpoint	11. Content: Home Missions
	3. Quiz 1: Writer	12. Content: Foreign Missions
	4. Particular Purpose	13. Quiz 3: Content
	5. Historical Purpose: Jesus	14. Special Project*
	6. Holy Spirit and the Apostles	15. Test: The Acts of the Apostles
	7. Comprehensive Purpose	16. Alternate Test: The Acts of the Apostles*
	8. Essay: The Great Commission	17. Reference
	9. Quiz 2: Purpose	

Unit 4: The Pauline Epistles		
New Testament Survey	Assignments	
	1. Paul: Background	11. Report: Obeying Parents*
	2. Paul: The Apostle	12. Quiz 3: Prison Epistles
	3. Paul: The Writer	13. Later Epistles: 1 Timothy and Titus
	4. Report: Education and Ministry	14. Later Epistles: 2 Timothy
	5. Quiz 1: Personal Profile	15. Quiz 4: Later Epistles
	6. Early Epistles: Thessalonians and Corinthians	16. Special Project*
	7. Early Epistles: Romans and Galatians	17. Test: The Pauline Epistles
	8. Quiz 2: Early Epistles	18. Alternate Test: The Pauline Epistles*
	9. Prison Epistles: Ephesians and Philippians	19. Reference
	10. Prison Epistles: Colossians and Philemon	

Unit 5: The General Epistles		
New Testament Survey	Assignments	
	1. James: Background	12. 1, 2, and 3 John: The Apostle and Writer
	2. James: The Disciple	13. 1, 2, and 3 John: The Message
	3. James: The Writer and Message	14. Quiz 3: 1, 2, and 3 John
	4. Essay: James*	15. Hebrews
	5. Quiz 1: James	16. Jude
	6. 1 and 2 Peter: Background	17. Quiz 4: Hebrews and Jude
	7. 1 and 2 Peter: The Apostle and Writer	18. Memory Verse Quiz
	8. 1 and 2 Peter: The Message	19. Special Project*
	9. Essay: Peter	20. Test: The General Epistles
	10. Quiz 2: 1 and 2 Peter	21. Alternate Test: The General Epistles*
	11. 1, 2, and 3 John: Background	22. Reference

Unit 6: The Revelation of Jesus Christ		
New Testament Survey	Assignments	
	1. The Seven Churches: Ephesus and Smyrna	9. The Seven Signs: Signs 4-7 and the Seven Plagues
	2. The Seven Churches: Pergamos, Thyatira, and Sardis	10. Quiz 2: Victorious Christ and His Enemy
	3. The Seven Churches: Philadelphia and Laodicea	11. The Seven Judgments
	4. The Seven Seals: Seals 1-4	12. The Seven Wonders
	5. The Seven Seals: Seals 5-7	13. Quiz 3: Triumphant Christ and His Bride
	6. Quiz 1: Glorious Christ and His People	14. Special Project*
	7. The Seven Trumpets	15. Test: The Revelation of Jesus Christ
	8. The Seven Signs: Signs 1-3	16. Alternate Test: The Revelation of Jesus Christ*
		17. Reference
Unit 7: Biblical Literature: Job and Suffering		
New Testament Survey	Assignments	
	1. Job: Opening Scenes	10. The Sufferings of Christ: Death and Resurrection
	2. Job: Great Debate	11. The Sufferings of Christ: Intercession and Consolation
	3. Job: Closing Scenes	12. Essay: Suffering
	4. Essay: When a Friend is Suffering	13. Quiz 3: The Sufferings of Christ
	5. Quiz 1: The Book of Job (bibntsu071q.xml)	14. Special Project*
	6. Understanding Suffering	15. Test: Job and Suffering
	7. Perspectives on Suffering	16. Alternate Test: Job and Suffering*
	8. Quiz 2: Attitudes Toward Suffering	17. Reference
	9. The Sufferings of Christ: Life and Ministry	
Unit 8: How to Share Christ With Your Friends		
New Testament Survey	Assignments	
	1. Personal Evangelism	10. Approaches to Outreach: Missions at Home and Abroad
	2. Evangelism and the Holy Spirit	11. Quiz 3: Travel Projects
	3. Evangelism and Discipleship	12. Special Project*
	4. Essay: Witnessing	13. Test: How to Share Christ With Your Friends
	5. Quiz 1: Personal Evangelism	14. Alternate Test: How to Share Christ With Your Friends*
	6. Approaches to Outreach: Bible Studies	15. Reference
	7. Approaches to Outreach: Activities	
	8. Quiz 2: Outreach	
	9. Approaches to Outreach: Family Projects	
Unit 9: God's Will for Your Life		
New Testament Survey	Assignments	
	1. The Nature of God's Will	9. Knowing Your Gifts: Personal Appraisal
	2. God's Will in His Word and Providence	10. Knowing Your Gifts: The Confirmation of Others
	3. Quiz 1: How to Find God's Will for Your Life	11. Using Your Gifts
	4. The Need for Goals	12. Quiz 3: How to Evaluate and Use Talents
	5. The Types of Goals	13. Special Project*
	6. The Attainment of Goals	14. Test: God's Will for Your Life
	7. Quiz 2: How to Develop and Keep Goals	15. Alternate Test: God's Will for Your Life*
	8. The Giver of Gifts	16. Reference

Unit 10: Review		
Assignments		
New Testament Survey	1. The Empires	11. Quiz 2: Instructive and Prophetical Books
	2. Literature and Parties	12. Suffering: Job
	3. The Gospels	13. Suffering: Mankind and Christ
	4. The Acts of the Apostles	14. Sharing Christ with Your Friends
	5. Quiz 1: Background Information and New Testament Historical Books	15. Knowing God's Will
	6. Early Pauline Epistles	16. Quiz 3: Suffering; Witnessing; Finding God's Will
	7. Pauline Epistles from Prison	17. Memory Verse Quiz
	8. Later Pauline Epistles	18. Special Project*
	9. The General Epistles	19. Test: New Testament Review
	10. Revelation	20. Alternate Test: New Testament Review*
		21. Reference

## Old Testament Survey

Old Testament Survey provides a developmental and in-depth academic study of the teachings of the Old Testament, from the creation of the world (Genesis) to the restoration of Israel and the ministry of its post-exilic prophets (Malachi). The survey emphasizes the most important people, places, and events in the development and decline of the nation of Israel. These areas target three content strands: theology, biblical literature, and biblical background.

Upon completion of the course, students should be able to do the following:

- Identify the key people, places, and events of the Old Testament.
- Provide the setting and purpose for each Old Testament book.
- Identify the different eras in the history of Israel.
- Appreciate the importance of the nation of Israel.
- Describe the rise and fall of the kingdoms of Judah and Israel.
- Identify the various prophets with the era in which they ministered.

Unit 1: Creation to Abraham		
Old Testament Survey	Assignments	
	1. Course Overview	10. Flood
	2. Overview of the Bible	11. Quiz 3: Flood
	3. Creation	12. Nations
	4. Quiz 1: Creation	13. Quiz 4: Nations
	5. Fall	14. Special Project*
	6. Essay: Temptation	15. Test: Creation to Abraham
	7. Project: Promises of God*	16. Alternate Test: Creation to Abraham*
	8. Cain and Abel	17. Reference
	9. Quiz 2: Fall	
Unit 2: Abraham Through Joseph		
Old Testament Survey	Assignments	
	1. Abraham	10. Quiz 3: Jacob
	2. Abraham: Call from God	11. Joseph: In Canaan
	3. Abraham: Egypt to the Covenant	12. Joseph: In Egypt
	4. Quiz 1: Abraham	13. Quiz 4: Joseph
	5. Isaac	14. Special Project*
	6. Quiz 2: Isaac	15. Test: Abraham Through Joseph
	7. Jacob: Early Life/Flight to Haran	16. Alternate Test: Abraham Through Joseph*
	8. Report: Rebekah	17. Reference
	9. Jacob: Return to Canaan	

Unit 3: The Exodus and Wanderings		
Old Testament Survey	Assignments	
	1. Exodus: Bondage in Egypt	10. Numbers: Journey and Sojourn
	2. Exodus: A Deliverer	11. Quiz 3: Numbers
	3. Exodus: Deliverance from Bondage	12. Deuteronomy
	4. Exodus: Law/ Tabernacle/ Priesthood	13. Quiz 4: Deuteronomy
	5. Quiz 1: Exodus	14. Special Project*
	6. Leviticus: Chapters 1-16	15. Test: The Exodus and Wanderings
	7. Leviticus: Chapters 17-27	16. Alternate Test: The Exodus and Wanderings*
	8. Quiz 2: Leviticus	17. Reference
	9. Numbers: Organization	
Unit 4: Israel in Canaan		
Old Testament Survey	Assignments	
	1. Final Preparation	8. Quiz 2: Division of the Land
	2. Report: Report of the Spies	9. Farewell and Death of Joshua
	3. Conquest of the Land	10. Quiz 3: Farewell and Death of Joshua
	4. Quiz 1: Conquest of the Land	11. Special Project*
	5. Division of the Land (Part I)	12. Test: Israel in Canaan
	6. Report: Israel in Canaan	13. Alternate Test: Israel in Canaan*
	7. Division of the Land (Part II)	14. Reference
Unit 5: The Judges and Spiritual Decline		
Old Testament Survey	Assignments	
	1. The Book of Judges	10. Quiz 3: Two Examples of Decay
	2. Quiz 1: The Book of Judges	11. The Story of Ruth
	3. Othniel	12. Quiz 4: The Story of Ruth
	4. Ehud, Shamgar, and Deborah	13. Memory Verse Quiz
	5. Gideon	14. Special Project*
	6. Tola, Jair, and Jephthah	15. Test: The Judges and Spiritual Decline
	7. Ibzan, Elon, Abdon, and Samson	16. Alternate Test: The Judges and Spiritual Decline*
	8. Quiz 2: The History of the Judges	17. Reference
	9. Spiritual and Moral Decay	
Unit 6: Israel in Canaan		
Old Testament Survey	Assignments	
	1. The Ministry of Samuel	10. Job
	2. The Selection of a King	11. Psalms
	3. The Reign of Saul	12. Proverbs
	4. The Demise of Saul	13. Ecclesiastes/ Song of Solomon
	5. The Reign of David	14. Quiz 3: Hebrew Poetry
	6. Quiz 1: The Books of Samuel	15. Special Project*
	7. The Kingdom Under Solomon	16. Test: The Kingdom
	8. The Program of Solomon	17. Alternate Test: The Kingdom*
	9. Quiz 2: The Kingdom Under Solomon	18. Reference

Unit 7: The Divided Kingdom		
Old Testament Survey	Assignments	
	1. Jeroboam	11. From Jehoahaz to the Assyrian Captivity
	2. Rehoboam, Abijah, Asa, Nadab and Successors	12. Quiz 3: From Jehu to the Assyrian Captivity
	3. Report: Rehoboam and Jeroboam	13. Prophets: Obadiah and Joel
	4. Quiz 1: Jeroboam to Ahab	14. Prophets: Jonah, Amos, and Hosea
	5. Elijah	15. Quiz 4: The Prophets of the Period
	6. Ahab, Jehoshaphat, and Ahaziah	16. Special Project*
	7. Elijah and Elisha	17. Test: The Divided Kingdom
	8. Elisha, Jehoram, Ahaziah, and Jehu	18. Alternate Test: The Divided Kingdom*
	9. Quiz 2: From Ahab to Jehu	19. Reference
	10. From Jehu to Joash	
Unit 8: The Remaining Kingdom		
Old Testament Survey	Assignments	
	1. Hezekiah: Revival and Reform	9. Prophets: Isaiah
	2. Hezekiah: Deliverance to Recovery	10. Prophets: Micah and Nahum
	3. Quiz 1: Hezekiah	11. Prophets: Zephaniah, Habakkuk, Jeremiah
	4. Manasseh and Amon	12. Quiz 4: The Prophets of the Period
	5. The Reforms of Josiah	13. Special Project*
	6. Quiz 2: From Manasseh to Josiah	14. Test: The Remaining Kingdom
	7. From Jehoahaz to the Exile	15. Alternate Test: The Remaining Kingdom*
	8. Quiz 3: From Jehoahaz to the Exile	16. Reference
Unit 9: The Captivity		
Old Testament Survey	Assignments	
	1. Jeremiah: History	8. Daniel: The Book
	2. Jeremiah: Ministry and Books	9. Quiz 3: Daniel
	3. Quiz 1: Jeremiah	10. Special Project*
	4. Ezekiel: History and Ministry	11. Test: The Captivity
	5. Ezekiel: The Book	12. Alternate Test: The Captivity*
	6. Quiz 2: Ezekiel	13. Reference
	7. Daniel: History and Ministry	
Unit 10: The Restoration		
Old Testament Survey	Assignments	
	1. First Return from Exile: Under Zerubbabel	11. Registration, Revival, and Reform
	2. The Rebuilding of the Temple	12. Quiz 4: Third Return from Exile
	3. Quiz 1: The First Return from Exile	13. Prophets: Haggai
	4. The Preservation in Exile	14. Prophets: Zechariah and Malachi
	5. Quiz 2: The Preservation in Exile	15. Quiz 5: The Prophets of the Period
	6. Second Return from Exile: Under Ezra	16. Memory Verse Quiz
	7. The Reforms in Jerusalem	17. Special Project*
	8. Quiz 3: The Reforms in Jerusalem	18. Test: The Restoration
	9. Third Return from Exile: Under Nehemiah	19. Alternate Test: The Restoration*
	10. Rebuilding the Walls of Jerusalem	20. Reference

## Bible Doctrine

Bible Doctrine provides a developmental and in-depth academic study of the teachings of the Old and New Testaments, focusing on important topics including the faithfulness of God; the doctrine of Christ; the nation of Israel; the history and integrity of the Bible; the pursuit of happiness; and friendship, dating, and marriage. There is also a special emphasis on the book of Romans. These areas target four content strands: theology, the attributes of God, Christian growth, and Christian evidences.

### Objectives

- Explain the meaning of God's faithfulness to His people.
- Identify the key themes for understanding the book of Romans.
- Discuss the unique features of Christ's person and work.
- Describe the development and role of the nation of Israel.
- Describe the development of the Old and New Testaments into one book.
- Identify the essential components of successful relationships.
- Know how to avoid the failures of Solomon's pursuit of happiness.
- Answer critics concerning the truthfulness of the Bible.

Unit 1: The Faithfulness of God		
Bible Doctrine	Assignments	
	1. Course Overview	11. The Work of the Faithful High Priest
	2. The Affirmation of God's Faithfulness	12. Quiz 3: Manifestations of God's Faithfulness
	3. The Declaration of God's Faithfulness	13. The Implications of God's Faithfulness
	4. Essay: God's Faithfulness	14. The Responsibility of Faithfulness
	5. Quiz 1: The Affirmation of God's Faithfulness	15. Quiz 4: Implications of God's Faithfulness
	6. The Nature of God's Faithfulness	16. Special Project*
	7. The Contrasts to God's Faithfulness	17. Test
	8. Quiz 2: The Nature of God's Faithfulness	18. Alternate Test*
	9. The Manifestations of God's Faithfulness	19. Reference
	10. The Message of the Faithful Witness	
Unit 2: Romans Part I		
Bible Doctrine	Assignments	
	1. Roman Empire: Politics	9. Quiz 2: Paul's Epistle to the Romans
	2. Roman Empire: Population	10. The Way According to Romans
	3. The Roman Church	11. Salvation
	4. The Book of Romans	12. Quiz 3: The Way According to Romans
	5. Quiz 1: Historical Background Of The Roman Empire	13. Special Project*
	6. Paul's Epistle to the Romans	14. Test
	7. State of Condemnation	15. Alternate Test*
	8. State of Justification	16. Reference



Unit 3: Romans Part II		
Bible Doctrine	Assignments	
	<ol style="list-style-type: none"> <li>1. Children of Choice</li> <li>2. Unrighteousness and the Gentiles</li> <li>3. Quiz 1: Children of Choice</li> <li>4. Service</li> <li>5. Submission</li> <li>6. Conduct</li> <li>7. Essay: Conduct</li> <li>8. Quiz 2: Principles In Practice</li> </ol>	<ol style="list-style-type: none"> <li>9. From Sin to Salvation</li> <li>10. From Salvation to Sanctification</li> <li>11. From Glory to Glory</li> <li>12. Quiz 3: Roman Victory</li> <li>13. Special Project*</li> <li>14. Test</li> <li>15. Alternate Test*</li> <li>16. Reference</li> </ol>
Unit 4: The Doctrine of Jesus Christ		
Bible Doctrine	Assignments	
	<ol style="list-style-type: none"> <li>1. The Deity of Jesus</li> <li>2. The Names of Jesus</li> <li>3. The Incarnation of Jesus</li> <li>4. Quiz 1: The Person of Jesus Christ</li> <li>5. The Work of Jesus</li> <li>6. After the Cross</li> </ol>	<ol style="list-style-type: none"> <li>7. Essay: Christ's Ministry</li> <li>8. Quiz 2: The Work of Jesus Christ</li> <li>9. Special Project*</li> <li>10. Test</li> <li>11. Alternate Test*</li> <li>12. Reference</li> </ol>
Unit 5: The Nation of Israel		
Bible Doctrine	Assignments	
	<ol style="list-style-type: none"> <li>1. The Abrahamic Covenant</li> <li>2. God's Fulfillment (1)</li> <li>3. God's Fulfillment (2)</li> <li>4. Quiz 1: The Abrahamic Covenant</li> <li>5. The Significance of the Hebrew Nation (1)</li> <li>6. The Significance of the Hebrew Nation (2)</li> <li>7. Spiritual Significance</li> <li>8. Quiz 2: The Significance of the Hebrew Nation</li> </ol>	<ol style="list-style-type: none"> <li>9. The Archaeological Discoveries (1)</li> <li>10. The Archaeological Discoveries (2)</li> <li>11. Quiz 3: The Archaeological Discoveries</li> <li>12. Memory Verse Quiz</li> <li>13. Special Project*</li> <li>14. Test</li> <li>15. Alternate Test*</li> <li>16. Reference</li> </ol>
Unit 6: The History of the Canon		
Bible Doctrine	Assignments	
	<ol style="list-style-type: none"> <li>1. The Doctrine of the Bible</li> <li>2. Inspiration</li> <li>3. Authority</li> <li>4. Illumination and Interpretation</li> <li>5. Quiz 1: The Doctrine of the Bible</li> <li>6. The Formation of the Bible</li> <li>7. Formation of the Old Testament</li> <li>8. Formation of the New Testament</li> <li>9. Report: Inspiration</li> </ol>	<ol style="list-style-type: none"> <li>10. Quiz 2: The Formation of the Bible</li> <li>11. The Recognition of the Scriptures</li> <li>12. Canonicity of the New Testament</li> <li>13. Quiz 3: The Recognition of the Scriptures</li> <li>14. Special Project*</li> <li>15. Test</li> <li>16. Alternate Test*</li> <li>17. Reference</li> </ol>

Unit 7: Friendship, Dating, and Marriage		
Bible Doctrine	Assignments	
	1. The Definition of Friendship	10. The Origin of Marriage
	2. The Possibility for Friendship	11. What is Marriage?
	3. The Responsibilities in Friendship	12. The Purpose and Structure of Marriage
	4. Report: Interview*	13. Quiz 3: Marriage
	5. Quiz 1: Friendship	14. Special Project*
	6. What is Dating?	15. Test
	7. Report: Dating Definition	16. Alternate Test*
	8. The Challenges in Dating	17. Reference
	9. Quiz 2: Dating	
Unit 8: The Pursuit of Happiness		
Bible Doctrine	Assignments	
	1. Reversion	7. Recovery
	2. Solomon's Sin	8. Quiz 2: Results
	3. Quiz 1: Reversion	9. Special Project*
	4. Results (1)	10. Test
	5. Results (2)	11. Alternate Test*
	6. God's Solution	12. Reference
Unit 9: Apologetics		
Bible Doctrine	Assignments	
	1. Questions About the Integrity of the Bible	10. Interpretation and Application of the Bible
	2. Scientific Accuracy	11. Practice and Experience
	3. Quiz 1: Questions About the Integrity of the Bible	12. Quiz 3: The Interpretation and Application of the Bible
	4. Questions About the Doctrines of the Bible	13. Special Project*
	5. Miracles	14. Test
	6. Creation; Evil; Divine Silence	15. Alternate Test*
	7. Unevangelized People	16. Reference
	8. Essay: C.S. Lewis	
	9. Quiz 2: Questions About the Doctrines of the Bible	
Unit 10: Review		
Bible Doctrine	Assignments	
	1. The Means and Purpose of Revelation	13. The Revelation of God in the Bible
	2. Preparation of the Revelation	14. The Revelation of God's Righteousness
	3. The Formation of the Bible	15. The Life of Christ
	4. Canonicity/ Findings of Archaeology	16. Quiz 4: The Revelation of God in the Bible
	5. Report: Ebla Tablets	17. Principles for Christian Living
	6. Quiz 1: The Uniqueness of the Bible	18. Principles for Spiritual Maturity
	7. The Book of Romans (Part 1)	19. Quiz 5: Principles for Christian Living
	8. The Book of Romans (Part 2)	20. Special Project*
	9. Quiz 2: The Book of Romans	21. Test
	10. The History of Israel (Part 1)	22. Alternate Test*
	11. The History of Israel (Part 2)	23. Reference
	12. Quiz 3: The History of Israel	

## Christian Faith and Living

Christian Faith and Living applies what students have learned in their study of the teachings of the Old and New Testaments. The course focuses on personal Christian ministry, the nature of God, comparative religions, and the writings of James, John, David, Solomon, and Daniel. These areas target three content strands: the attributes of God, biblical literature, and Christian growth.

Upon completion of the course, students should be able to do the following:

- Understand the unique identity of a Christian.
- Pursue the various opportunities to serve as a Christian.
- Explain the Christian view of the Trinity.
- Identify the meaning of James' and John's letters.
- Describe the contents of the book of Daniel.
- Contrast Christianity with other religions of the world.
- Use God's wisdom to solve problems among today's youth.
- Identify the practical steps toward successful Christian living.

Unit 1: Knowing Yourself		
Christian Faith and Living	Assignments	
	1. Course Overview	15. Project: Backward Look
	2. Knowing What You Are: God's Creation	16. Project: Inward Look
	3. Your Unique Personality	17. Project: Forward Look
	4. Your Interaction with Others	18. What to Look for in Vocational Skills
	5. Quiz 1: Personality	19. Project: Work Values
	6. Knowing Who You Are: A Child of God	20. Project: Motives
	7. Project: Your Personal Testimony*	21. Project: Vocational Interests
	8. Project: Memorize Scripture*	22. Project: Vocational Skills
	9. A Servant of God	23. Quiz 3: Skills
	10. Project: Channels of Communication*	24. Special Project*
	11. Spiritual Gifts	25. Test
	12. Knowing Your Spiritual Gifts	26. Alternate Test*
	13. Quiz 2: Gifts	27. Reference
	14. How You Are Equipped: Personal Skills	
Unit 2: Christian Ministries		
Christian Faith and Living	Assignments	
	1. Varieties of Ministry	11. Ministry vs. Career
	2. The Two Modern Meanings	12. Project: Career*
	3. Project: Ministers	13. Project: Witness*
	4. Project: What is a Ministry?*	14. Quiz 3: How A Christian Ministry Relates to a Career
	5. Quiz 1: What a Christian Ministry Is	15. Special Project*
	6. Ministry Occupations	16. Test
	7. Project: The Effect of Ministry*	17. Alternate Test*
	8. Movements	18. Reference
	9. Social Services, Media, and Support	
	10. Quiz 2: How Christian Ministries Are Served	

Unit 3: Choosing a Ministry		
Christian Faith and Living	Assignments	
	1. Gathering Information: Where to Look	13. Project: Prayer List*
	2. Project: Career Search*	14. Project: God's Will
	3. What to Look For	15. Career Decisions: Human Responsibility
	4. Project: Priorities*	16. Project: Roadblocks
	5. Quiz 1: Gathering Information About Available Career/Ministries	17. Project: Decision Making*
	6. Applying: Making Contacts/Writing a Resume	18. Career Planning
	7. Project: Applications*	19. Quiz 3: Reaching A Conclusion About Your Career/Ministry
	8. Project: Resume	20. Special Project*
	9. Project: Cover Letter*	21. Test
	10. Interviewing and Candidating	22. Alternate Test*
	11. Quiz 2: Applying for a Prospective Career/Ministry	23. Reference
	12. Reaching Conclusions: Divine Guidance	
Unit 4: Godhead		
Christian Faith and Living	Assignments	
	1. Old Testament View of the Godhead	12. Project: Early Church Theologians*
	2. Names of God in the Old Testament	13. Essay: Historical Development*
	3. Project: Yahweh	14. Development of Christian Creeds
	4. Project: Use of Names*	15. Project: Three Arguments*
	5. Quiz 1: Old Testament View of the Godhead	16. Quiz 3: Historical Perspectives of the Godhead
	6. New Testament View of the Godhead	17. Christian Faith in the Godhead
	7. Project: Developing Revelation	18. Quiz 4: Man's Relationship with the Godhead
	8. The Godhead in John and Paul's Epistles	19. Special Project*
	9. Project: Paul's View	20. Test
	10. Quiz 2: New Testament View of the Godhead	21. Alternate Test*
	11. Origin of the Doctrine of the Godhead	22. Reference
	12. Old Testament View of the Godhead	
Unit 5: The Attributes of God: Holiness and Goodness		
Christian Faith and Living	Assignments	
	1. The Holiness of God: His Holy Person	10. In His Creation
	2. Holiness of the Son and the Holy Spirit	11. In the World and in Mankind
	3. Project: Power of the Holy Spirit	12. In His Salvation
	4. God's Holy Place	13. Project: Glory to God
	5. God's Holy People	14. Quiz 2: The Goodness of God
	6. Quiz 1: The Holiness of God	15. Special Project*
	7. The Goodness of God: In His Character	16. Test
	8. Goodness of the Son and the Holy Spirit	17. Alternate Test*
	9. Project: Young Ruler*	18. Reference

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Unit 9: Wisdom for Today's Youth		
Christian Faith and Living	Assignments	
	1. The Life of David (1)	12. Project: Tongue
	2. The Life of David (2)	13. Quiz 2: Psalms and Proverbs
	3. David's Character	14. Literary Styles in the Bible
	4. Essay: DAVID	15. Prefigurations in the Bible
	5. The Life of Solomon	16. Problem Solving in the Bible
	6. Solomon's Character	17. Quiz 3: The Bible and Literature
	7. Quiz 1: David and Solomon	18. Special Project*
	8. Psalms and Proverbs: God's Cleansing, Comfort	19. Test
	9. Project: Cleansing	20. Alternate Test*
	10. God's Presence, Sovereignty, Guidance	21. Reference
	11. Project: Psalms 139	

Unit 10: Practical Christian Living		
Christian Faith and Living	Assignments	
	1. The Nature and Holiness of God	13. Scripture Study
	2. The Word, Salvation, Defense of the Faith	14. Quiz 2: Growing Toward Christian Maturity
	3. Project: Salvation	15. Life Work and Ministry
	4. Quiz 1: Fundamentals of The Christian Faith	16. Values
	5. Spiritual Gifts	17. Spoken Testimony
	6. Project: Spiritual Gifts	18. Project: Personal Testimony
	7. Personality	19. Debate and Apologetics
	8. Project: Temptations	20. Quiz 3: Influencing The World for Christ
	9. Christlike Character and Conduct	21. Special Project*
	10. Project: Moral Dilemma	22. Test
	11. Spiritual Development and Prayer	23. Alternate Test*
	12. Project: Trials and Tribulations	24. Reference

# History and Geography

## History and Geography 300

The third grade curriculum is an exploration of the history and geography of the United States. The intent of the course is to give the student an overview of the United States. The student will learn map terminology such as latitude, longitude, and compass rose. These and other geographical terms, along with an overview of the geography of the United States, will help the student discuss and understand the geography of the United States.

### Objectives

- Identify and use map terminology including latitude, longitude, and compass rose.
- Compare and contrast regional geography across the United States and how this contributes to weather, resources and recreation in the region.
- Examine and describe key events for each region.
- Examine and describe the contributions of famous people from each region.
- Recognize the basics of how the United States was formed.
- Recognize the basics of the operation of United States government.

Unit 1: Geography	
Assignments	
History and Geography 300	1. Course Overview
	2. Map Skills
	3. Longitude and Latitude
	4. Cartographers
	5. Project 1: Map Drawing
	6. Quiz 1: Geography
	7. Alternate Quiz 1: Geography*
	8. Resources
	9. Human Resources
	10. Goods and Services
	11. Quiz 2: Resources
	12. Alternate Quiz 2: Resources*
	13. Community
	14. Culture
	15. Community Organization
	16. Project 2: Essay
	17. Quiz 3: Community
	18. Alternate Quiz 3: Community*
	19. Special Project*
	20. Review Activities
	21. Test
	22. Alternate Test*
	23. Glossary and Credits

Unit 2: New England States	
Assignments	
History and Geography 300	1. States in New England
	2. Geography of New England
	3. Weather of New England
	4. Project 1: Map Drawing of New England States
	5. Quiz 1: New England States
	6. Alternate Quiz 1: New England States*
	7. New England Natural Resources
	8. New England Human Resources
	9. Famous People
	10. Products and Services
	11. Project 2: Research
	12. Quiz 2: New England Resources
	13. Alternate Quiz 2: New England Resources*
	14. New England Community and Culture
	15. Education
	16. Recreation
	17. Quiz 3: New England Community
	18. Alternate Quiz 3: New England Community*
	19. Special Project*
	20. Review Activities
	21. Test
	22. Alternate Test*
	23. Glossary and Credits

Unit 3: Mid-Atlantic States		
History and Geography 300	Assignments	
	1. States in the Mid-Atlantic	13. Alternate Quiz 2: Mid-Atlantic Resources*
	2. Geography of the Mid-Atlantic	14. Mid-Atlantic Community
	3. Weather of the Mid-Atlantic	15. Government
	4. Project 1: Map Drawing of the Mid-Atlantic States	16. Recreation
	5. Quiz 1: Mid-Atlantic States	17. Quiz 3: Mid-Atlantic Community
	6. Alternate Quiz 1: Mid-Atlantic States*	18. Alternate Quiz 3: Mid-Atlantic Community*
	7. Mid-Atlantic Natural Resources	19. Special Project *
	8. Famous People	20. Review Activities
	9. Products and Services	21. Test
	10. Project 2: Research	22. Alternate Test*
	11. Quiz 2: Mid-Atlantic Resources	
Unit 4: Southern-Atlantic States		
History and Geography 300	Assignments	
	1. States in the Southern-Atlantic Region	11. Quiz 2: Southern-Atlantic Resources
	2. Geography of the Southern-Atlantic States	13. Alternate Quiz 2: Southern-Atlantic Resources
	3. Weather of the Southern-Atlantic States	14. Southern-Atlantic Community
	4. Project 1: Map Drawing of the Southern-Atlantic States	15. Space Exploration
	5. Quiz 1: Geography of the Southern-Atlantic States	16. Southern-Atlantic Recreation
	6. Alternate Quiz 1: Geography of the Southern-Atlantic States*	17. Quiz 3: Southern-Atlantic Community
	7. Southern-Atlantic Resources	18. Alternate Quiz 3: Southern-Atlantic Community*
	8. Famous People	19. Special Project*
	9. Products and Services	20. Review Activities
	10. Project 2: Research	21. Test
		22. Alternate Test*
Unit 5: Southern States		
History and Geography 300	Assignments	
	1. States in the Southern Region	13. The Civil War
	2. Geography of the Southern States	14. Music
	3. Weather of the Southern States	15. Recreation
	4. Project 1: Map Drawing of the Southern States	16. Project 2: Research
	5. Quiz 1: Geography of the Southern States	17. Quiz 3: Southern States Community
	6. Alternate Quiz 1: Geography of the Southern States*	18. Alternate Quiz 3: Southern States Community*
	7. Southern States Resources	19. Special Project*
	8. Famous People	20. Review Activities
	9. Products and Industries	21. Test
	10. Quiz 2: Southern States Resources	22. Alternate Test*
	11. Alternate Quiz 2: Southern States Resources*	23. Glossary and Credits
	12. Southern States Community	



Unit 6: Great Lakes States		
History and Geography 300	Assignments	
	1. States in the Great Lakes Region	12. Alternate Quiz 2: Great Lakes Resources*
	2. Geography of the Great Lakes Region	13. Great Lakes Community
	3. Weather in the Great Lakes region	14. Invention
	4. Project 1: Map Drawing of the Great Lakes States	15. Recreation
	5. Quiz 1: Great Lakes States	16. Quiz 3: Great Lakes Community
	6. Alternate Quiz 1: Great Lakes States*	17. Alternate Quiz 3: Great Lakes Community*
	7. Great Lakes States Resources	18. Special Project*
	8. Famous People	19. Review Activities
	9. Project 2: Research	20. Test
	10. Products and Services	21. Alternate Test*
	11. Quiz 2: Great Lakes Resources	22. Glossary and Credits
Unit 7: Midwestern States		
History and Geography 300	Assignments	
	1. States in the Midwest	12. Alternate Quiz 2: Midwest Region Resources
	2. Geography of the Midwest	13. Midwest Community
	3. Weather in the Midwest	14. Native Americans
	4. Project 1: Map Drawing of the Midwest region	15. Recreation
	5. Quiz 1: Midwest States	16. Quiz 3: Midwest Community
	6. Alternate Quiz 1: Midwest States*	17. Alternate Quiz 3: Midwest Community*
	7. Midwest Region Resources	18. Special Project*
	8. Famous People	19. Review Activities
	9. Project 2: Research	20. Test
	10. Products and Services	21. Alternate Test*
	11. Quiz 2: Midwest Region Resources	22. Glossary and Credits
Unit 8: Mountain States		
History and Geography 300	Assignments	
	1. States in the Mountain Region	12. Alternate Quiz 2: Mountain States Resources*
	2. Geography of the Mountain Region	13. Mountain States Community
	3. Weather in the Mountain Region	14. Cowboys
	4. Project 1: Map Drawing of the Mountain Region	15. Recreation
	5. Quiz 1: The Mountain Region	16. Quiz 3: Mountain States Community
	6. Alternate Quiz 1: The Mountain Region*	17. Alternate Quiz 3: Mountain States Community*
	7. Mountain States Resources	18. Special Project*
	8. Famous People	19. Review Activities
	9. Project 2: Research	20. Test
	10. Products and Services	21. Alternate Test*
	11. Quiz 2: Mountain States Resources	22. Glossary and Credits

Unit 9: Pacific States		
History and Geography 300	Assignments	
	1. States in the Pacific Region	12. Alternate Quiz 2: Pacific States Resources*
	2. Geography of the Pacific Region	13. Pacific States Community
	3. Weather in the Pacific Region	14. Computers
	4. Project 1: Map Drawing of the Mountain Region	15. Recreation
	5. Quiz 1: The Pacific Region	16. Quiz 3: Pacific States Community
	6. Alternate Quiz 1: The Pacific Region*	17. Alternate Quiz 3: Pacific States Community*
	7. Pacific States Resources	18. Special Project*
	8. Famous People	19. Review Activities
	9. Project 2: Research	20. Test
	10. Products and Services	21. Alternate Test*
	11. Quiz 2: Pacific States Resources	22. Glossary and Credits
Unit 10: Review		
History and Geography 300	Assignments	
	1. Geography of the United States	11. Mountain States Review
	2. Project 1: Map Drawing: Geography of the United States	12. Pacific States Review
	3. Quiz 1: Geography of the United States	13. Quiz 3: Western US States Review
	4. Alternate Quiz 1: Geography of the United States*	14. Alternate Quiz 3: Western US States Review*
	5. Eastern US States Review	15. Project 2: Poster Project
	6. Southern Atlantic States Review	16. Special Project*
	7. Southern States Review	17. Review Activities
	8. Quiz 2: Eastern US States Review	18. Test
	9. Alternate Quiz 2: Eastern US States Review*	19. Alternate Test*
	10. Western US States Review	20. Glossary and Credits

## History and Geography 400

History and Geography 400 continues the process of developing in students an understanding of and appreciation for God's activity as seen in the record of man and his relationships. The course focuses on World Geography, describing the surface of the Earth and its natural features (biomes). It also teaches about cultural distinctives, placing special emphasis on North American geography and culture. Then, expanding on instruction, it presents a survey of Earth and space explorations. These areas of focus target three major content strands: Geography, History, and Social Studies Skills.

Upon completion of the course, students should be able to:

- identify significant explorers, such as Prince Henry, Christopher Columbus, and Ferdinand Magellan, noting their accomplishments.
- locate and describe different regions of the world, such as climactic and topographical regions.
- understand the world in spatial terms (according to hemispheres and maps).
- locate and describe U.S. regions made up of various groups of states, such as New England and the plains states.
- identify cultural and geographic differences between various biomes and countries that are covered in the course.

Unit 1: Our Earth	
History and Geography 400	Assignments
	1. Course Overview
	2. Maps
	3. Oceans
	4. Continents
	5. Rivers and Lakes
	6. Quiz 1
	7. Early Exploration of Earth: Part 1
	8. Project: Spices*
	9. Early Exploration of Earth: Part 2
	10. Quiz 2
	11. Recent Exploration of Earth: Part 1
	12. Recent Exploration of Earth: Part 2
	13. Report: Space Flight
	14. Report: Space Missions*
	15. Quiz 3
	16. Special Project*
	17. Review Game
	18. Test
	19. Alternate Test*
	20. Reference

Unit 2: Seaport Cities		
History and Geography 400	Assignments	
	1. Seaports	15. Turkish Culture
	2. Project: Map Part 1	16. Quiz 3
	3. Australia	17. London-Part 1
	4. Sydney	18. Project: Map Part 3
	5. Report: Animals	19. Project: Name the Parts*
	6. Project: Australian Flag*	20. London-Part 2
	7. Quiz 1	21. British Culture
	8. Hong Kong-Part 1	22. Project: Map Part 4
	9. Hong Kong-Part 2	23. Quiz 4
	10. Chinese Culture	24. Special Project*
	11. Quiz 2	25. Review Game
	12. Istanbul-Part 1	26. Test
	13. Project: Map Part 2	27. Alternate Test*
	14. Istanbul-Part 2	28. Reference
Unit 3: Desert Lands		
History and Geography 400	Assignments	
	1. What is a Desert?	10. Project: Nomads*
	2. Life in the Desert	11. Modern Ways of Life
	3. Project: Plants and the Desert	12. Project: Inventions
	4. Project: Desert Animals	13. Quiz 3
	5. Quiz 1	14. Special Project*
	6. Northern Hemisphere Deserts	15. Review Game
	7. Southern Hemisphere Deserts	16. Test
	8. Quiz 2	17. Alternate Test*
	9. How Do People Live in the Desert?	18. Reference
Unit 4: Grasslands		
History and Geography 400	Assignments	
	1. Grasslands	11. Quiz 2
	2. The Ukraine-Part 1	12. Argentina-Part 1
	3. The Ukraine-Part 2	13. Argentina-Part 2
	4. The Ukraine-Part 3	14. Argentina-Part 3
	5. Quiz 1	15. Quiz 3
	6. Kenya-Part 1	16. Special Project*
	7. Kenya-Part 2	17. Review Game
	8. Kenya-Part 3	18. Test
	9. Project: Kenyan Safari	19. Alternate Test*
	10. Kenya-Part 4	20. Reference

Unit 5: Tropical Rainforests		
History and Geography 400	Assignments	
	1. Rainforests of the World	11. History of the Congo
	2. Plants and Animals of the Rainforest	12. Report: The Livingstone Story
	3. People and the Rainforest	13. People of the Congo Rainforest
	4. Report: Rainforest Plants and Animals	14. Quiz 3
	5. Quiz 1	15. Special Project*
	6. The Amazon	16. Review Game
	7. History of Amazonia	17. Test
	8. Amerindians of the Amazon	18. Alternate Test*
	9. Quiz 2	19. Reference
	10. The Congo Rainforest	

Unit 6: The Polar Regions		
History and Geography 400	Assignments	
	1. The Polar Regions	10. The Antarctic Polar Region
	2. Ice and Icebergs	11. The Last Place on Earth
	3. Quiz 1	12. Report: Polar Explorer
	4. Arctic Polar Region	13. Quiz 3
	5. Arctic Plant and Animal Life	14. Special Project*
	6. Report: Arctic Animal	15. Review Game
	7. Life in the Arctic	16. Test
	8. The Arctic Today	17. Alternate Test*
	9. Quiz 2	18. Reference

Unit 7: Mountain Countries		
History and Geography 400	Assignments	
	1. Mountain Regions	10. Switzerland of the Alps
	2. The Andes and Peru	11. Swiss History
	3. Peru Today	12. Switzerland Today
	4. Quiz 1	13. Quiz 3
	5. The Himalayas	14. Special Project*
	6. Nepal	15. Review Game
	7. Nepalese History	16. Test
	8. Nepal Today	17. Alternate Test*
	9. Quiz 2	18. Reference

Unit 8: Living in Island Countries		
History and Geography 400	Assignments	
	1. Islands of the World	11. Japanese History
	2. Cuba	12. Life in Japan
	3. Cuban History	13. Japanese Religion and Art
	4. Life in Cuba	14. Quiz 3
	5. Quiz 1	15. Special Project*
	6. Iceland	16. Review Game
	7. History of Iceland	17. Test
	8. Icelandic Life	18. Alternate Test*
	9. Quiz 2	19. Reference
	10. Japan	

Unit 9: North America		
History and Geography 400	Assignments	
	1. Geography	10. Mexico
	2. Peninsulas, Oceans, and Islands	11. Central America

	3. Climate, Resources, and Culture	12. West Indies
	4. Quiz 1	13. Quiz 3
	5. Greenland	14. Special Project*
	6. Canada	15. Review Game
	7. United States-Part 1	16. Test
	8. United States-Part 2	17. Alternate Test*
	9. Quiz 2	18. Reference

Unit 10: Our World in Review		
Assignments		
History and Geography 400	1. Review of Geography	13. Review of Antarctica
	2. Review of Exploration	14. Quiz 3
	3. Review of Europe	15. Review of North America
	4. Quiz 1	16. Review of the United States
	5. Review of Asia-Part 1	17. Review of the North Polar Region
	6. Review of Asia-Part 2	18. Quiz 4
	7. Review of Africa	19. Special Project*
	8. Quiz 2	20. Review Game
	9. Review of Australia	21. Test
	10. Project: Investigate the Mystery	22. Alternate Test*
	11. Review of South America-Part 1	23. Reference
	12. Review of South America-Part 2	

## History and Geography 500

History and Geography 500 continues the process of developing in students an understanding of and appreciation for God's activity as seen in the record of man and his relationships. It focuses on two major areas, American History and Geography. The course covers American History from early exploration through the Reconstruction, with special emphasis given to inventions and technology of the 19th and early 20th centuries, and geography of the Americas, with special emphasis on Mexico, Canada, and U.S. regional geography. These areas of focus target four major content strands: History, Geography, Government and Citizenship, and Social Studies Skills.

Upon completion of the course, students should be able to do the following:

- Identify significant explorers, such as Christopher Columbus, Francisco Coronado, Sir Francis Drake, Ferdinand Magellan, and Samuel de Champlain, noting their accomplishments.
- Understand how conflict between the American colonies and Great Britain led to American independence.
- Understand political and social changes that occurred in the United States during the 19th century, including changes resulting from the Industrial Revolution, and explain how these changes led to conflict among sections of the United States.
- Describe the causes and effects of the Civil War and its aftermath.
- Apply geographic tools, including maps, legends, and symbols.
- Locate and describe U.S. regions made up of various groups of states, such as New England and the Great Plains.

Additionally, students will gain practice in report-writing and story-writing, covering topics like proverbs, the Pledge of Allegiance, frontier life, inventions, and more.

UNIT 1: Exploring the New World	
History and Geography 500	Assignments
	1. Course Overview
	2. Exploration Tools
	3. Maps
	4. Quiz 1
	5. Viking and Portuguese Explorers
	6. Spanish Explorers
	7. English Explorers
	8. French Explorers
	9. Dutch Explorers
	10. Quiz 2
	11. Early Settlements
	12. Project: Prayer of Thanksgiving*
	13. New England Colonies
	14. Middle Colonies
	15. Southern Colonies
	16. Quiz 3
	17. Special Project*
	18. Review Game
	19. Test
	20. Alternate Test*
	21. Reference

Unit 2: Colonial American Life		
History and Geography 500	Assignments	
	1. Life in New England Colonies	11. Project: Franklin Proverbs*
	2. Project: Family Tree*	12. Quiz 2
	3. New England Clothing and Schools	13. Life in the Southern Colonies
	4. New England Crafts	14. Southern Activities and Worship
	5. New England Worship and Activities	15. Quiz 3
	6. Quiz 1	16. Special Project*
	7. Life in the Middle Colonies	17. Review Game
	8. Benjamin Franklin: A Successful Man	18. Test
	9. Benjamin Franklin: A Good Citizen	19. Alternate Test*
	10. Project: Bible Proverbs	20. Reference
Unit 3: Thirteen Colonies Become a Nation		
History and Geography 500	Assignments	
	1. A Search for Freedom	11. A New Nation
	2. Problems With England	12. Quiz 3
	3. Quiz 1	13. Democracy
	4. War of Independence	14. Project: Pledge of Allegiance
	5. Project: Johnny Cakes*	15. Quiz 4
	6. Independence Declared	16. Special Project*
	7. A Turning Point Reached	17. Review Game
	8. Essay: Revolutionary War*	18. Test
	9. Quiz 2	19. Alternate Test*
	10. Victory Declared	20. Reference
Unit 4: New Lands and Troubled Times		
History and Geography 500	Assignments	
	1. The Louisiana Purchase	12. Project: Living in the Frontier
	2. Project: Colonies Map Activity*	13. Quiz 2
	3. The War of 1812	14. Problems Between the North and the South
	4. Project: Star Spangled Banner*	15. A Great Nation Divided by War
	5. Expansion from Sea to Sea	16. The Aftermath of the Civil War
	6. Project: Map of the United States*	17. Quiz 3
	7. Project: America the Beautiful*	18. Special Project*
	8. Project: Current Event*	19. Review Game
	9. Quiz 1	20. Test
	10. Life on the Frontier	21. Alternate Test*
	11. Life on the New Frontier	22. Reference



Unit 5: The United States Becomes a World Leader	
History and Geography 500	Assignments
	1. Inventions and New Ideas
	2. Development of Power
	3. Technological Advancements
	4. Project: Conservation*
	5. Quiz 1
	6. Industrialization
	7. Power Struggles
	8. Quiz 2
	9. Immigration and Urbanization
	10. Report: Biography
	11. Essay: Government Money*
	12. Quiz 3
	13. Special Project*
	14. Review Game
	15. Test
	16. Alternate Test*
	17. Reference

Unit 6: United by Transportation and Communication	
History and Geography 500	Assignments
	1. Progress of Transportation in Early America
	2. Land Transportation
	3. Water Transportation
	4. Quiz 1
	5. Project: Family Travel*
	6. Steamboat and Rail Transportation
	7. Project: Tom Thumb*
	8. Progress of Transportation After 1800
	9. Air Transportation
	10. Quiz 2
	11. Progress of Communication in America
	12. Printed and Postal Communication
	13. Electronic Communication
	14. Project: Skit*
	15. Modern Communication and the Government
	16. Report: Invention
	17. Quiz 3
	18. Special Project*
	19. Review Game
	20. Test
	21. Alternate Test*
	22. Reference

Unit 7: The United States- One Nation With Many Regions	
History and Geography 500	Assignments
	1. The New England States
	2. The Middle Atlantic States
	3. The Southern States
	4. Report: State
	5. Quiz 1
	6. The Midwestern States-Part 1
	7. The Midwestern States-Part 2
	8. Project: Captain's Diary*
	9. Project: Atlas Work*
	10. The Western States
	11. Quiz 2
	12. Alaska
	13. Hawaii and U.S. Island Possessions
	14. Quiz 3
	15. Special Project*
	16. Review Game
	17. Test
	18. Alternate Test*
	19. Reference

Unit 8: Our Southern Neighbors	
History and Geography 500	Assignments
	1. Mexico: Contrasts in Geography
	2. Mexico: Contrasts in Cultures
	3. Mexico: Contrasts in Daily Life
	4. Quiz 1
	5. Essay: Influence*
	6. Central America: Contrasts in Geography
	7. Report: Continental Divide
	8. Central America: Contrasts in Culture
	9. Central America: Contrasts in Daily Life
	10. Quiz 2
	11. Caribbean Islands
	12. Quiz 3
	13. Special Project*
	14. Review Game
	15. Test
	16. Alternate Test*
	17. Reference

Unit 9: Canada- Our Northern Neighbor	
History and Geography 500	Assignments
	1. Giant of the North
	2. Mosaic of People
	11. Spirit of Friendship
	12. Report: Hudson Bay Company

	3.	Project: Inuits*	13.	Government and Unity
	4.	Searchers of Gold, Glory, and Spices	14.	Provinces of Canada
	5.	Project: Play*	15.	Quiz 3
	6.	Quiz 1	16.	Special Project*
	7.	Glory of New France	17.	Review Game
	8.	A Century of Trial	18.	Test
	9.	Canadian Confederation	19.	Alternate Test*
	10.	Quiz 2	20.	Reference

Unit 10: Review				
History and Geography 500	Assignments			
	1.	European Countries and Explorers	11.	Quiz 3
	2.	New World Colonies-Part 1	12.	Mexico
	3.	New World Colonies-Part 2	13.	Central America, Caribbean Islands, Canada
	4.	Quiz 1	14.	Quiz 4
	5.	War for Independence	15.	Special Project*
	6.	Expansion and More War	16.	Review Game
	7.	Quiz 2	17.	Test
	8.	Industrialization, Immigration, Urbanization	18.	Alternate Test*
	9.	Communication and World Leadership	19.	Reference
	10.	The United States		

## History and Geography 600

History and Geography 600 continues the process of developing in students an understanding of and appreciation for God's activity as seen in the record of man and his relationships. The course focuses on World History, with an emphasis on Western Europe. Specifically, it covers World History from ancient civilizations through the end of the 20th century, highlighting early Christianity (through the Reformation) and the two World Wars. These areas of focus target three major content strands: History, Geography, and Social Studies Skills.

Upon completion of the course, students should be able to do the following:

- Understand the world in spatial terms (according to hemispheres, latitude and longitude, maps, and time zones).
- Understand how cultures differ in each of the hemispheres studied.
- Understand Western civilization from its beginnings to the end of the Renaissance.
- Understand the significant religious, cultural, and scientific events in Europe during the Renaissance.
- Identify cultural and geographic differences between the South American countries studied.
- Identify cultural and geographic differences between the African countries studied.
- Identify key causes, events, and leaders of the two World Wars.
- Understand the history, culture, and politics of Eastern European countries.

Additionally, students will gain practice in report-writing, covering topics like North American geography, the Crusades, the influence of the Renaissance, the Industrial Revolution, and more.

Unit 1: World Geography	
Assignments	
History and Geography 600	1. Course Overview
	2. Latitude and Longitude
	3. Time Zones and Maps
	4. Quiz 1
	5. Western Hemisphere: North America
	6. Project: North America
	7. Western Hemisphere: South America
	8. Quiz 2
	9. Eastern Hemisphere: Africa
	10. Eastern Hemisphere: Europe and Asia
	11. Quiz 3
	12. Southern Hemisphere: Australia and Antarctica
	13. Quiz 4
	14. World Cultures - Part 1
	15. Report: Latin America*
	16. World Cultures - Part 2
	17. World Cultures - Part 3
	18. Quiz 5
	19. Special Project*
	20. Review Game
	21. Test
	22. Alternate Test*
	23. Reference

History and Geography 600	Unit 2: The Cradle of Civilization	
	Assignments	
	1. Mesopotamia: Fertile Crescent and Sumer	8. Egypt - The New Kingdom
	2. Mesopotamia: Babylonia and Assyria	9. Quiz 3
	3. Mesopotamia: Chaldea and Persia	10. Special Project*
	4. Quiz 1	11. Review Game
	5. Israel	12. Test
	6. Quiz 2	13. Alternate Test*
	7. Egypt - The Old Kingdom	14. Reference

History and Geography 600	Unit 3: The Civilizations of Greece And Rome	
	Assignments	
	1. The Civilization of Greece	8. Rome: Christianity, Contributions, Decline
	2. Greece: City-States	9. Quiz 2
	3. Greece: Wars	10. Special Project*
	4. Greece: Contributions	11. Review Game
	5. Quiz 1	12. Test
	6. The Civilization of Rome	13. Alternate Test*
	7. Rome: Power and Culture	14. Reference

History and Geography 600	Unit 4: Life in the Middle Ages	
	Assignments	
	1. The Feudal System	13. Project: Crusade Lessons
	2. Quiz 1	14. Quiz 5
	3. Daily Life	15. The Trade System
	4. Project: The Poor*	16. Quiz 6
	5. Project: Pollution*	17. The Cathedrals
	6. Quiz 2	18. Quiz 7
	7. Books and Schools	19. Special Project*
	8. Project: Scribe*	20. Review Game
	9. Quiz 3	21. Test
	10. Islam	22. Alternate Test*
	11. Quiz 4	23. Reference
	12. The Crusades	

History and Geography 600	Unit 5: Western Europe	
	Assignments	
	1. The Renaissance: Awakening in Learning	10. Report: World War I*
	2. Art, Architecture, and Exploration	11. Age of Unrest: World War II
	3. Religion and Other Fields	12. Quiz 3
	4. Essay: Renaissance Influence	13. Special Project*
	5. Quiz 1	14. Review Game
	6. The Industrial Revolution	15. Test
	7. Project: Industrial Revolution	16. Alternate Test*
	8. Quiz 2	17. Reference
	9. Age of Unrest: World War I	

History and Geography 600	Unit 6: Eastern Europe	
	Assignments	
	1. The Byzantine Empire	9. Communism/The Space Age
	2. The Orthodox Church and Byzantine Art	10. Report: Country

	3. Quiz 1	11. Quiz 3
	4. North and Central Countries	12. Special Project*
	5. Balkan Countries	13. Review Game
	6. Quiz 2	14. Test
	7. Modern History: Communism	15. Alternate Test*
	8. Communism vs Democracy	16. Reference

History and Geography 600	<b>Unit 7: Africa</b>	
	<b>Assignments</b>	
	1. Introduction and Northern Africa	9. Southern African Countries
	2. Northern Coastal and Inland Countries	10. Quiz 3
	3. Essay: Peace*	11. Special Project*
	4. Essay: Treatment of Others	12. Review Game
	5. Quiz 1	13. Test
	6. Central Africa and Western Countries	14. Alternate Test*
	7. Equatorial Countries	15. Reference
	8. Quiz 2	

History and Geography 600	<b>Unit 8: Six South American Countries</b>	
	<b>Assignments</b>	
	1. Brazil: Geography	12. Venezuela: History, Today, and Tomorrow
	2. Brazil: People and History	13. Report: Petroleum*
	3. Brazil: Today and Tomorrow	14. Guyana, Suriname, and French Guiana
	4. Report: Special Times	15. Report: Guianas*
	5. Report: Brazil*	16. Quiz 3
	6. Quiz 1	17. Special Project*
	7. Colombia: Geography and People	18. Review Game
	8. Colombia: History, Today, and Tomorrow	19. Test
	9. Report: A Child in Colombia*	20. Alternate Test*
	10. Quiz 2	21. Reference
	11. Venezuela: Geography and People	

History and Geography 600	<b>Unit 9: Seven South American Countries</b>	
	<b>Assignments</b>	
	1. Ecuador, Peru, and Bolivia: Geography	11. Report: Magellan*
	2. Ecuador, Peru, and Bolivia: People and History	12. Chile
	3. Ecuador, Peru, and Bolivia: Cities and Resources	13. Report: Chile*
	4. Report: Cities	14. Quiz 3
	5. Quiz 1	15. Special Project*
	6. Uruguay	16. Review Game
	7. Paraguay	17. Test
	8. Report: Paraguay and Uruguay*	18. Alternate Test*
	9. Quiz 2	19. Reference
	10. Argentina	

Unit 10: Development of Our World	
History and Geography 600	Assignments
	1. Cradle of Civilization: Mesopotamia
	2. Cradle of Civilization: Egypt and Israel
	3. Quiz 1
	4. Empire of Greece
	5. Empire of Rome
	6. Dark Ages in the Middle Ages
	7. Quiz 2
	8. Western Europe
	9. Age of Unrest
	10. Eastern Europe
	11. Quiz 3
	12. Africa
	13. South America
	14. Quiz 4
	15. Special Project*
	16. Review Game
	17. Test
	18. Alternate Test*
	19. Reference

## History and Geography 700

History and Geography 700 continues the process of developing in students an understanding of and appreciation for God's activity as seen in the record of man and his relationships. The course surveys the social sciences, covering history, geography, anthropology, sociology, economics, and political science. These areas of focus target all five major content strands: History, Geography, Government and Citizenship, Economics, and Social Studies Skills.

Upon completion of the course, students should be able to do the following:

- Understand the historical method.
- Understand the world in spatial terms (according to latitude and longitude, maps, time zones, and Daylight Saving Time).
- Locate and describe different topographical features of the world, such as plains, mountainous regions, rivers, and valleys.
- Locate and describe U.S. regions made up of various groups of states, such as the Northeast and the Midwest.
- Understand the meaning, methods, and goals of anthropology.
- Understand the meaning, methods, and goals of sociology.
- Understand the anthropology and sociology of the United States, especially of Native Americans.
- Know the characteristics of major economic systems—free enterprise and socialism—and the role that government plays in each one.
- Understand and describe contributions made to the area of political science by various political thinkers.
- Understand the structure and functions of American government and economics at the state level.

Additionally, students will gain practice in report-writing, covering topics like topographies of home states, underdeveloped nations, modern political issues, and more.

Unit 1: What is History?	
Assignments	
1. Course Overview	9. Quiz 2
2. The Definition of History	10. Two Views of History
3. Significance: Contributions	11. Quiz 3
4. Significance: Unity and Continuity	12. Special Project*
5. Significance: Conflicts	13. Test
6. Quiz 1	14. Alternate Test*
7. Characteristics of Historians	15. Reference
8. The Historical Method	

<b>Unit 2: What is Geography?</b>	
History and Geography 700	<b>Assignments</b>
	1. Classes of Geography
	2. Shape and Movement of the Earth
	3. Quiz 1
	4. Relief: Plains and Hills
	5. Relief: Mountains and Plateaus
	6. Elevation*
	7. Relief: Rivers, Valleys, Oceans, Seas
	8. Rivers*
	9. The Journey West
	10. Essay: Geography Trip*
	11. Project: Landscape*
	12. Quiz 2
	13. Types of Projections
	14. Places on Maps
	15. Time Changes and Location
	16. Project: Local Map*
	17. Quiz 3
	18. Special Project*
	19. Test
	20. Alternate Test*
	21. Reference

  

<b>Unit 3: The United States</b>	
History and Geography 700	<b>Assignments</b>
	1. Geography: Part 1
	2. Geography: Part 2
	3. Early History
	4. Quiz 1
	5. Northeast
	6. South
	7. Quiz 2
	8. Midwest
	9. West
	10. Project: My Own State
	11. Quiz 3
	12. Special Project*
	13. Test
	14. Alternate Test*
	15. Reference

  

<b>Unit 4: Anthropology - The Study of Mankind</b>	
History and Geography 700	<b>Assignments</b>
	1. Understanding Anthropology
	2. Goals and Methods of Anthropology
	3. Fieldwork
	4. Quiz 1
	5. Unity of Man
	6. Diversity of Man
	7. Quiz 2
	8. Seeking Food
	9. Seeking Protection
	10. Seeking Prosperity
	11. Quiz 3
	12. Special Project*
	13. Test
	14. Alternate Test*
	15. Reference

  

<b>Unit 5: Sociology - Man in Groups</b>	
History and Geography 700	<b>Assignments</b>
	1. Introduction
	2. Historical Development
	3. Social Groups/ Cultural Influence
	4. Social Behavior
	5. Quiz 1
	6. Methods
	7. Quiz 2
	8. Special Project*
	9. Test
	10. Alternate Test*
	11. Reference



Unit 6: Anthropology and Sociology of the United States	
Assignments	
1. Native Americans	9. Quiz 2
2. Northeastern/ Southern Tribes	10. United States as a Melting Pot
3. Midwestern/ Western Tribes	11. Change in Society
4. Other Cultural Groups	12. Quiz 3
5. Essay: Native American Culture	13. Special Project*
6. Quiz 1	14. Test
7. Immigrants From Europe, Asia, and Africa	15. Alternate Test*
8. Other Social Groups/ Religions	16. Reference

Unit 7: Economics - Resources and Needs	
Assignments	
1. Wants and Economic Systems	9. An Experiment in Economy
2. Resources Available and Choice	10. Essay: Economics
3. Report: Underdeveloped Country	11. Quiz 3
4. Quiz 1	12. Special Project*
5. Market Mechanism	13. Test
6. Competition	14. Alternate Test*
7. Role of Government and Money	15. Reference
8. Quiz 2	

Unit 8: Political Science	
Assignments	
1. Areas of Political Science	10. Theory, Practice, and Models
2. Ways of Knowing	11. Essay: Western Political Thought
3. Quiz 1	12. Essay: Political News
4. Contributions: Jewish and Greek Civilizations	13. Quiz 3
5. Essay: Greek Leader*	14. Special Project*
6. Contributions: Christianity	15. Test
7. Report: Roman Leader	16. Alternate Test*
8. Quiz 2	17. Reference
9. Modern Political Thinkers	

Unit 9: Economics and Politics of a State	
Assignments	
1. State Government	9. Politics: Political Parties
2. Structure: Legislative	10. Politics: Viewpoints and Power
3. Structure: Executive and Judicial	11. Quiz 3
4. Quiz 1	12. Special Project*
5. State Finance: Spending and Taxing	13. Test
6. State Finance: Taxing and Borrowing	14. Alternate Test*
7. Essay: Christian/Government	15. Reference
8. Quiz 2	

Unit 10: Social Sciences Review	
Assignments	
1. Meaning of History/ Historical Method	11. Quiz 2

2.	Geography of the Earth	12.	The Discipline of Economics
3.	Geography and Early History of the U.S.	13.	The Discipline of Political Science
4.	Quiz 1	14.	The State
5.	Anthropology	15.	Quiz 3
6.	Sociology	16.	Special Project*
7.	The Nature of Man	17.	Test
8.	The Culture of Man	18.	Alternate Test*
9.	Cultural Groups of the United States	19.	Reference
10.	Immigrants and Social Change		

## History and Geography 800

History and Geography 800 continues the process of developing in students an understanding of and appreciation for God's activity as seen in the record of man and his relationships. The course focuses on American History, covering the subject from early exploration through the present day, with special emphasis given to the Civil War and to inventions and technology of the 19th and early 20th centuries. These areas of focus target three major content strands: History, Geography, and Government and Citizenship.

Upon completion of the course, students should be able to do the following:

- Identify significant explorers, such as Christopher Columbus, Francisco Coronado, Sir Francis Drake, Ferdinand Magellan, Henry Hudson, Jacques Cartier, and Samuel de Champlain, noting their accomplishments.
- Understand how conflict between the American colonies and Great Britain led to American independence.
- Understand political, economic, and social changes that occurred in the United States during the 19th century, including changes resulting from the Industrial Revolution, and explain how these changes led to:
  - movement into the western frontier, and
  - conflict among sections of the United States.
- Describe the causes and effects of the Civil War and its aftermath.
- Describe the causes and effects of both World Wars.
- Understand some of the key challenges facing American society in the late 20th and early 21st centuries.

Additionally, students will gain practice in report-writing, covering topics like the thirteen colonies, the U.S. Constitution, the Civil War, inventors, and more.

Unit 1: European Backgrounds	
Assignments	
1. Course Overview	10. The Dutch Claim New Land
2. Civilization Awakens from Darkness	11. French Trading Interests
3. Exploration Catches Fire	12. Report: New World Explorers
4. Quiz 1	13. Quiz 3
5. Spain Launches Forth	14. Special Project*
6. The East Meets the West	15. Test
7. Spain's Treasure Hunt	16. Alternate Test*
8. Quiz 2	17. Reference
9. Spain's Rivals: English and Dutch Efforts	

Unit 2: The Colonization of America		
History and Geography 800	Assignments	
	1. Competition for Colonial Control	12. Development of Colonial Lifestyles
	2. New France's Southward Expansion	13. Life in a Puritan Community
	3. English Face Unknown Horizons	14. Middle Bread Colonies
	4. Dutch Trading Interests	15. Mid-Atlantic Lifestyles
	5. Quiz 1	16. Southern Plantations
	6. British Colonies: Jamestown	17. Plantation Living
	7. New England Colonies	18. Quiz 3
	8. Middle and Southern Colonies	19. Special Project*
	9. Colonial Governments	20. Test
	10. Report: Original Thirteen Colonies	21. Alternate Test*
	11. Quiz 2	22. Reference
Unit 3: War for Independence		
History and Geography 800	Assignments	
	1. England's Colonial Politics	11. Progress of the War
	2. Discontent of the Indians	12. The Turning Point
	3. British Economy	13. Other Campaigns
	4. Acts of Dismay	14. Yorktown and the Treaty of Paris 1783
	5. Colonial Resistance	15. Report: Battle of Saratoga
	6. Quiz 1	16. Quiz 3
	7. Continental Congress	17. Special Project*
	8. Battles Which Led to War	18. Test
	9. Declaration of Independence	19. Alternate Test*
	10. Quiz 2	20. Reference
Unit 4: The Emergence of a Nation		
History and Geography 800	Assignments	
	1. Thirteen Colonies Become a Free Nation	10. Quiz 2
	2. Report: Americans Working for Rights Today	11. The Growing Nation
	3. The Second Continental Congress	12. Formation of Political Parties
	4. Quiz 1	13. The Nation Suffers Growing Pains
	5. Establishing a Government	14. Americans Move Westward
	6. Report: The Articles of Confederation	15. Quiz 3
	7. The Constitutional Convention	16. Special Project H804D
	8. The United States Constitution	17. Test
	9. Report: Declaration of Independence and Constitution	18. Alternate Test
		19. Reference

Unit 5: The Westward Movement		
Assignments		
History and Geography 800	1. Industrial Revolution in the North	12. Quiz 2
	2. Improved Transportation Systems	13. Development of Western Lands
	3. Erie Canal and Railroads	14. Texas Revolt
	4. Improved Communication Systems	15. The Oregon Question
	5. The Effect of the Industrial Revolution in the South	16. Mexican War
	6. Report: American Inventors	17. California Gold Rush
	7. Quiz 1	18. Quiz 3
	8. Development of Sectional Rivalries	19. Special Project
	9. Missouri Compromise and the Election of 1824	20. Test
	10. The Jacksonian Presidency	21. Alternate Test
	11. Jacksonian Policies	22. Reference
Unit 6: The Civil War		
Assignments		
History and Geography 800	1. Causes of the Civil War	13. Report: Civil War Report
	2. The Institution of Slavery	14. Quiz 2
	3. Slavery Becomes an Issue	15. Reconstruction
	4. Continued Problems with Slavery	16. Johnson Versus Republican Radicals
	5. Events Leading to Secession and War	17. Radical Reconstruction
	6. Essay: Causes of the Civil War	18. Report: Reconstruction and Its Effects
	7. Quiz 1	19. Quiz 3
	8. Preparation for War: The First Battle	20. Special Project*
	9. War Develops in the West	21. Test
	10. Gettysburg and Vicksburg	22. Alternate Test*
	11. The Last Campaigns	23. Reference
	12. The Emancipation Proclamation	
Unit 7: The Industrial Nation		
Assignments		
History and Geography 800	1. European Background of Industry	11. Quiz 2
	2. Beginnings of Industry in England	12. Influence of Industry: Growth of Corporations
	3. Industry in the Colonies	13. Labor Practices: The Advent of Unions
	4. Industry in the New Nation	14. Essay: Workers and Employers
	5. Quiz 1	15. Crisis of the Individual
	6. Early Industry in the United States	16. Report: Achievements of the Industrial Revolution
	7. War's Contribution to Industry	17. Quiz 3
	8. Later Industrial Achievements	18. Special Project*
	9. Further Achievements: Power, Transportation, and Communication	19. Test
	10. Report: Inventors and Inventions	20. Alternate Test*
		21. Reference

Unit 8: Twentieth Century World Power		
History and Geography 800	Assignments	
	1. Overseas Expansion	11. Search for Peace
	2. Spanish-American War	12. Regaining Normalcy
	3. World Awareness	13. A Deceptive Prosperity
	4. Panama Canal	14. Gradual Recovery
	5. Quiz 1	15. Report: Presidents and World War I
	6. Causes of the First World War	16. Quiz 3
	7. Military Movements	17. Special Project*
	8. War on the Continent	18. Test
	9. Cost of Conflict	19. Alternate Test*
	10. Quiz 2	20. Reference
Unit 9: The United States in a Changing World		
History and Geography 800	Assignments	
	1. Between the Wars: New Threats Emerge	13. Reagan, Bush, and Clinton
	2. World War II Begins	14. The United States in the Twenty-First Century
	3. The United States Enters the War	15. Quiz 3
	4. Allied Victory	16. Challenges Today: Technology
	5. Quiz 1	17. Challenges Today: Society
	6. Allied Military Occupation	18. Challenges Today: Religion
	7. Cold War in Europe	19. Quiz 4
	8. Hot War in Asia	20. Special Project*
	9. Trouble Spots Around the World	21. Test
	10. Quiz 2	22. Alternate Test*
	11. Vietnam	23. Reference
	12. Nixon, Ford, and Carter	
Unit 10: American History Review		
History and Geography 800	Assignments	
	1. America's European Background	12. The United States as a World Power
	2. American Colonization	13. World War I
	3. American Revolution	14. Normalcy and Depression
	4. Quiz 1	15. World War II
	5. Establishment of Government	16. The United Nations and the Cold War
	6. The Growth of the United States	17. Quiz 3
	7. Development of Sectional Rivalries	18. Special Project*
	8. Settlement of Western Lands	19. Test
	9. Civil War and Reconstruction	20. Alternate Test*
	10. Quiz 2	21. Reference
	11. Vietnam	23. Reference

## World Geography

World Geography takes students on a journey around the world in which they will learn about the physical and human geography of various regions. They will study the history of each region and examine the political, economic, and cultural characteristics of the world in which we live. Students will also learn about the tools and technologies of geography such as globes, maps, charts, and global information systems.

Upon completion of the course, students should be able to do the following:

- Select and use geographic tools to get information and make predictions.
- Compare places based upon their similarities and differences.
- Identify geographic factors that influenced historic events.
- Evaluate the interrelatedness and interdependence of physical and human systems and their impact on our earth.
- Analyze the role played by culture in the spatial organization of the earth.
- Define the key geographic concerns facing the world and strategize methods to deal with these issues in the future.

Students will also gain practice in writing and note-taking. They will be asked to create graphic organizers, conduct research, analyze information, and write essays on topics such as current events, energy resources, national parks, and more.

Unit 1: Introduction to Geography		
Assignments		
World Geography	1. Course Overview	13. Physical Processes: The Atmosphere and the Hydrosphere
	2. What Is Geography?	14. Physical Processes: The Lithosphere and the Biosphere
	3. Project: Note It!*	15. Ecosystems
	4. Geographic Tools: Globes and Maps	16. Project: Map It!*
	5. Geographic Tools: Graphs, Charts, and More	17. Quiz 3: Our Earth
	6. Quiz 1: Introduction to Geography	18. Special Project*
	7. Geographic Themes: Location and Place	19. Review
	8. Geographic Themes: Human-Environmental Interaction and Movement	20. Test
	9. Geographic Themes: Regions	21. Alternate Test*
	10. Project: Summarize It!	22. Glossary and Credits
	11. Quiz 2: Geographic Themes	
	12. Physical Characteristics	

Unit 2: Human Geography		
World Geography	Assignments	
	1. Where People Live	10. Historical Perspectives
	2. Settlement and Movement	11. Project: Analyze It!
	3. Quiz 1: Where We Live	12. Quiz 3: Interactions
	4. Cultural Mosaics	13. Special Project*
	5. Economics	14. Review
	6. Conflict and Cooperation	15. Test
	7. Quiz 2: Why Do People Live Where They Do?	16. Alternate Test*
	8. Humans and Their Environment - Part 1	17. Glossary and Credits
	9. Humans and Their Environment - Part 2	
Unit 3: North America		
World Geography	Assignments	
	1. North America in Spatial Terms	11. Environment and Society
	2. The United States: The Northeast and the South	12. Historical Perspectives
	3. The United States: The Midwest and the West	13. Project: Analyze It!
	4. Canada and Greenland	14. Quiz 3: Uses of Geography
	5. Mexico	15. Special Project*
	6. Quiz 1: Physical Geography	16. Review
	7. Settlement and Movement	17. Test
	8. Culture	18. Alternate Test*
	9. Economics and Politics	19. Glossary and Credits
	10. Quiz 2: Human Geography	
Unit 4: Central America, South America, and the Caribbean		
World Geography	Assignments	
	1. Central America	10. Historical Perspectives
	2. South America	11. Project: Consider It!
	3. The Caribbean	12. Looking Ahead
	4. Quiz 1: Physical Geography	13. Quiz 3: Uses of Geography
	5. Settlement and Movement	14. Special Project*
	6. Culture	15. Review
	7. Economics and Politics	16. Test
	8. Quiz 2: Human Geography	17. Alternate Test*
	9. Environment and Society	18. Glossary and Credits
Unit 5: Oceania, Australasia, and Antarctica		
World Geography	Assignments	
	1. Oceania, Australasia, and Antarctica in Spatial Terms	10. Environment and Society
	2. Micronesia, Melanesia, and Polynesia	11. Historical Perspectives
	3. Australia and New Zealand	12. Project: Analyze It!*
	4. Antarctica	13. Quiz 3: Uses of Geography
	5. Quiz 1: Physical Geography	14. Special Project*
	6. Settlement and Movement	15. Review
	7. Culture	16. Test
	8. Economics and Politics	17. Alternate Test*
	9. Quiz 2: Human Geography	18. Glossary and Credits



Unit 6: Semester Review and Exam		
WG	<b>Assignments</b>	
	1. Review	3. Alternate Exam – Form A*
	2. Exam	4. Alternate Exam – Form B*

Unit 7: Western Europe		
World Geography	<b>Assignments</b>	
	1. Northern Region	10. Environment and Society
	2. Western Central Region	11. Historical Perspectives
	3. Southern Region	12. Quiz 3: Uses of Geography
	4. Quiz 1: Physical Geography	13. Special Project*
	5. Settlement and Movement	14. Review
	6. Culture	15. Test
	7. Economics and Politics	16. Alternate Test*
	8. Project: Chart It!	17. Glossary and Credits
	9. Quiz 2: Human Geography	

Unit 8: Eastern Europe and Russia		
World Geography	<b>Assignments</b>	
	1. Central Region	10. Historical Perspectives
	2. Balkan Region	11. Project: Report It!
	3. Eastern Region	12. Quiz 3: Uses of Geography
	4. Quiz 1: Physical Geography	13. Special Project*
	5. Settlement and Movement	14. Review
	6. Culture	15. Test
	7. Economics and Politics	16. Alternate Test*
	8. Quiz 2: Human Geography	17. Glossary and Credits
	9. Environment and Society	

Unit 9: Sub-Saharan Africa		
World Geography	<b>Assignments</b>	
	1. Sub-Saharan Africa in Spatial Terms	10. Historical Perspectives
	2. West and Central Africa	11. Quiz 3: Uses of Geography
	3. East and Southern Africa	12. Project: Solve It!
	4. Quiz 1: Physical Geography	13. Special Project*
	5. Settlement and Movement	14. Review
	6. Culture	15. Test
	7. Economics and Politics	16. Alternate Test*
	8. Quiz 2: Human Geography	17. Glossary and Credits
	9. Environment and Society	

Unit 10: North Africa and Southwest Asia		
World Geography	Assignments	
	1. North Africa	10. Historical Perspectives
	2. Southwest Asia: The Middle East	11. Project: Evaluate It!
	3. Southwest Asia: The Arabian Peninsula	12. Quiz 3: Uses of Geography
	4. Quiz 1: Physical Geography	13. Special Project*
	5. Settlement and Movement	14. Review
	6. Culture	15. Test
	7. Economics and Politics	16. Alternate Test*
	8. Quiz 2: Human Geography	17. Glossary and Credits
	9. Environment and Society	
Unit 11: Central, South, East, and Southeast Asia		
World Geography	Assignments	
	1. Central Asia	11. Environment: South and Southeast Asia
	2. South Asia	12. Environment: East Asia
	3. East Asia	13. Project: Analyze It!
	4. Southeast Asia	14. Quiz 3: Uses of Geography
	5. Quiz 1: Physical Geography	15. Special Project*
	6. Historical Perspectives: South and Southeast Asia	16. Review
	7. Historical Perspectives: East Asia	17. Test
	8. Culture	18. Alternate Test*
	9. Quiz 2: Human Geography	19. Glossary and Credits
	10. Economics and Politics	
Unit 12: Semester Review and Exam		
WG	Assignments	
	1. Review	3. Alternate Exam – Form A*
	2. Exam	4. Alternate Exam – Form A*
Unit 12: Final Exam		
WG	Assignments	
	1. Exam	3. Alternate Exam – Form B*
	2. Alternate Exam – Form A*	

## World History

World History continues the process of developing in students an understanding of and appreciation for God's activity as seen in the record of man and his relationships. With an emphasis on Western Europe, the course surveys ancient civilizations to the end of the 20th century, highlighting early Christianity (through the Reformation) and the two World Wars. These areas of focus target three major content strands: History, Geography, and Social Studies Skills.

Upon completion of the course, students should be able to do the following:

- Understand Western civilization from its beginnings to the present day.
- Understand the significant political and economic transformations and significant cultural and scientific events in Europe during the Renaissance.
- Understand significant religious and societal issues from the Renaissance through the Reformation.
- Understand the significant social and political developments in Europe and America brought on by the English, American, and French Revolutions.
- Understand the effects of the Industrial Revolution.
- Analyze major historical and political events of the 20th century, including the two World Wars, the Cold War, and the Vietnam War.

Additionally, students will gain practice in report-writing, covering topics like the rise of Christianity, the U.S. Constitution, communism versus free enterprise, the United Nations, and more.

Unit 1: Ancient Civilizations I		
Assignments		
World History	1. Course Overview	12. Babylonian and Assyrian Civilization
	2. Elements of Civilization	13. Assyrian History
	3. Origin of Man	14. Neo-Babylonian Empire
	4. Fall of Man and Flood From God	15. Quiz 3: Assyrian and Babylonian Civilizations
	5. Origin of Civilization	16. Persian Civilization
	6. Origin of Nations	17. Quiz 4: Ancient Civilizations
	7. Quiz 1: Meaning and Origin of Civilization	18. Special Project*
	8. Early Egyptian Geography and History	19. Test: Ancient Civilizations I
	9. Early Egyptian Empire	20. Alternate Test: Ancient Civilizations I*
	10. Early Egyptian Civilization	21. Glossary and Credits
	11. Quiz 2: Early Egyptian Civilization	

Unit 2: Ancient Civilizations II		
Assignments		
World History	1. The Eastern World: India	11. Rome: The Empire
	2. The Eastern World: China	12. Rome: Decline of the Empire
	3. Quiz 1: India and China	13. Christianity and the Roman Empire
	4. Greece: Geography and History	14. Report: The Rise of Christianity
	5. Greece: Dark Ages	15. Quiz 3: The Roman Empire
	6. Greece: 550-405 B.C.	16. Special Project*
	7. Greece: 359-31 B.C.	17. Test: Ancient Civilizations II
	8. Greece: Culture	18. Alternate Test: Ancient Civilizations II*
	9. Quiz 2: The Greek Civilization	19. Glossary and Credits
	10. Rome: Pre-Republic and Republic	
Unit 3: The Medieval World		
Assignments		
World History	1. The Middle Ages: An Introduction	8. High Middle Ages: Monarchies and the Church
	2. Early Middle Ages	9. High Middle Ages: The Byzantine Empire and Other World Powers
	3. Quiz 1: The Early Middle Ages	10. Quiz 3: The High Middle Ages
	4. Transition: The Continent and New Invasions	11. Special Project*
	5. Transition: England, the Church, and the Growth of Islam	12. Test: The Medieval World
	6. Quiz 2: The Middle Ages in Transition	13. Alternate Test: The Medieval World*
	7. High Middle Ages: Setting	14. Glossary and Credits
Unit 4: Renaissance and Reformation		
Assignments		
World History	1. Renaissance Government: France and England	10. England: Mary I and Elizabeth I
	2. Renaissance Government: Italy and Spain	11. Reform Within the Catholic Church
	3. Developments in Art	12. Wars of Religion
	4. Changes in Literature and Thought	13. Quiz 2: The Reformation
	5. Advances in Science	14. Special Project*
	6. Quiz 1: The Renaissance	15. Test: Renaissance and Reformation
	7. The Reformation: Wycliffe, Huss, and Luther	16. Alternate Test: Renaissance and Reformation*
	8. The Reformation: Zwingli, Grebel, Calvin, and Knox	17. Glossary and Credits
	9. England: Henry VIII and Edward VI	
Unit 5: Growth of World Empires		
Assignments		
World History	1. Absolutism in England: 16-17th Centuries	11. Austria, Germany, and Italy
	2. Absolutism in England: 17th Century	12. Report: Prussia*
	3. Absolutism in France	13. The Ottoman Empire
	4. Report: Versailles	14. Quiz 3: Austria, Germany, Italy, and the Ottoman Empire
	5. English Mercantilism	15. Special Project*
	6. French Mercantilism and Colonial Rivalry	16. Test: Growth of World Empires
	7. Quiz 1: England and France	17. Alternate Test: Growth of World Empires*
	8. Portugal	18. Glossary and Credits
	9. Spain	
	10. Quiz 2: Portugal and Spain	

Unit 6: The Age of Revolution		
Assignments		
World History	1. English Revolution: Divine Right (Cavaliers)	11. French Revolution: Old Regime
	2. English Revolution: Divine Right (Roundheads)	12. French Revolution: New Leadership
	3. English Revolution: People's Choice	13. Report: Napoleon*
	4. Quiz 1: English Revolution	14. Report: Napoleon and Modern Society
	5. American Revolution: British Background	15. Quiz 3: French Revolution
	6. Report: Boston Tea Party*	16. Special Project*
	7. American Revolution: American Frontier	17. Test: The Age of Revolution
	8. Report: 1770s Colonist*	18. Alternate Test: The Age of Revolution*
	9. Report: Constitution	19. Glossary and Credits
	10. Quiz 2: American Revolution	
Unit 7: The Industrial Revolution		
Assignments		
World History	1. England: Sparks of Preparation	9. Social Changes: Positive Contributions
	2. England: Fires of Continuation	10. Report: Socialism or Free Enterprise
	3. Quiz 1: Industrial Revolution in England	11. Quiz 3: Social Changes of the Industrial Revolution
	4. United States: Industrial Climate	12. Special Project*
	5. United States: Industrial Progress	13. Test: The Industrial Revolution
	6. Report: Industrial Revolution Biography	14. Alternate Test: The Industrial Revolution*
	7. Quiz 2: Industrial Revolution in the United States	15. Glossary and Credits
	8. Social Changes: Negative Drawbacks	
Unit 8: Two World Wars		
Assignments		
World History	1. World War I: Mounting Tensions	13. World War II: Battle Fronts
	2. World War I: Erupting Conflicts	14. Report: Allied Battle Strategy
	3. World War I: Counter-Aggression	15. World War II: Battles in the Pacific
	4. Quiz 1: World War I	16. Peace Efforts
	5. The Russian Revolution: 1905	17. Unification
	6. The Russian Revolution: 1917	18. Report: Twentieth Century
	7. Peace Initiative	19. Quiz 3: World War II
	8. Post-War Attitudes	20. Special Project*
	9. Report: Comfort in the Depression*	21. Test: A Revolution and Two World Wars
	10. Power Quests	22. Alternate Test: A Revolution and Two World Wars*
	11. Military Aggression	23. Glossary and Credits
	12. Quiz 2: Between the Wars	

Unit 9: The Contemporary World		
Assignments		
World History	1. Origins of the Cold War	12. South America
	2. United Nations and the Marshall Plan	13. Quiz 2: The Western Hemisphere Today
	3. Report: The United Nations	14. Europe
	4. The Course of the Cold War	15. Africa
	5. The Vietnam War and Invasions	16. Asia
	6. The End of the Cold War	17. The Far East and Australia
	7. Report: The Cold War	18. Quiz 3: The Eastern Hemisphere Today
	8. Quiz 1: The Cold War	19. Special Project*
	9. North America	20. Test: The Contemporary World
	10. Central America and the Caribbean Islands	21. Alternate Test: The Contemporary World*
	11. Report: Central American Governments*	22. Glossary and Credits

  

Unit 10: Ancient Times to the Present		
Assignments		
World History	1. Ancient Civilizations	11. Quiz 2: The Renaissance and Reformation
	2. Greeks, Romans, and Other Ancient Cultures	12. The Modern World: Revolutions
	3. Medieval Times: Invasions and Feudalism	13. The Industrial Revolution
	4. Medieval Culture and the Church	14. Two World Wars and Attempts at Peace
	5. Quiz 1: Ancient Civilizations and Medieval Times	15. Current Events
	6. Politics of the Renaissance	16. Quiz 3: The Modern World
	7. Art and Sciences of the Renaissance	17. Special Project*
	8. The Reformation	18. Test: Ancient Times to the Present
	9. Absolutism	19. Alternate Test: Ancient Times to the Present*
	10. Exploration	20. Glossary and Credits

## American History

American History continues the process of developing in students an understanding of and appreciation for God's activity as seen in the record of man and his relationships. The course covers early American exploration to the present day, placing special emphasis on the politics of the 18th and early 19th centuries and the Civil War. These areas of focus target three major content strands: History, Geography, and Government and Citizenship.

Upon completion of the course, students should be able to do the following:

- Understand how conflict between the American colonies and Great Britain led to American independence.
- Understand political, economic, and social changes that occurred in the United States during the 19th century, including changes resulting from the Industrial Revolution.
- Explain how political, economic, and social changes in the U.S. led to conflict among sections of the United States in the 19th century.
- Describe the causes and effects of the Civil War and its aftermath.
- Describe the causes and effects of both World Wars.
- Understand some of the key challenges facing American society in the late 20th and early 21st centuries.

Additionally, students will gain practice in writing essays and reports, covering topics like the Monroe Doctrine, the states' rights debate, the Lincoln-Douglas debates, isolationism, the New Deal, the Korean conflict, and more.

Unit 1: Foundations of the American Republic	
American History	Assignments
	1. Course Overview
	2. Revival of Trade and Commerce
	3. New Ideas and Religious Changes
	4. Quiz 1: Foundation of the American Republic
	5. Colonization Begins in the New World
	6. Project: Jamestown*
	7. Puritan Background and Plymouth Settlement
	8. Puritan Migration and the Settlement of New England
	9. Quiz 2: Colonization Begins
	10. The Middle Colonies
	11. The Southern Colonies
	12. Growth of the Colonies
	13. Quiz 3: Middle and Southern Colonies
	14. Special Project*
	15. Test
	16. Alternate Test*
	17. Reference

Unit 2: Development of Constitutional Government	
American History	Assignments
	1. Relations with England
	2. French and Indian War
	3. Colonial Resistance
	4. Quiz 1: Relations with England
	5. Second Continental Congress
	6. Opposition and Aid
	7. War in the South and West
	8. Quiz 2: The Revolutionary War
	9. Birth of a Nation
	10. Articles of Confederation
	11. Constitution of the United States
	12. Essay: Constitutional Republic
	13. Quiz 3: Birth of a Nation
	14. Special Project*
	15. Test
	16. Alternate Test*
	17. Reference

Unit 3: National Expansion	
American History	Assignments
	1. Federal Government
	2. First Political Parties
	9. Essay: Foreign Policy
	10. Sectionalism and the Jackson Administration

	3. Essay: Responsibilities*	11. Essay: Missouri Compromise*
	4. Quiz 1: Ship of State	12. Quiz 3: Nationalism and Sectionalism
	5. The Revolution of 1800	13. Special Project*
	6. The War of 1812	14. Test
	7. Quiz 2: Revolution of 1800 and War of 1812	15. Alternate Test*
	8. Nationalism and the Monroe Administration	16. Reference

Unit 4: A Nation Divided		
American History	Assignments	
	1. The Emergence of Sectionalism	10. The Politics of Slavery
	2. Project: Leaders of the States' Rights Debate	11. Essay: Escaped Slave*
	3. The Division of Land	12. Report: Slave Codes
	4. The Establishment of New Territory	13. Quiz 2: The Emergence of Slavery
	5. The Division of the People	14. Special Project*
	6. Essay: Lincoln/Douglas Debates	15. Test
	7. Quiz 1: The Emergence of Sectionalism	16. Alternate Test*
	8. The Emergence of Slavery	17. Reference
	9. Essay: Free-born Residents*	

Unit 5: A Nation Divided and United		
American History	Assignments	
	1. Regional Lifestyles: The East and West	9. Reconstruction
	2. Regional Lifestyles: The South	10. Report: Reconstruction Scandals
	3. Quiz 1: Regional Lifestyles	11. Quiz 3: Reconstruction
	4. Civil War: Division and Antagonism	12. Special Project*
	5. Essay: The Trent Affair	13. Test
	6. Civil War: Union Blockade and Hostilities	14. Alternate Test*
	7. The Civil War: Final Phase	15. Reference
	8. Quiz 2: Civil War	

Unit 6: United States Involvement at Home and Abroad		
American History	Assignments	
	1. U.S. Industry: Birth and Growth	10. Essay: Isolation and Involvement
	2. U.S. Industry: Economic Expansion	11. Quiz 3: Foreign Policy
	3. Quiz 1: Industrial Growth in the United States	12. March Toward Conflict: Causes
	4. Industrial Lifestyle: Trends	13. March Toward Conflict: Factions
	5. Industrial Lifestyle: Labor Movement	14. Quiz 4: March Toward Conflict
	6. Quiz 2: Industrial Lifestyle	15. Special Project*
	7. Foreign Policy: Isolationism	16. Test
	8. Essay: Seward's Proposal	17. Alternate Test*
	9. Foreign Policy: International Realism	18. Reference



Unit 7: The Search for Peace	
American History	Assignments
	1. The First Global Conflict
	2. A Plan For Peace
	3. Report: A Just Peace*
	4. Quiz 1: The Great War and Its Aftermath
	5. The Golden Twenties
	6. Quiz 2: The Golden Twenties
	7. The Great Depression
	8. Essay: Foreign Policy
	9. Quiz 3: The Great Depression
	10. The New Deal
	11. Essay: New Deal*
	12. Quiz 4: The New Deal
	13. Special Project*
	14. Test
	15. Alternate Test*
	16. Reference

Unit 8: A Nation at War	
American History	Assignments
	1. World War II: Causes of the War
	2. World War II: Theaters of Operation
	3. Quiz 1: World War II
	4. Communist Threat: World Unrest
	5. Korean Conflict: The Cold War Becomes Hot
	6. Report: Containment Policy
	7. Quiz 2: Korean Conflict
	8. Vietnam: Fighting Communism in S.E. Asia
	9. Vietnam: Withdrawal by the United States
	10. Report: Biography*
	11. Quiz 3: Vietnam Conflict
	12. Special Project*
	13. Test
	14. Alternate Test*
	15. Reference

Unit 9: Contemporary America	
American History	Assignments
	1. America in the 1960s: Part 1
	2. Report: Kennedy Assassination
	3. Report: I Have a Dream*
	4. America in the 1960s: Part 2
	5. The International Scene of the 1960s
	6. Quiz 1: America in the 1960s
	7. America in the 1970s: Part 1
	8. America in the 1970s: Part 2
	9. The International Scene of the 1970s
	10. Quiz 2: America in the 1970s
	11. America in the 1980s and 1990s: Part 1
	12. America in the 1980s and 1990s: Part 2
	13. America in a New Century
	14. Quiz 3: America in the 1980s and 1990s
	15. The International Scene - 1980-Present: Part 1
	16. The International Scene - 1980-Present: Part 2
	17. Our Nation Saw Evil. . .
	18. America's Department of Homeland Security*
	19. Report: Department of Homeland Security*
	20. Terrorism Has a Name: Bin Laden
	21. Quiz 4: The International Scene 1980-1995
	22. Special Project*
	23. Test
	24. Alternate Test*
	25. Reference

Unit 10: United States History Review		
Assignments		
American History	1. Changes in Europe	16. Essay: Roosevelt's New Deal
	2. Early Colonization	17. World War I
	3. Quiz 1: Europe and the American Colonies	18. Quiz 4: Industrialization of the United States
	4. Rising Tensions in the Colonies	19. The United States: From World War II to Vietnam
	5. Second Continental Congress	20. Essay: Vietnam War*
	6. Colonial Government	21. From John F. Kennedy to Gerald R. Ford
	7. Quiz 2: The American Revolution	22. Essay: President Kennedy
	8. United States of the 1800s	23. From Jimmy Carter to George W. Bush
	9. Jackson Era	24. Quiz 5: Current History of the United States
	10. Report: Regional Lifestyles	25. The '80s and Beyond
	11. Report: Sectionalism and Slavery*	26. Quiz 6: The 80s and 90s
	12. Civil War	27. Special Project*
	13. Reconstruction of the South	28. Test
	14. Quiz 3: United States of the 1800's	29. Alternate Test*
	15. Industrialization of the United States	30. Reference

## Government and Economics

Government and Economics continues the process of developing in students an understanding of and appreciation for God's activity as seen in the record of man and his relationships. The course focuses on two major areas: Government, with special emphasis on American government, and Economics, with special emphasis on personal finance. These areas of focus target three major content strands: History, Government and Citizenship, and Economics.

Upon completion of the course, students should be able to do the following:

- Understand the basics of various philosophies of government.
- Understand the structure and functions of government and how the principles and values of American democracy (e.g., limited government and popular sovereignty) are reflected in American constitutional government.
- Understand how the overall design, as well as specific features of the U.S. Constitution prevent the abuse of power by using a system of checks and balances (e.g., federalism).
- Understand the role of political parties, the media, and the public on the political process.
- Know the characteristics of different economic systems (e.g., capitalism, mixed economy, communism).
- Understand basic terms associated with economic performance and the state of the economy (e.g., supply and demand, inflation, monopoly).

Additionally, students will gain practice in writing essays and reports, covering topics like elected officials, the Supreme Court, Christians in politics, on-line banking, the euro, and more.

Government and Economics	Unit 1: International Governments	
	Assignments	
	1. Course Overview	10. Aquinas, Aristotle, and Engels
	2. Why Have Governments?	11. Machiavelli, Marx, and Milton
	3. Types of Governments	12. Report: Governmental Officials
	4. A List of Government Terms	13. Quiz 3: Political Thinkers
	5. Quiz 1: Government	14. Special Project*
	6. Presidential Governments	15. Test
	7. Parliamentary Governments	16. Alternate Test*
	8. Quiz 2: Forms of Government	17. Reference
	9. One-Party and Multiparty Governments	

Government and Economics	Unit 2: United States Government	
	Assignments	
	1. United States Constitution	9. Quiz 2: Branches of Government
	2. The Bill of Rights	10. How a Bill Becomes Law: Part 1
	3. States' Rights and Responsibilities	11. How a Bill becomes Law: Part 2
	4. Quiz 1: United States Government	12. Quiz 3: How a Bill Becomes Law
	5. Executive Branch	13. Special Project*
	6. Judicial Branch	14. Test
	7. Report: Supreme Court	15. Alternate Test*
	8. Legislative Branch	16. Reference

Government	Unit 3: The American Party System	
	Assignments	

	1. The American Party System	9. Quiz 2: Political Parties
	2. Development of American Political Parties	10. Making Voting More Effective
	3. Republican and Third Parties	11. Voting in Elections
	4. Report: The American Party System	12. Quiz 3: Voting
	5. Quiz 1: The American Party System	13. Special Project*
	6. How Do You Form a Political Party?	14. Test
	7. Organization of a Political Party	15. Alternate Test*
	8. Nominations and Elections	16. Reference

Government and Economics	<b>Unit 4: History of Governments</b>	
	<b>Assignments</b>	
	1. A Primitive Government Primer	9. Quiz 2: Feudalism, Theocracy, and Democracy
	2. Beginning of Democracy: Ancient Greece	10. Fascism
	3. Ancient Roman Government	11. Nazism
	4. Quiz 1: A Primitive Government Primer	12. Quiz 3: Fascism and Nazism
	5. Feudalism	13. Special Project*
	6. Report: Feudalism	14. Test
	7. Theocracy	15. Alternate Test*
	8. Democracy	16. Reference

Government and Economics	<b>Unit 5: The Christian and His Government</b>	
	<b>Assignments</b>	
	1. The Christian and American Government	9. The Good and the Bad of Propaganda
	2. Discrimination and the Christian	10. Quiz 3: Involvement in Politics and the Community
	3. Christian Attitudes in American Society	11. Report: The Christian and His Government
	4. Quiz 1: The Christian and Government	12. Special Project*
	5. The Christian and Public Opinion	13. Test
	6. The Christian and Media	14. Alternate Test*
	7. Quiz 2: Christian Attitudes and Public Polls	15. Reference
	8. Can I Get Involved in Politics?	

Government and Economics	<b>Unit 6: Free Enterprise</b>	
	<b>Assignments</b>	
	1. Economics	9. International Finance
	2. Economic Terms	10. U.S. Currency in History
	3. How Does an Economy Grow?	11. Quiz 3: Currency and Reserves
	4. Quiz 1: Economics	12. Special Project*
	5. A Guide to Learning World Financial Terms	13. Test
	6. Unions and Labor	14. Alternate Test*
	7. Money: Its Use Through History	15. Reference
	8. Quiz 2: Finance and Labor	

Government and Economics	<b>Unit 7: Business and You</b>	
	<b>Assignments</b>	
	1. Running a Business	9. Bankruptcy
	2. Caveat Emptor	10. Quiz 3: Business Concerns - Deregulation and Bankruptcy
	3. Government and Business	11. Report: Business and You
	4. Quiz 1: Business and the Consumer	12. Special Project*
	5. Federal Reserve System	

6. Monopolies	13. Test
7. Quiz 2: Business and You	14. Alternate Test*
8. Deregulation	15. Reference

Government and Economics	Unit 8: The Stock Market	
	Assignments	
	1. The Stock Market: How It Started	9. Tracking Stocks in the Newspaper
	2. The Stock Market: How It Works	10. Quiz 3: Types of Stocks
	3. Selling, Buying, and Brokers	11. Report: Stock Market Investing
	4. Quiz 1: The Stock Market	12. Special Project*
	5. Selecting Stocks	13. Test
	6. What Causes the Stock Market to Crash?	14. Alternate Test*
	7. Quiz 2: Selecting Stocks	15. Reference
	8. Types of Stocks	

Government and Economics	Unit 9: Budget and Finance	
	Assignments	
	1. Your Personal Finances	8. Quiz 2: Savings and Loans and Credit Unions
	2. Spend Your Money Wisely	9. Report: Banking
	3. Checking Accounts	10. Special Project*
	4. College Grants and Loans	11. Test
	5. Quiz 1: Your Personal Finances	12. Alternate Test*
	6. IRA Accounts	13. Reference
	7. Buying a Car	

Government and Economics	Unit 11: International Issues	
	Assignments	
	1. World of the Euro	9. Close Trading Partners
	2. Report: The Euro and Its Impact	10. The Holy Land and Current Issues
	3. Centers of International Finance	11. Christian Heroes and Their Lands
	4. Quiz 1: Euro and International Finance	12. Report: Israel
	5. The Global Traveler	13. Quiz 3: Neighbors, Heroes, and the Holy Land
	6. U.S. States and Capital Cities (1)	14. Special Project*
	7. U.S. States and Capital Cities (2)	15. Test
	8. Quiz 2: U.S States, Capital Cities, and the Global Traveler	16. Alternate Test*
		17. Reference

# English Language Arts

## Language Arts 300

Language Arts 300 focuses on the sequential development and integration of communication skills in four major areas—reading, writing, speaking, and listening. It most specifically focuses on deepening and furthering students' understanding in the following ways:

- **Unit 1:** Understand and recognize rules for capitalization and vowels, as well as identifying a main idea.
- **Unit 2:** Write complete sentences with proper capitalization and organize words into alphabetical order.
- **Unit 3:** Apply understanding of dictionary use, identifying word parts, and defining vocabulary.
- **Unit 4:** Differentiate parts of speech, irregular vowel sounds, as well as practicing reading comprehension strategies.
- **Unit 5:** Use commas properly and recognize words with silent letters.
- **Unit 6:** Identify cause and effect in a passage, recognize homographs, and read and understand Haiku poetry.
- **Unit 7:** Use suffixes and pronouns to improve writing such as friendly letters, as well as applying strategies for following directions.
- **Unit 8:** Read and describe parts of a play and recognize root words and adjectives that compare.
- **Unit 9:** Apply reading strategies of classifying, references, and predictions, as well as write thank-you letters.

Unit 1: Vowels, Main Idea, Capitalization	
Assignments	
Language Arts 300	1. Course Overview
	2. Language Arts Symbols
	3. Spelling with Short Vowels
	4. Quiz 1
	5. Spelling Quiz 1
	6. Reading to Find the Main Idea
	7. Project: Book Report*
	8. Project: Learning a New Language*
	9. Spelling with Short Vowels
	10. Quiz 2
	11. Spelling Quiz 2
	12. Grammar: Complete Sentences; Capitalization
	13. Quiz 3
	14. Grammar: Punctuation
	15. Spelling with Silent Letters
	16. Quiz 4
	17. Spelling Quiz 3
	18. Special Project*
	19. Review Game
	20. Test
	21. Alternate Test*
	22. Reference

Unit 2: Sentences, Capitalization, ABC Order		
Language Arts 300	Assignments	
	1. Grammar: Sentence Sense; Capital Letters (1)	13. Quiz 3
	2. Project: Book Report—Poetry*	14. Spelling Quiz 3
	3. Spelling with Long Vowels	15. Spelling with Vowel Pairs
	4. Quiz 1	16. Writing a Story
	5. Spelling Quiz 1	17. Quiz 4
	6. Grammar: Capital Letters (2)	18. Spelling Quiz 4
	7. Reading Comprehension	19. Special Project*
	8. Spelling Words That Sound or Look Alike	20. Review Game
	9. Quiz 2	21. Test
	10. Spelling Quiz 2	22. Alternate Test*
	11. Grammar: Alphabetical Order	23. Reference
	12. Spelling with Silent E	
Unit 3: Dictionary Skills, Word Parts, Vocabulary		
Language Arts 300	Assignments	
	1. Grammar: Using the Dictionary	15. Spelling Antonym Pairs
	2. Project: Making Your Own Dictionary*	16. Quiz 3
	3. Grammar: Capital Letters (1)	17. Spelling Quiz 3
	4. Spelling with r-Controlled Vowels	18. Grammar: Capital Letters (2)
	5. Quiz 1	19. Grammar: Synonyms
	6. Spelling Quiz 1	20. Project: Writing a Story about Pets*
	7. Grammar: Word Parts (1)	21. Spelling with or
	8. Grammar: Word Parts (2)	22. Quiz 4
	9. Spelling with ar	23. Spelling Quiz Four
	10. Quiz 2	24. Special Project*
	11. Spelling Quiz 2	25. Review Game
	12. Grammar: Antonyms	26. Test
	13. Reading: Vocabulary	27. Alternate Test*
	14. Project: Book Report--Folk Tales*	28. Reference
Unit 4: Parts Of Speech, Irregular Vowels, Comprehension		
Language Arts 300	Assignments	
	1. Grammar: Nouns	14. Quiz 3
	2. Grammar: Adjectives	15. Grammar: Reviewing Words and Word Parts
	3. Spelling Words with Irregular Vowel Sounds	16. Reading: A Big Surprise
	4. Quiz 1	17. Project: Gideon Today
	5. Spelling Quiz 1	18. Project: Book Report: Biography*
	6. Grammar: Verbs	19. Spelling with y as a Vowel
	7. Grammar: Adverbs	20. Quiz 4
	8. Spelling with w-controlled Vowels	21. Spelling Quiz 3
	9. Quiz 2	22. Special Project*
	10. Spelling Quiz 2	23. Review Game
	11. Grammar: Punctuation Marks	24. Test
	12. Grammar: Using Capital Letters	25. Alternate Test*
	13. Grammar: Using the Dictionary	26. Reference

Unit 5: Reading to Understand, Commas, Silent Letters		
Language Arts 300	Assignments	
	1. Reading (1)	12. Spelling Quiz 2
	2. Grammar: Review	13. Grammar: Reviewing Capital Letters
	3. Project: Vowels*	14. Grammar: Punctuation Marks
	4. Spelling with Different Vowel Sounds	15. Spelling with Suffixes
	5. Quiz 1	16. Quiz 3
	6. Spelling Quiz 1	17. Spelling Quiz 3
	7. Reading: Comprehension	18. Special Project*
	8. Reading: Story Elements	19. Review Game
	9. Project: Book Report--Animal Stories*	20. Test
	10. Spelling with Silent gh	21. Alternate Test*
	11. Quiz 2	22. Reference
Unit 6: Cause and Effect, Homographs, Haiku Poetry		
Language Arts 300	Assignments	
	1. Character/Main Idea/Details in a Parable	12. Spelling Quiz 3
	2. Spelling with -eer and -ion	13. Reading: Haiku Poetry, Homographs
	3. Quiz 1	14. Project: Book Report--Haiku Poetry*
	4. Spelling Quiz 1	15. Project: Haiku Poetry
	5. Grammar: Capitalizing Titles; Using Commas	16. Spelling with -ei and -ie
	6. Spelling with the Letter G	17. Quiz 4
	7. Quiz 2	18. Spelling Quiz 4
	8. Spelling Quiz 2	19. Special Project*
	9. Sequence/Cause and Effect/Responding to a Parable	20. Review Game
	10. Spelling Plurals or Words with -air	21. Test
	11. Quiz 3	22. Alternate Test*
		23. Reference
Unit 7: Following Directions, Suffixes, Pronouns, Friendly Letters		
Language Arts 300	Assignments	
	1. Reading for Main Idea	15. Grammar: Suffixes -er, -est
	2. Grammar: Noun Review	16. Spelling with Suffixes (2)
	3. Grammar: Singular and Plural Nouns (1)	17. Quiz 3
	4. Grammar: Singular and Plural Nouns (2)	18. Spelling Quiz 3
	5. Extra Practice: Singular and Plural Nouns*	19. Composition: Friendly Letters
	6. Spelling Compound Words	20. Essay: Writing a Friendly Letter
	7. Quiz 1	21. Spelling General Words
	8. Spelling Quiz 1	22. Quiz 4
	9. Reading: Follow Directions/ Fact or Fiction	23. Spelling Quiz Four
	10. Project: Following Directions*	24. Special Project*
	11. Spelling with Suffixes (1)	25. Review Game
	12. Quiz 2	26. Test
	13. Spelling Quiz 2	27. Alternate Test*
	14. Grammar: Pronouns	28. Reference



Unit 8: Reading a Play, Comparing with Adjectives, Root Words		
Language Arts 300	Assignments	
	1. Reading for Sequence	13. Reading a Play
	2. Grammar: Adjective Review	14. Grammar: Action Verbs
	3. Spelling with -le	15. Grammar: State-of-Being Verbs
	4. Quiz 1	16. Spelling Root Words
	5. Spelling Quiz 1	17. Quiz 3
	6. Reading for Details	18. Spelling Quiz 3
	7. Grammar: Comparing with Adjectives (1)	19. Special Project*
	8. Grammar: Comparing with Adjectives (2)	20. Review Game
	9. Extra Practice: Comparing with Adjectives*	21. Test
	10. Spelling Compound Words	22. Alternate Test*
	11. Quiz 2	23. Reference
	12. Spelling Quiz 2	
Unit 9: Classifying, References, Thank-You Letters, Predicting Outcomes		
Language Arts 300	Assignments	
	1. Reading to Classify	12. Spelling Quiz 2
	2. Grammar: Adverbs	13. Reading to Predict Outcome
	3. Spelling with Prefixes	14. Using Reference Books
	4. Quiz 1	15. Spelling with the Suffix -teen
	5. Spelling Quiz 1	16. Quiz 3
	6. Reading for Information	17. Spelling Quiz 3
	7. Project: Book Report—Nonfiction*	18. Special Project*
	8. Composition: Thank-you Letters	19. Review Game
	9. Project: Writing a Thank-you Letter	20. Test
	10. Spelling with Suffixes	21. Alternate Test*
	11. Quiz 2	22. Reference
Unit 10: Review		
Language Arts 300	Assignments	
	1. Reading: Sequence and Context Clues	12. Quiz 3
	2. Grammar: Vowels	13. Reading Fiction and Nonfiction
	3. Grammar: Using Sentences Correctly	14. Project: Book Report--Historical Fiction*
	4. Quiz 1	15. Grammar: Alphabetical Order
	5. Grammar: Punctuation	16. Project: Writing Paragraphs
	6. Grammar: Capitalizing Words	17. Quiz 4
	7. Quiz 2	18. Special Project*
	8. Reading: Main Ideas; Cause and Effect	19. Review Game
	9. Grammar: Parts of Speech Review	20. Test
	10. Composition: Writing Letters	21. Alternate Test*
	11. Project: Writing Letters	22. Reference

## Language Arts 400

Language Arts 400 focuses on the sequential development and integration of communication skills in four major areas—reading, writing, speaking, and listening. It most specifically focuses on deepening and furthering students' understanding in the following ways:

- **Unit 1:** Apply skills for reading fluency and writing a report.
- **Unit 2:** Read for meaning in instructions, poetry, and fictional stories.
- **Unit 3:** Identify word parts and types such as prefixes, suffixes, synonyms, and antonyms.
- **Unit 4:** Identify parts of speech and types of sentences.
- **Unit 5:** Use reading strategies to understand a passage and write cohesive paragraphs.
- **Unit 6:** Explain characteristics of strong poetry and research-based reports.
- **Unit 7:** Differentiate forms of literature including fables, tall tales, and biographies.
- **Unit 8:** Analyze literature for language use.
- **Unit 9:** Plan, organize, and write a research-based report.

Unit 1: Reading and Writing	
Assignments	
1. Course Overview	14. Quiz 3
2. Joey and the Sad Tree (Part One)	15. Spelling Quiz Three
3. Sources of English Words	16. Writing a Report
4. Spelling Lesson 1	17. Essay: Outline and Report
5. Quiz 1	18. Spelling Lesson 4: Vowel Combinations
6. Spelling Quiz One	19. Quiz 4
7. Joey and the Sad Tree (Part Two)	20. Spelling Quiz Four
8. Reading Fluency	21. Special Project*
9. Spelling Lesson 2: R-controlled Vowels	22. Review Game
10. Quiz 2	23. Test
11. Spelling Quiz Two	24. Alternate Test*
12. Study Skills	25. Reference
13. Spelling Lesson 3: The Vowel O	

Unit 2: Reading for Meaning		
Language Arts 400	Assignments	
	1. Kippy the Kiwi	13. Haiku Poems
	2. Essay: Envy Others	14. Haiku Poetry Composition
	3. Sound Study	15. Project: Book Report--Haiku Poetry*
	4. Following Instructions	16. Spelling Lesson 3: Suffixes
	5. Spelling Lesson 1: Suffixes	17. Quiz 3
	6. Quiz 1	18. Spelling Quiz Three
	7. Spelling Quiz One	19. Special Project*
	8. Greedy, Selfish, and Honor	20. Review Game
	9. Dictionary Skills	21. Test
	10. Spelling Lesson 2	22. Alternate Test*
	11. Quiz 2	23. Reference
	12. Spelling Quiz Two	

Unit 3: Word Play		
Language Arts 400	Assignments	
	1. Why William Was Thankful	14. Spelling Lesson 3: Synonyms
	2. Root Words, Prefixes and Suffixes (1)	15. Quiz 3
	3. Root Words, Prefixes and Suffixes (2)	16. Spelling Quiz Three
	4. Spelling Lesson 1	17. More About Poetry
	5. Quiz 1	18. Project: Book Report—Poetry*
	6. Spelling Quiz One	19. Spelling Lesson 4: Antonyms
	7. Candy Bars	20. Quiz 4
	8. Homonyms	21. Spelling Quiz Four
	9. Spelling Lesson 2: Homonyms	22. Special Project*
	10. Quiz 2	23. Review Game
	11. Spelling Quiz Two	24. Test
	12. Poetic Expressions	25. Alternate Test*
	13. Synonyms and Antonyms	26. Reference

Unit 4: Words in Season		
Language Arts 400	Assignments	
	1. Heidi	16. Adverbs
	2. Nouns and Verbs	17. Spelling Lesson 3: Adverbs
	3. Adjectives	18. Quiz 3
	4. Adjectives That Compare	19. Spelling Quiz Three
	5. Possessive Words	20. Writing Study Notes
	6. Spelling Lesson 1: Possessive Pronouns	21. Subject-Verb Agreement; Verb Tense
	7. Quiz 1	22. Spelling Lesson 4
	8. Spelling Quiz One	23. Quiz 4
	9. Fiction and Nonfiction	24. Spelling Quiz Four
	10. Project: Book Report—Fiction*	25. Special Project*
	11. Kinds of Sentences	26. Review Game
	12. Spelling Lesson 2: Suffixes	27. Test
	13. Quiz 2	28. Alternate Test*
	14. Spelling Quiz Two	29. Reference
	15. Following Directions; Writing Invitations	

Unit 5: Reading and Writing Stories		
Language Arts 400	Assignments	
	1. Reading Skills (1)	15. Quiz 3
	2. Paragraphs	16. Spelling Quiz Three

Language Arts 400	3. Essay: Writing Paragraphs	17. Writing Stories
	4. Spelling Lesson 1: Prefixes	18. Essay: Writing a Story
	5. Quiz 1	19. Spelling Lesson 4: Silent Letters and Unusual Vowels
	6. Spelling Quiz One	20. Quiz 4
	7. Reading Skills (2)	21. Spelling Quiz Four
	8. Capital Letters	22. Special Project*
	9. Spelling Lesson 2: Contractions	23. Review Game
	10. Quiz 2	24. Test
	11. Spelling Quiz Two	25. Alternate Test*
	12. The Hobby of Stamp Collecting	26. Reference
	13. Punctuation Marks	
	14. Spelling Lesson 3: Prefixes	

Unit 6: Rhymes and Reports		
Language Arts 400	Assignments	
	1. Fact and Opinion	14. Characteristics of Poetry
	2. Book Reports	15. Analyzing Poetry
	3. Essay: Writing a Summary	16. Essay: Four Line Poem
	4. Project: Book Report: Nonfiction*	17. Spelling Lesson 3: Days of the Week; Hyphenated Words
	5. Spelling Lesson 1: Months and Abbreviations	18. Quiz 3
	6. Quiz 1	19. Spelling Quiz Three
	7. Spelling Quiz One	20. Special Project*
	8. Following Directions in Parables and Fables	21. Review Game
	9. Essay: Paraphrasing Parables	22. Test
	10. Spelling Lesson 2: Suffixes	23. Alternate Test*
	11. Quiz 2	24. Reference
	12. Spelling Quiz Two	
	13. Poetry Review	

Unit 7: Forms of Literature		
Language Arts 400	Assignments	
	1. Biography	14. Tall Tales
	2. Project: Book Report—Biography*	15. Essay: Tall Tale
	3. Exploring Nouns	16. Project: Book Report: Folk Tales*
	4. Exploring Singular and Plural Nouns	17. Exploring Verbs (2)
	5. Spelling Lesson 1: Two-Syllable Words	18. Spelling Lesson 3: More Words With Two Syllables
	6. Quiz 1	19. Quiz 3
	7. Spelling Quiz One	20. Spelling Quiz Three
	8. Fables	21. Special Project*
	9. Essay: Writing a Fable	22. Review Game
	10. Exploring Verbs	23. Test
	11. Spelling Lesson 2: Words with Open Syllables	24. Alternate Test*
	12. Quiz 2	25. Reference
	13. Spelling Quiz Two	

Unit 8: Language in Literature		
Language Arts 400	Assignments	
	1. Reading (1)--On the Farm	14. Figurative Language
	2. Adjectives	15. Paragraph Writing
	3. Spelling Lesson 1: CVR/VC Words	16. Essay: Narrative Writing
	4. Quiz 1	17. Essay: Descriptive Paragraph*
	5. Spelling Quiz One	18. Spelling Lesson 3: Silent Letters; Compound Words with Suffixes
	6. Reading: The Power of God's Word	19. Quiz 3
	7. Adjectives That Compare	

	8. Adverbs	20. Spelling Quiz Three
	9. Spelling Lesson 2: Words with Digraphs	21. Special Project*
	10. Quiz 2	22. Review Game
	11. Spelling Quiz Two	23. Test
	12. Reading: The Early Olympic Games	24. Alternate Test*
	13. Essay: The Olympic Games*	25. Reference

Unit 9: Reading and Researching		
Assignments		
Language Arts 400	1. Reasons for Reading	15. Finding Information
	2. Reading Skills (1)	16. Taking Notes and Making an Outline
	3. Project: The Navajo*	17. Project: Report Part One
	4. Spelling Lesson 1: Words that End with -le	18. Writing a Report
	5. Quiz 1	19. Project: Report Part Two
	6. Spelling Quiz One	20. Project: Report Part Three
	7. A Little Salt, Please	21. Spelling Lesson 3: Prefixes and Suffixes
	8. Reading Skills (2)	22. Quiz 3
	9. Project: Salt in the Bible*	23. Spelling Quiz Three
	10. Project: Book Report--Historical Fiction*	24. Special Project*
	11. Spelling Lesson 2: Two Syllable Words	25. Review Game
	12. Quiz 2	26. Test
	13. Spelling Quiz Two	27. Alternate Test*
	14. Planning a Report	28. Reference

Unit 10: Review		
Assignments		
Language Arts 400	1. Lost (Parts One and Two)	12. Quiz 3
	2. Thinking About What You Read	13. Essay: Narrative or Descriptive Writing Review
	3. Quiz 1	14. Essay: Writing a Letter Review*
	4. Using a Dictionary	15. Report: Book Report*
	5. Working with Nouns, Adjectives, and Adverbs	16. Report: Writing a Report Review*
	6. Verbs of Action or Being	17. Special Project*
	7. Word Parts and Word Play	18. Review Game
	8. Punctuating Correctly	19. Test
	9. Quiz 2	20. Alternate Test*
	10. Study Skills and Note Taking	21. Reference
	11. Recognizing Literary Forms	

## Language Arts 500

Language Arts 500 continues to build on the sequential development and integration of communication skills in four major areas—reading, writing, speaking, and listening. It most specifically focuses on deepening and furthering students' understanding in the following ways:

- **Unit 1:** Understanding main ideas and the author's message through vocabulary.
- **Unit 2:** Reading stories and poetry to review comprehension skills, mood, and compound words.
- **Unit 3:** Exploring parts of speech and language including prefixes, suffixes, homonyms, and idioms.
- **Unit 4:** Applying strategies for effective communication in writing and speech.
- **Unit 5:** Reading and writing stories efficiently including use of dialogue.
- **Unit 6:** Identifying characteristics of different types of poetry.
- **Unit 7:** Exploring reading passages and applying knowledge of story parts and language.
- **Unit 8:** Using language effectively to describe and compare.
- **Unit 9:** Planning, drafting, and editing a research-based report.

Unit 1: Jesus, Our Example	
Assignments	
Language Arts 500	1. Course Overview
	2. The Author's Message
	3. Project: Finding the Topic
	4. Vowel Diphthong Design
	5. Spelling Lesson 1: Vowel Diphthongs
	6. Quiz 1
	7. Spelling Quiz 1
	8. Narrative Elements
	9. Vocabulary Study: Dictionary Respellings
	10. Spelling Lesson 2: Vowel Digraphs
	11. Quiz 2
	12. Essay: Using Spelling Words*
	13. Spelling Quiz 2
	14. Communicating with Handwriting
	15. Spelling Lesson 3: Silent e
	16. Quiz 3
	17. Spelling Quiz 3
	18. Special Project*
	19. Review Game
	20. Test
	21. Alternate Test*
	22. Reference

Unit 2: Working with Information		
Language Arts 500	Assignments	
	1. The Author of the Story	13. Mood
	2. Reading an Excerpt: CALL IT COURAGE	14. Poetry
	3. Project: Outline - The Polynesian People*	15. Contractions
	4. Compound Words and Hyphens	16. Spelling Lesson 3: Contractions
	5. Spelling Lesson 1: Compound Words	17. Quiz 3
	6. Quiz 1	18. Spelling Quiz 3
	7. Spelling Quiz 1	19. Special Project*
	8. Finding Main Ideas (1)	20. Review Game
	9. Finding Main Ideas (2)	21. Test
	10. Spelling Lesson 2: Spelling Troublemakers	22. Alternate Test*
	11. Quiz 2	23. Reference
	12. Spelling Quiz 2	
Unit 3: The Story of Our Language		
Language Arts 500	Assignments	
	1. In the Beginning	13. Middle and Modern English
	2. Word Study	14. Homonyms, Idioms, and Abbreviations
	3. Spelling Lesson 1: Words with Many Syllables	15. Essay: Descriptive Story
	4. Quiz 1	16. Spelling Lesson 3: Antonyms
	5. Quiz: Spelling 1	17. Quiz 3
	6. Abused Language in the Garden	18. Quiz: Spelling 3
	7. Prefixes and Suffixes	19. Project: Book Report—Nonfiction*
	8. Phrases, Adjectives, and Adverbs	20. Special Project*
	9. Spelling Lesson 2: Silent Letters	21. Review Game
	10. Quiz 2	22. Test
	11. Quiz: Spelling 2	23. Alternate Test*
	12. Anglo-Saxon Literature; Author's Purpose	24. Reference
Unit 4: Effective Communication		
Language Arts 500	Assignments	
	1. Main Idea and Supporting Details	14. Project: Taking Notes
	2. Sentence Patterns; Speaking Courteously	15. The Written Report (2)
	3. Spelling Lesson 1: Silent Letters	16. Project: Outline
	4. Quiz 1	17. Essay: Report
	5. Spelling Quiz 1	18. Spelling Lesson 3: Homonyms
	6. Sensible Sentences	19. Quiz 3
	7. Essay: Pollution	20. Spelling Quiz 3
	8. Reading Skills	21. Special Project*
	9. Spelling Lesson 2: Same Sounds, Different Letters	22. Review Game
	10. Quiz 2	23. Test
	11. Spelling Quiz 2	24. Alternate Test*
	12. Essay: Robin Hood	25. Reference
	13. The Written Report (1)	

Unit 5: Reading and Writing Stories		
Language Arts 500	Assignments	
	1. Reading a Story	13. Quiz 2
	2. Essay: Writing a Summary	14. Spelling Quiz 2
	3. Judging the Value of a Story	15. Story Writing
	4. Project: Book Report--Historical Fiction*	16. Essay: Short Story
	5. Spelling Lesson 1: Suffixes	17. Spelling Lesson 3: Prefixes
	6. Quiz 1	18. Quiz 3
	7. Spelling Quiz 1	19. Spelling Quiz 3
	8. Mastering Dialogue	20. Special Project*
	9. Project: Making Conversation	21. Review Game
	10. Project: Seed Ideas*	22. Test
	11. Writing Better Sentences	23. Alternate Test*
	12. Spelling Lesson 2: Ordinal Numbers; Suffix -ism	24. Reference

Unit 6: Poetry		
Language Arts 500	Assignments	
	1. Reading Story Poems	14. Poetic Ideas and Devices
	2. Enjoying Poetry	15. Writing Poetry
	3. Project: Working with Rhythm	16. Project: Pen Pictures and Couplets
	4. Spelling Lesson 1: Suffixes	17. Project: Free Verse Prayer
	5. Quiz 1	18. Project: Poetry Book*
	6. Spelling Quiz 1	19. Spelling Lesson 3: Plurals
	7. Reading Humorous Poems	20. Quiz 3
	8. Playing with Words	21. Spelling Quiz 3
	9. Project: Book Report—Poetry*	22. Special Project*
	10. Spelling Lesson 2: Suffixes	23. Review Game
	11. Quiz 2	24. Test
	12. Spelling Quiz 2	25. Alternate Test*
	13. Reading Inspirational Poems	26. Reference

Unit 7: Reading Comprehension		
Language Arts 500	Assignments	
	1. Cause and Effect	16. The Story of Marc
	2. From GULLIVER'S TRAVELS	17. Spelling Lesson 3: Words with /aw/
	3. Essay: Land of Lilliput	18. Quiz 3
	4. Spelling Lesson 1: Homonyms	19. Spelling Quiz 3
	5. Quiz 1	20. Adjectives (1)
	6. Spelling Project: Homonyms	21. Project: Using Adjectives*
	7. Spelling Quiz 1	22. Adjectives (2)
	8. Reviewing Nouns	23. Spelling Lesson 4: Unexpected Spellings
	9. Singular and Plural Nouns	24. Quiz 4
	10. Possessive Nouns; Uses of Nouns (Case)	25. Spelling Quiz 4
	11. Noun Substitutes	26. Special Project*
	12. Spelling Lesson 2: Words with /sh/	27. Review Game
	13. Quiz 2	28. Test
	14. Spelling Quiz 2	29. Alternate Test*
	15. Judgments, Inferences, Facts, and Opinions	30. Reference

Unit 8: Working With Words		
Language Arts 500	Assignments	
	1. Main Verbs	15. Aesop and Fables
	2. Verb Forms	16. Essay: Fable Rewrite



	3. Subject/Verb Agreement; Contractions	17. Project: Retelling Fables*
	4. Participles	18. Parables-Stories Jesus Told
	5. Spelling Lesson 1: Suffix -ure	19. Project: Parables*
	6. Quiz 1	20. Spelling Lesson 3: Suffixes -al, -ial, -ual
	7. Spelling Quiz 1	21. Quiz 3
	8. Modifying with Adverbs	22. Spelling Quiz 3
	9. Changing Adjectives into Adverbs	23. Special Project*
	10. Extra Practice: Using Adverbs in Writing*	24. Review Game
	11. Showing Comparisons	25. Test
	12. Spelling Lesson 2: Suffixes -age, -ion	26. Alternate Test*
	13. Quiz 2	27. Reference
	14. Spelling Quiz 2	

Unit 9: Reading and Study Skills		
Language Arts 500	Assignments	
	1. Improving Reading Fluency and Study Skills	14. Recognizing Facts and Opinions in a Report
	2. A Story About Old England	15. Project: Facts and Opinions Report
	3. Spelling Lesson 1: Using Syllable to Help You Spell	16. Report: Facts and Opinions
	4. Quiz 1	17. Spelling Lesson 3: Homonyms with Long /e/
	5. Spelling Quiz 1	18. Quiz 3
	6. Using Graphic Aids; Outlining	19. Spelling Quiz 3
	7. A Story About Esther	20. Special Project*
	8. Report: Summary of Esther	21. Review Game
	9. Project: Book Report—Biography*	22. Test
	10. Spelling Lesson 2: Sight Words	23. Alternate Test*
	11. Quiz 2	24. Reference
	12. Spelling Quiz 2	
	13. Reviewing Literary Forms	

Unit 10: Review		
Language Arts 500	Assignments	
	1. Literature	13. Using Adverbs
	2. Project: Book Report—Fiction*	14. Quiz 2
	3. Project: Composition Folder*	15. Reading and Bible Study Skills
	4. Poetry	16. Types of Sentences
	5. Project: Poetry Project	17. Essay: Dialogue
	6. Using Nouns and Adjectives	18. Essay: Personal Reaction
	7. Writing a Short Story	19. Quiz 3
	8. Essay: Short Story	20. Special Project*
	9. Quiz 1	21. Review Game
	10. Reading Comprehension	22. Test
	11. Using Word Study Skills	23. Alternate Test*
	12. Using Verbs	24. Reference

## Language Arts 600

Language Arts 600 continues to build on the sequential development and integration of communication skills in four major areas—reading, writing, speaking, and listening. It most specifically focuses on deepening and furthering students' understanding in the following ways:

- **Unit 1:** Differentiate and identify common parts of speech.
- **Unit 2:** Use efficient grammar including punctuation, diction, capitalization, and syntax.
- **Unit 3:** Analyze something read to find vocabulary, relationships, and comparisons with context.
- **Unit 4:** Write accurately in different forms including letters and use of outside research.
- **Unit 5:** Recognize propaganda, facts, and opinions in news stories.
- **Unit 6:** Identify different forms of literature in both fiction and nonfiction.
- **Unit 7:** Establish a purpose for reading a passage and adjust reading strategies accordingly.
- **Unit 8:** Differentiate and write different forms of poetry using figurative language.
- **Unit 9:** Link bible stories and passages to different forms of traditional literature.

Unit 1: Elements of Grammar	
Assignments	
Language Arts 600	1. Course Overview
	2. The Sentence
	3. Sentence Types
	4. Spelling Lesson 1
	5. Quiz 1
	6. Spelling Quiz 1
	7. Nouns
	8. Verbs
	9. Spelling Lesson 2
	10. Quiz 2
	11. Spelling Quiz 2
	12. Adjectives
	13. Adverbs
	14. Spelling Lesson 3
	15. Quiz 3
	16. Spelling Quiz 3
	17. Pronouns
	18. Prepositions
	19. Conjunctions and Interjections
	20. Quiz 4
	21. Special Project*
	22. Review Game
	23. Test
	24. Alternate Test*
	25. Reference



Unit 5: Newspapers and Propaganda		
Language Arts 600	Assignments	
	1. The Newspaper	13. Recognizing Propaganda
	2. Fact and Opinion in News Reports	14. Project: Propaganda
	3. Report: Newspapers Today	15. Spelling Lesson 3: Plurals, Homonyms, and the /sh/ Sound
	4. Analyzing a News Story	16. Spelling Quiz 3
	5. Project: News Story	17. Quiz 2
	6. Spelling Lesson 1: Words That Sound Alike	18. Special Project*
	7. Quiz 1	19. Review Game
	8. Spelling Quiz 1	20. Test
	9. Propaganda	21. Alternate Test*
	10. Project: Advertisement	22. Reference
	11. Spelling Lesson 2	
	12. Spelling Quiz 2	
Unit 6: Literary Forms		
Language Arts 600	Assignments	
	1. Spelling Lesson 1	11. Mood
	2. Spelling Quiz 1	12. Spelling Lesson 3
	3. Poetry	13. Quiz 2
	4. Types of Prose Fiction	14. Spelling Quiz 3
	5. Types of Prose Fiction (2)	15. Special Project*
	6. Spelling Lesson 2	16. Review Game
	7. Quiz 1	17. Test
	8. Spelling Quiz 2	18. Alternate Test*
	9. Prose Nonfiction	19. Reference
	10. Project: Book Report: Biography*	
Unit 7: Reading for a Purpose		
Language Arts 600	Assignments	
	1. Judging a Book	13. Reading for Inspiration (1)
	2. An Author's Use of Expressive Language	14. Reading for Inspiration (2)
	3. Spelling Lesson 1	15. Essay: Lambs in the Bible
	4. Quiz 1	16. Spelling Lesson 3: Suffixes and the /sh/ Sound
	5. Spelling Quiz 1	17. Quiz 3
	6. Nonfiction Comprehension Practice	18. Spelling Quiz 3
	7. Nonfiction: Main Idea and Supporting Details	19. Project: Book Report: Novel*
	8. Project: Outline*	20. Special Project*
	9. Report: Shepherding	21. Review Game
	10. Spelling Lesson 2	22. Test
	11. Quiz 2	23. Alternate Test*
	12. Spelling Quiz 2	24. Reference

Unit 8: Poetry		
Language Arts 600	Assignments	
	1. Characteristics of Poetry	17. Project: Cinquain and Shaped Poems
	2. Free Verse	18. Spelling Lesson 3
	3. Project: Youthfulness*	19. Quiz 2
	4. Spelling Lesson 1	20. Spelling Quiz 3
	5. Quiz 1	21. Musical Poems
	6. Spelling Quiz 1	22. Report: Lullabies
	7. Figures of Speech: Similes	23. Word Play: Riddles/Conundrums
	8. Figures of Speech: Metaphors	24. Limericks
	9. Project: Metaphors	25. Project: Limericks
	10. Poetic Devices	26. Palindromes
	11. Essay: Invented Words	27. Quiz 3
	12. Spelling Lesson 2	28. Special Project*
	13. Spelling Quiz 2	29. Review Game
	14. Poetic Forms (1)	30. Test
	15. Project: Pen Picture	31. Alternate Test*
	16. Poetic Forms (2)	32. Reference
Unit 9: Bible Literature		
Language Arts 600	Assignments	
	1. The Bible as Literature	13. Spelling Quiz 2
	2. A Bible Story	14. Bible History
	3. Project: Bible Stories*	15. Law
	4. Parables and Proverbs	16. Spelling Lesson 3
	5. Spelling Lesson 1	17. Quiz 3
	6. Quiz 1	18. Spelling Quiz 3
	7. Spelling Quiz 1	19. Special Project*
	8. Bible Poetry	20. Review Game
	9. Project: Psalm 19	21. Test
	10. Prophetic Writing	22. Alternate Test*
	11. Spelling Lesson 2	23. Reference
	12. Quiz 2	
Unit 10: Review		
Language Arts 600	Assignments	
	1. Patterns in Language	12. Project: Advertising
	2. Capitalization and Punctuation	13. Essay: The President's Thoughts*
	3. Quiz 1	14. Communication: Letters and Newspapers
	4. Organization in Literary Forms	15. Project: Newspaper*
	5. Quiz 2	16. Quiz 4
	6. Project: Planning and Writing a Short Story	17. Special Project*
	7. Literary Forms (1)	18. Review Game
	8. Project: Fish Story*	19. Test
	9. Literary Forms (2)	20. Alternate Test*
	10. Quiz 3	21. Reference
	11. Forms of Communication	

## Language Arts 700

Language Arts 700 continues to build on the sequential development and integration of communication skills in four major areas—reading, writing, speaking, and listening. It most specifically focuses on deepening and furthering students' understanding in the following ways:

- **Reading**—develops students' reading skills, including the identification of main ideas, supporting details, and sequence; teaches students how to reach logical conclusions as well as use appropriate reading rates; shows students how to identify parts of speech in sentences, with emphasis on adjectives, adverbs, conjunctions, pronouns, and verb types; helps students develop basic literary comprehension skills through the reading of biographical and autobiographical pieces, poetry, and character analyses.
- **Writing**—develops students' understanding of sentence structure, providing hands-on experience with coordination, conjunctions, subject-verb agreement, participles, and phrases; familiarizes students with roots, affixes, and basic word relationships, including homonyms, synonyms, and antonyms; develops students' vocabulary and spelling skills; gives students the opportunity to develop their abilities in writing paragraphs, character analyses, character sketches, short biographies, and summaries; develops students' critical thinking skills through speculative writing on morality.
- **Speaking**—teaches skills that enable students to become effective speakers and communicators, weaving the skills together throughout the course.
- **Listening**—teaches effective listening comprehension skills, weaving these together throughout the lessons; builds upon students' study skills.

Unit 1: Nouns, Pronouns, Affixes, and Using Words Correctly	
Assignments	
Language Arts 700	1. Course Overview
	2. Documentation
	3. Nouns As Labels; Related Nouns; Categories
	4. Common and Proper Nouns
	5. Report: The Meaning of Names
	6. Spelling Lesson 1: Content Words; ei and ie
	7. Quiz 1: Using Nouns
	8. Spelling Quiz 1
	9. Personal Pronoun Case
	10. Reflexive Pronouns; Archaic Pronouns
	11. Demonstratives; Pronoun-Antecedent Agreement
	12. Spelling Lesson 2: General/Easily Confused Words
	13. Quiz 2: Using Pronouns
	14. Spelling Quiz 2
	15. Using the Right Prefix
	16. Suffixes Change Spelling/Part of Speech
	17. Using Mnemonic Devices for Homonyms
	18. Spelling Lesson 3: Common Homonyms
	19. Quiz 3: Cumulative
	20. Spelling Quiz 3
	21. Unit 1 Special Project*
	22. Test
	23. Alternate Test*
	24. Reference

Unit 2: Usage; Speaking and Listening; Verb Tenses		
Language Arts 700	Assignments	
	1. Speaking Expressively	13. Verbs: Present Tense
	2. Retelling a Story: Alfred the Great	14. Past Tense: Regular and Irregular Verbs
	3. Project: Story-telling	15. Auxiliary Verbs/Future Tense
	4. Report: Alfred the Great	16. Verbs: Perfect Tenses and Conjugation
	5. Spelling Lesson 1: Multisyllable Words	17. Spelling Lesson 3: General Words
	6. Quiz 1: Speaking Expressively	18. Quiz 3: Speaking/Listening; Verb Tenses
	7. Spelling Quiz 1	19. Spelling Quiz 3
	8. Adjusting Listening to Purpose	20. Book Report: Novel*
	9. Essay: Listening	21. Unit 2 Special Project*
	10. Spelling Lesson 2: Frequently Misspelled Words	22. Test
	11. Quiz 2: Speaking and Listening	23. Alternate Test*
	12. Spelling Quiz 2	24. Reference
Language Arts 700	Unit 3: Biographies and Grammar (Affixes)	
	Assignments	
	1. Biography: William Tyndale	12. Suffixes: Finding
	2. Sequence of Events	13. Meaning of Suffixes/Parts of Speech
	3. Essay: Special Day*	14. Prefixes and Suffixes
	4. Flashback and Inferences in Biography	15. Spelling Lesson 2: Words with Affixes
	5. Project: Biography	16. Quiz 2: Affixes, Biography, Sequence
	6. Book Report: Biography*	17. Spelling Quiz 2
	7. Spelling Lesson 1: General/ -le and -el	18. Unit 3 Special Project*
	8. Quiz 1: Biographies/Sequence of Events	19. Test
	9. Spelling Quiz 1	20. Alternate Test*
	10. Prefixes: Finding	21. Reference
	11. Prefixes: Meanings	
Language Arts 700	Unit 4: Structure of Written and Spoken Language	
	Assignments	
	1. Structure: Subject and Predicate	12. Quiz 2: Sentence Structure and Variety
	2. Patterns: Inverted, Compound Parts, S/V/DO	13. Spelling Quiz 2
	3. Patterns: S/LV/PN, S/LV/PA, S/V/IO/DO	14. Pitch/Accent/Pause
	4. Essay: Using Sentence Patterns	15. Punctuating Pauses
	5. Spelling Lesson 1: Content Area Words	16. Spelling Lesson 3: General
	6. Quiz 1: Sentence Structure and Patterns	17. Quiz 3: Cumulative
	7. Spelling Quiz 1	18. Spelling Quiz 3
	8. Writing Complete Sentences	19. Unit 4 Special Project*
	9. Structure; Word Choice; Ambiguity	20. Test
	10. Effective Sentences: Vivid Modifiers	21. Alternate Test*
	11. Spelling Lesson 2: General	22. Reference

Unit 5: The English Language		
Language Arts 700	Assignments	
	1. Words That Signal Types of Organization	15. Verb Tense: Past and Present
	2. Words That Express Feelings	16. Direct Object
	3. Essay: Words for Feelings	17. Verbs Often Confused: Lie/Lay
	4. Spelling Lesson 1: Using y and ou	18. Verbs Often Confused: Sit/Set
	5. Quiz 1: Signal Words and Words for Feelings	19. Verbs Often Confused: Rise/Raise
	6. Spelling Quiz 1	20. Verbs Often Confused: Review
	7. Formal, Informal, Nonstandard English	21. Pronouns Often Confused
	8. Smooth and Clear Expression	22. Spelling Lesson 3: Past Tense Verbs
	9. Essay: Informal/Formal English	23. Quiz 3: Cumulative
	10. Spelling Lesson 2: Homonyms	24. Spelling Quiz 3
	11. Quiz 2 Cumulative	25. Unit 5 Special Project*
	12. Spelling Quiz 2	26. Test
	13. Subject-Verb Agreement in Number	27. Alternate Test*
	14. Form of Action Verbs	28. Reference

Unit 6: Mechanics and Structure of English		
Language Arts 700	Assignments	
	1. Capital Letters 1	15. Subjects and Predicates
	2. Capital Letters 2	16. Complements
	3. Spelling Lesson 1: Adjectives and Adverbs	17. Adjectives
	4. Quiz 1: Capitalization	18. Adverbs
	5. Spelling Quiz 1	19. Prepositional Phrases as Modifiers
	6. Apostrophe	20. Quiz 3: Structure and Mechanics
	7. Quotation Marks	21. Coordination
	8. Parentheses/Hyphen	22. Spelling Lesson 3: General Words
	9. Comma	23. Quiz 4: Cumulative
	10. Punctuation Review	24. Spelling Quiz 3
	11. Essay: Importance of Language Mechanics	25. Unit 6 Special Project*
	12. Spelling Lesson 2: Special Types of Words	26. Test
	13. Quiz 2: Capitals and Punctuation	27. Alternate Test*
	14. Spelling Quiz 2	28. Reference

Unit 7: The Hiding Place: A Study Guide		
Language Arts 700	Assignments	
	1. Chapters 1-3: Flashback/Foreshadowing	15. Quiz 2: The Hiding Place, chapters 6-9
	2. Chapters 4-5: Reading for Details	16. Spelling Quiz 2
	3. Understanding Characters	17. Chapter 10: Sequence
	4. Essay: Occupied	18. Chapters 11-13: Reading for Details
	5. Report: World War II*	19. Chapters 14-15: Understand Characters
	6. Report: Dietrich Bonhoeffer*	20. Author's Purpose/Modes of Writing
	7. Spelling Lesson 1: Noun Suffixes	21. Essay: Character Sketch
	8. Quiz 1: The Hiding Place, chapters 1-5	22. Spelling Lesson 3: Noun Suffixes
	9. Spelling Quiz 1	23. Quiz 3: The Hiding Place, chapters 10-15
	10. Chapters 6-7: Comprehension	24. Spelling Quiz 3
	11. Chapter 8-9: Suspense	25. Unit 7 Special Project*
	12. Interpretation and Communication	26. Test
	13. Essay: Pickwick	27. Alternate Test*
	14. Spelling Lesson 2: Verb Suffixes	28. Reference

Unit 8: Nonfiction and Communication		
Language Arts 700	Assignments	
	1. Nonfiction Literature: Helen Keller	11. Spelling Quiz 2
	2. Nonfiction Literature: The Apple Tree Switch	12. Communicating with Gestures



	3. Spelling Lesson 1: General	13. Spelling Lesson 3: General
	4. Quiz 1: Nonfiction	14. Quiz 3: Speaking with Gestures
	5. Spelling Quiz 1	15. Spelling Quiz 3
	6. Learning to Listen Review	16. Unit 8 Special Project*
	7. Note-taking and Summarizing	17. Test
	8. Essay: Summary	18. Alternate Test*
	9. Spelling Lesson 2: General	19. Reference
	10. Quiz 2: Listening, Summarizing, and Nonfiction	

Unit 9: Writing and Pronunciation		
Assignments		
Language Arts 700	1. Sentence Types: Introduction	15. Quiz 2: Writing Paragraphs and Mechanics
	2. Sentence Types: Declarative/Interrogative	16. Spelling Quiz 2
	3. Sentence Types: Imperative/Exclamatory	17. Pronunciation
	4. Sentence Errors: Fragments	18. Regional Differences in Pronunciation
	5. Sentence Errors: Comma Splice/Run-on	19. Words in Reading/Nonsense Words
	6. Spelling Lesson 1: General and Content Area Words	20. Essay: A Nonsense Poet
	7. Quiz 1: Correct Sentences	21. Project: Limericks
	8. Spelling Quiz 1	22. Spelling Lesson 3: Words Often Mispronounced
	9. Paragraph Format/Topic Sentence	23. Quiz 3: Cumulative
	10. Paragraph Unity and Sequence	24. Spelling Quiz 3
	11. Deductive/Inductive/Transitional Paragraphs	25. Unit 9 Special Project*
	12. Essay: Paragraph Practice	26. Test
	13. Project: Paragraph Self Check	27. Alternate Test*
	14. Spelling Lesson 2: Noun and Adjective Suffixes	28. Reference

Unit 10: Review		
Assignments		
Language Arts 700	1. Verb Tense	16. Project: Punctuation Practice
	2. Verb Agreement and Confusion	17. Spelling Review Lessons 3 and 4
	3. Nouns and Pronouns	18. Review Quiz 2
	4. Reflexive and Demonstrative Pronouns; Pronoun-Antecedent Agreement	19. Spelling Quiz 2
	5. Adjectives/Adverbs	20. Communication: Writing and Reading
	6. Prepositional Phrases	21. Book Report: Short Story*
	7. Sentence Patterns and Types	22. Communication: Speaking and Listening
	8. Spelling Review Lessons 1 and 2	23. Project: Autobiography*
	9. Review Quiz 1	24. Spelling Review Lessons 5 and 6
	10. Spelling Quiz 1	25. Review Quiz 3
	11. Capitalization	26. Spelling Quiz 3
	12. Apostrophe	27. Unit 10 Special Project*
	13. Quotation Marks/Parentheses	28. Test
	14. Hyphens/Commas	29. Alternate Test*
		30. Reference

## Language Arts 800

Language Arts 800 continues to build on the sequential development and integration of communication skills in four major areas—reading, writing, speaking, and listening. It most specifically focuses on deepening and furthering students' understanding in the following ways:

- **Reading**—reinforces reading comprehension skills by teaching students how to analyze propaganda and other forms of writing, including biographies, autobiographies, formal essays, and informal essays; shows students how to make denotative, symbolic, and connotative readings of a text; introduces both Old English and Middle English languages and literature to develop students' understanding of English language formation and development; prepares students for the higher level literary comprehension skills required in the upper grades.
- **Writing**—develops students' understanding of sentence structure, providing hands-on experience with conjunctions, transitions, clauses, and common sentence errors; teaches language histories and etymologies to help students build on knowledge of word structures, including topics like prefixes, roots, and suffixes; expands on students' vocabulary and spelling skills; gives students the opportunity to develop their abilities in writing business letters, friendly letters, informal essays, and basic literature analyses.
- **Speaking**—offers students experience in delivering oral reports; teaches skills that enable students to become effective speakers and communicators, weaving these skills together throughout the course.
- **Listening**—teaches effective listening comprehension skills, weaving these together throughout the lessons; builds upon students' study skills, as well as helping them become reliable and efficient note takers.

Unit 1: Communication	
Assignments	
1. Course Overview	15. Suffixes Change the Spelling of Roots
2. Documentation	16. Spelling Lesson 2: General
3. Improving Your Reading: Using Word Parts	17. Quiz 2: Cumulative
4. Inflections Add Grammatical Meaning	18. Spelling Quiz 2
5. Word Roots from Latin and Greek	19. Communication Without Words
6. Categorizing Words and Analogies	20. Direct Nonverbal Communication
7. Book Report: Pre-1900 Novel*	21. Spelling Lesson 3: Affixes
8. Spelling Lesson 1: Using ie and ei	22. Quiz 3: Communicating Without Words
9. Quiz 1: Word Parts/Categories/Analogies	23. Spelling Quiz 3
10. Spelling Quiz 1	24. Unit 1 Special Project*
11. Following Directions	25. Test
12. Project: Directions*	26. Alternate Test*
13. Project: Writing Directions from a Prompt*	27. Reference
14. Essay: Write a Technical Document Giving Directions	

Unit 2: Development and Usage of English		
Language Arts 800	Assignments	
	1. Development of Language: Origins and Dialects	14. Quiz 2: Classification of Words
	2. The Indo-European Family	15. Spelling Quiz 2
	3. Spelling Lesson 1: General/Content Area	16. Adjectives and Adjective Phrases
	4. Quiz 1: History of the English Language	17. Adverbs and Adverb Phrases
	5. Spelling Quiz 1	18. Book Report: Short Story*
	6. Word Classes--Nouns	19. Spelling Lesson 3: Adjectives and Adverbs
	7. Personal and Possessive Pronouns	20. Quiz 3: Cumulative
	8. Other Kinds of Pronouns	21. Spelling Quiz 3
	9. Verbs	22. Unit 2 Special Project*
	10. Adjectives and Adverbs	23. Test
	11. Project: Descriptive Paragraph	24. Alternate Test*
	12. Essay: Writing About an Event	25. Reference
	13. Spelling Lesson 2: General	
Unit 3: Punctuation and Literature		
Language Arts 800	Assignments	
	1. Ending a Thought: End Punctuation	13. Spelling Quiz 2
	2. Using Punctuation to Link Clauses	14. The Informal Essay
	3. Interrupting a Thought	15. The Anecdote
	4. Following an Introduction	16. Essay: Informal Essay
	5. Spelling Lesson 1: -ant and -ent Endings	17. Spelling Lesson 3: -able, -ible
	6. Quiz 1: Punctuation	18. Quiz 3: Punctuation and Essays
	7. Spelling Quiz 1	19. Spelling Quiz 3
	8. The Formal Essay	20. Unit 3 Special Project*
	9. Analyzing a Formal Essay	21. Test
	10. Project: Analysis of an Essay	22. Alternate Test*
	11. Spelling Lesson 2: -ise, -ize, -yze	23. Reference
	12. Quiz 2: Punctuation/The Formal Essay	
Unit 4: Words and How to Use Them		
Language Arts 800	Assignments	
	1. Spelling Lesson 1: Develop Spelling Sense	10. Confusing Words
	2. Spelling Quiz 1	11. Quiz 2: Using Words Correctly
	3. Using the Dictionary	12. Spelling Lesson 3: General
	4. Diacritical Marks	13. Spelling Quiz 3
	5. Using a Thesaurus	14. Project: Book Report: Post-1900 Novel*
	6. Quiz 1: Understanding Words (Dictionary and Thesaurus Skills)	15. Unit 4 Special Project*
	7. Spelling Lesson 2: General and Homonyms	16. Test
	8. Spelling Quiz 2	17. Alternate Test*
	9. Standard and Nonstandard Usage	18. Reference

Unit 5: Correct Language Usage		
Language Arts 800	Assignments	
	1. The Apostrophe	15. Project: Speech
	2. The Hyphen	16. Spelling Lesson 2: Content Words
	3. Quotation Marks	17. Quiz 2: Punctuation, Usage, and Spoken Language
	4. Parentheses and Italics	18. Spelling Quiz 2
	5. Capitalization	19. Review of Homonyms, Synonyms and Antonyms
	6. Essay: Choice of Topic	20. Vocabulary Development: Word Pairs
	7. Abbreviations and Acronyms	21. Spelling Lesson 3: Difficult Word Pairs
	8. Numbers and Figures	22. Quiz 3: Correct Usage
	9. Spelling Lesson 1: General and Content Words	23. Spelling Quiz 3
	10. Quiz 1: Written Language	24. Unit 5 Special Project*
	11. Spelling Quiz 1	25. Test
	12. Spoken Language: Biblical Standards	26. Alternate Test*
	13. Project: Biblical Speech	27. Reference
	14. Speaking Qualities	

Unit 6: Language and Literature		
Language Arts 800	Assignments	
	1. The Old English Period	14. Quiz 2: The Construction of Sentences
	2. The Old English Language and Literature	15. Spelling Quiz 2
	3. Report: Anglo-Saxon Culture/Literature	16. The Elements of Autobiography
	4. Middle English	17. Autobiographical Excerpt: Jesse Stuart
	5. Report: Geoffrey Chaucer	18. Autobiographical Excerpt: Admiral Byrd
	6. Spelling Lesson 1: -ance, -ence, -ense	19. Essay: Autobiography
	7. Quiz 1: The History of the English Language	20. Spelling Lesson 3: Vocabulary Words
	8. Spelling Quiz 1	21. Quiz 3: Cumulative
	9. Coordinating Conjunctions	22. Spelling Quiz 3
	10. Correlative Conjunctions/Conjunctive Adverbs	23. Project: Book Report: Biography*
	11. Subordinating Conjunctions/Adverb Clauses	24. Unit 6 Special Project*
	12. Relative Pronouns/Adjective Clauses; Phrases and Appositives	25. Test
	13. Spelling Lesson 2: Mispronounced Words	26. Alternate Test*
		27. Reference

Unit 7: Critical Reading and Paragraph Skills		
Language Arts 800	Assignments	
	1. Critical Reading: Symbolism/Connotation	15. Spelling Quiz 2
	2. Critical Reading: Context/Directive Language	16. Writing a Composition: The Introduction
	3. Analyzing an Author's Credentials/Argument	17. Essay: Thesis Statement*
	4. Propaganda	18. Writing a Composition: The Body
	5. Spelling Lesson 1: Silent Letters	19. Writing a Composition: The Conclusion
	6. Quiz 1: Critical Reading	20. Writing a Composition: Proofreading
	7. Spelling Quiz 1	21. Essay: Analyzing an Argument
	8. Paragraph Structure	22. Spelling Lesson 3: Unaccented Syllables
	9. Essay: Paragraph Types	23. Quiz 3: Cumulative
	10. Organizing a Unified Paragraph	24. Spelling Quiz 3
	11. Paragraph Coherence/Transition Methods	25. Unit 7 Special Project*
	12. Essay: Paragraph Development	26. Test
	13. Spelling Lesson 2: Silent Letters	27. Alternate Test*
	14. Quiz 2: The Paragraph	28. Reference

Unit 8: Writing, Listening, and Reading		
Language Arts 800	Assignments	
	1. Writing Business Letters	18. Quiz 2: Listening Skills/Nonverbal Communication
	2. Three Types of Business Letters	19. Spelling Quiz 2

	3.	Project: Business Letters	20.	Distinguishing Between Fiction and Nonfiction
	4.	Structure and Form of Personal Letters	21.	Evaluating the Reliability of Information
	5.	Three Types of Personal Letters	22.	Report: Assessing Reliability
	6.	Project: Personal Letters	23.	Sources of Information
	7.	Spelling Lesson 1: General	24.	Reading the Newspaper
	8.	Quiz 1: Writing Letters	25.	News Magazines/Other Nonfiction Resources
	9.	Spelling Quiz 1	26.	Project: Newspaper Analysis
	10.	Sound and Listening	27.	Spelling Lesson 3: General
	11.	Listening for Literal Meaning	28.	Quiz 3: Cumulative
	12.	Listening for Implied and Figurative Meaning	29.	Spelling Quiz 3
	13.	Project: Figures of Speech	30.	Unit 8 Special Project*
	14.	Identifying Nonverbal Clues	31.	Test
	15.	Being a Good Listener	32.	Alternate Test*
	16.	Project: Listening Skills	33.	Reference
	17.	Spelling Lesson 2: General and Content Words		

Unit 9: The English Language				
Assignments				
Language Arts 800	1.	English is a Living Language	14.	Spelling Quiz 2
	2.	Etymology of English Words	15.	Organizing an Oral Report
	3.	English in the United States	16.	Developing an Oral Report
	4.	Project: Slang	17.	Using Language Appropriately
	5.	Spelling Lesson 1: General	18.	Effective Speaking Techniques
	6.	Quiz 1: The Changing Language	19.	Project: Oral Report
	7.	Spelling Quiz 1	20.	Spelling Lesson 3: Frequently Misspelled Words
	8.	Double Negatives	21.	Quiz 3: Cumulative
	9.	Dangling Modifiers	22.	Spelling Quiz 3
	10.	Shift in Person and Number	23.	Unit 9 Special Project*
	11.	Shift in Mood and Tense; S/V Agreement	24.	Test
	12.	Spelling Lesson 2: General	25.	Alternate Test*
	13.	Quiz 2: Grammar and History of English	26.	Reference

Unit 10: Review	
Assignments	
Language Arts 800	1. History of Language
	2. Grammar: Parts of Speech
	3. Punctuation and Capitalization
	4. Abbreviations, Apostrophes, and Hyphens
	5. Dictionary and Thesaurus
	6. Standard English Usage
	7. Common Sentence Errors
	8. Paragraphs
	9. Letters
	10. Compositions
	11. Essay: What Makes a Good Christian?
	12. Review Quiz 1: Language
	13. Review Spelling Lesson 1 and 2
	14. Spelling Quiz 1
	15. Communication: Unspoken Factors
	16. Communication: Spoken Factors
	17. Project: Interview a Friend
	18. Following Directions and Listening
	19. Review Quiz 2: Communication
	20. Review Spelling Lesson 3 and 4
	21. Spelling Quiz 2
	22. Reading: Word Parts
	23. Reading: Context Clues and Sequence
	24. Reading: Fact and Opinion, News Articles
	25. Reading: Essays and Autobiographies
	26. Project: Analyze a Formal Essay
	27. Report: Autobiography
	28. Review Quiz 3: Reading
	29. Review Spelling Lesson 5 and 6
	30. Essay: Short Story
	31. Spelling Quiz 3
	32. Unit 10 Special Project*
	33. Test
	34. Alternate Test*
	35. Reference

## English I

English I continues to build on the sequential development and integration of communication skills in four major areas—reading, writing, speaking, and listening. It most specifically focuses on deepening and furthering students' understanding in the following ways:

- **Reading**—reinforces reading comprehension skills by teaching students how to understand and appreciate poetry, drama, informative nonfiction, and fiction; shows students how to analyze, evaluate, and interpret a text; reinforces awareness of the elements and structure of narrative prose; guides students through readings of drama, a novel, and selections from well-known poetry, and short stories.
- **Writing**—further students' understanding of sentence structures; reviews parts of speech and their types, including in-depth studies on verbs (transitive, intransitive, conjugation, tense, voice, mood); develops students' understanding of the types and functions of phrases and clauses; teaches language history and etymology to help students build on knowledge of word structures, including prefixes, roots, and suffixes; expands on students' vocabulary skills; reviews spelling skills; gives students the opportunity to develop their abilities in writing speeches, short essays, poetry, friendly/business letters, and short stories.
- **Speaking**—offers students experience in delivering a speech; teaches skills that enable students to become effective speakers and communicators, weaving these skills together throughout the course.
- **Listening**—teaches effective listening comprehension skills, weaving these together throughout the lessons.

Unit 1: The Structure of Language	
Assignments	
English I	1. Course Overview
	2. Parts of Speech and Noun Types
	3. Plural Nouns (1)
	4. Plural Nouns (2)
	5. Plural Nouns (3)
	6. Plural Nouns (4)
	7. Possessive Nouns
	8. Adjectives
	9. Adjectives: Comparison and Suffixes
	10. Quiz 1: Nouns and Adjectives
	11. Verbs: Principal Parts
	12. Verbs: Tense, Voice, and Mood
	13. Verb Conjugation
	14. Transitive and Intransitive Verbs
	15. Adverbs
	16. Quiz 2: Verbs and Adverbs
	17. Personal Pronouns
	18. Types of Pronouns
	19. Indefinite and Collective Antecedents
	20. Prepositions
	21. Frequently Misused Prepositions
	22. Conjunctions and Interjections
	23. Quiz 3: Pronouns, Prepositions, and Conjunctions
	24. Phrases
	25. Clauses
	26. Sentence Parts
	27. Quiz 4: Sentence Elements
	28. Documentation
	29. Works Cited
	30. Parenthetical Citation
	31. Documentation Review
	32. Special Project*
	33. Test: Language Structure
	34. Alternate Test: Language Structure*
	35. Reference

Unit 2: The Nature of Language		
English I	Assignments	
	1. Origin of Language	8. Understanding Word Parts
	2. Project: Nonverbal Communication	9. Working with Word Parts
	3. Ancient Languages	10. Quiz 2: Word Parts
	4. Old English to Modern English	11. Special Project*
	5. Quiz 1: Language Development	12. Test: The Nature of Language
	6. Word Meanings	13. Alternate Test: The Nature of Language*
	7. Word Roots	14. Reference

Unit 3: Words and Writing		
English I	Assignments	
	1. Using the Dictionary	9. Project: Outline
	2. Using Words Effectively	10. Essay: Short Essay
	3. Quiz 1: Vocabulary and Pronunciation	11. Quiz 3: Vocabulary and Sentence Structure
	4. Spelling: Pronunciation Techniques	12. Special Project*
	5. Mnemonics	13. Test: Words and Writing
	6. Quiz 2: Spelling and Pronunciation	14. Alternate Test: Words and Writing*
	7. Writing: Preparation	15. Reference
	8. Researching and Writing the Paper	

Unit 4: Paragraphs, Essays, and Research Reports		
English I	Assignments	
	1. The Structure of a Paragraph	10. The Research Report
	2. Effective Transitions	11. Quiz 2: Research Reports
	3. The Structure of an Essay	12. Project: The Research Report
	4. Types of Essays	13. Special Project*
	5. Project: The Five Paragraph Essay	14. Test: Paragraphs, Essays, and Research Reports
	6. Quiz 1: Paragraphs and Essays	15. Alternate Test: Paragraphs, Essays, and Research Reports*
	7. The Thesis Statement	16. Reference
	8. The Outline	
	9. Researching and the Library	

Unit 5: Short Stories		
English I	Assignments	
	1. The History of the Short Story	8. Drawing Inferences
	2. Short Story Fundamentals	9. The Gift of the Magi
	3. Imagery and Symbolism	10. Quiz 2: Short Story Comprehension
	4. Quiz 1: Short Story Fundamentals	11. Special Project*
	5. Biblical Stories	12. Test: Short Stories
	6. The Slip-Over Sweater	13. Alternate Test: Short Stories*
	7. Essay: Response to the Slip-Over Sweater	14. Reference



Unit 6: Structure and Meaning in Prose and Poetry		
English I	Assignments	
	1. Understanding Author Purpose and Meaning	10. Figurative Reading: Language and Poetry
	2. Using Paragraph Structure to Find Meaning	11. Analytical Reading: Patterns in Poetry
	3. Using Visual Aids to Find Meaning	12. Quiz 3: Understanding and Enjoying Poetry
	4. Quiz 1: Reading for Purpose and Meaning	13. Special Project*
	5. Recognizing Author Appeal	14. Test: Structure and Meaning in Prose and Poetry
	6. Detecting Logical Fallacies	15. Alternate Test: Structure and Meaning in Prose and Poetry*
	7. Quiz 2: Reading Persuasion	16. Reference
	8. Literal Reading: Surface Meaning in Poetry	
	9. Symbolic Reading: Symbols in Poetry	
Unit 7: Communication		
English I	Assignments	
	1. Speaking	9. Project: Informal Letter
	2. Giving a Speech	10. Project: Business Letter
	3. Project: Speech	11. Quiz 3: Letter Writing
	4. Project: Effective Oral Reading*	12. Special Project*
	5. Quiz 1: Speaking	13. Test: Communication
	6. Listening	14. Alternate Test: Communication*
	7. Quiz 2: Listening	15. Reference
	8. Letter Writing	
Unit 8: Drama		
English I	Assignments	
	1. The History of Drama	9. Essay: Miracle Worker
	2. Elements of Drama	10. Essay: The Asylum
	3. Dramatic Devices	11. Quiz 2: The Miracle Worker
	4. Essay: Parable*	12. Special Project*
	5. Quiz 1: Drama	13. Test: Drama
	6. The Miracle Worker (Act 1)	14. Alternate Test: Drama*
	7. The Miracle Worker (Act 2)	15. Reference
	8. The Miracle Worker (Act 3)	
Unit 9: Studies in The Novel		
English I	Assignments	
	1. The Novel	11. Quiz 2: Twenty Thousand Leagues
	2. Subject Matter	12. The Critical Essay
	3. Types of Novels	13. Essay: Lost Continent
	4. Modes of Writing the Novel	14. Essay: Critique*
	5. Quiz 1: The Novel	15. Quiz 3: The Critical Essay
	6. Twenty Thousand Leagues Under the Sea	16. Special Project*
	7. Plot and Perspective	17. Test: Studies in the Novel
	8. Episodes	18. Alternate Test: Studies in the Novel*
	9. Plot Function	19. Reference
	10. Essay: Twenty Thousand Leagues	

Unit 10: Review	
English I	Assignments
	1. Structure
	2. Plural Nouns
	3. Adjectives
	4. Verbs and Adverbs
	5. Pronouns, Prepositions, Phrases, and Clauses
	6. Quiz 1: Structure
	7. The Skills of Writing
	8. The Skills of Speaking
	9. Quiz 2: Communication
	10. Library Skills and Visual Aids
	11. Determining the Author's Message
	12. Quiz 3: Reading and Research
	13. Special Project*
	14. Test: Review
	15. Alternate Test: Review*
	16. Reference

## English II

English II continues to build on the sequential development and integration of communication skills in four major areas—reading, writing, speaking, and listening. It focuses on deepening and furthering students' understanding in the following ways:

- **Reading**—reinforces reading comprehension skills by teaching students how to comprehend and appreciate poetry, drama, nonfiction, and fiction; shows students how to analyze, evaluate, and interpret a text; reinforces awareness of the elements and structure of narrative prose; guides students through readings of the allegory *Everyman* and Sheldon's *In His Steps*, as well as selections of and excerpts from well-known poetry and short stories.
- **Writing**—develops students' understanding of complex sentence and paragraph structures, providing hands-on experience with connectives, transitions, phrases, and clauses; teaches language history and etymology to help students build on knowledge of grammar and word structures; expands on students' vocabulary skills; gives students the opportunity to develop their abilities in writing a set of instructions, a literary critique, a poem, a short story, and a speech.
- **Speaking**—offers students experience in delivering a speech; teaches skills that enable students to become effective speakers and communicators, weaving the skills throughout the course.
- **Listening**—teaches effective listening comprehension skills, integrating these throughout the lessons.
- **Special Topics**—incorporates research skills, including internet, library, and reference material use, throughout the curriculum.

Unit 1: Language Structure	
Assignments	
English II	1. Course Overview
	2. Forming Noun Plurals (1)
	3. Forming Noun Plurals (2)
	4. Forming Noun Plurals (3)
	5. Forming Noun Plurals (4)
	6. Forming Noun Plurals (5)
	7. Understanding Suffixes
	8. Adding Suffixes
	9. Word Use and Suffixes
	10. Quiz 1: Noun Plurals and Suffixes
	11. Relative and Interrogative Pronouns
	12. Demonstrative and Indefinite Pronouns
	13. Personal Pronouns
	14. Gender and Case in Pronouns
	15. Quiz 2: Pronouns
	16. Pronoun/Antecedent Agreement
	17. Pronoun Reference
	18. Adjective Clauses
	19. Adverb Clauses
	20. Noun Clauses
	21. Quiz 3: Clauses and Pronoun Reference
	22. Documentation
	23. Works Cited
	24. Parenthetical Citation
	25. Documentation Review
	26. Special Project*
	27. Test: Language Structure
	28. Alternate Test: Language Structure*
	29. Reference

Unit 2: Writing Effective Sentences		
English II	Assignments	
	1. Principal Parts and Participles	11. Quiz 2: Phrases
	2. Participles	12. Simple Sentences
	3. Infinitives	13. Compound Sentences
	4. Gerunds	14. Complex Sentences
	5. Quiz 1: Verbals	15. Essay: Effective Writing
	6. Adjective Phrases	16. Quiz 3: Sentences
	7. Adverb Phrases	17. Special Project*
	8. Appositive Phrases and Direct Address	18. Test: Writing Effective Sentences
	9. Participial and Gerund Phrases	19. Alternate Test: Writing Effective Sentences*
	10. Infinitive Phrases	20. Reference

Unit 3: Writing and Reading Skills		
English II	Assignments	
	1. Elements of the Sentence	17. Project: Analyzing Expository Writing
	2. Elements of the Paragraph	18. Understanding Relationships
	3. Connectives and Transitions	19. Essay: Logic
	4. Essay: Using Connectives*	20. Essay: Expository Essay*
	5. Development of Paragraphs	21. Quiz 3: Reading Skills
	6. Essay: Paragraphs	22. Value, Nature, and Role of Oral Reading
	7. Essay: Using Change of Focus*	23. Skills of Oral Reading
	8. Quiz 1: Sentences and Paragraphs	24. Preparation for Oral Reading
	9. Exposition: Instructions	25. Project: Oral Reading*
	10. Project: How-to Evaluation	26. Project: Abridged Reading*
	11. Essay: How-to	27. Quiz 4: Oral Reading
	12. Exposition: Events, Ideas, and Biography	28. Special Project*
	13. Essay: Biography*	29. Test: Writing and Reading Skills
	14. Quiz 2: Elements of Exposition	30. Alternate Test: Writing and Reading Skills*
	15. Recognizing Main Ideas	31. Reference
	16. Advanced Reading Skills	

Unit 4: Speaking and Listening		
English II	Assignments	
	1. Selecting and Limiting a Topic	10. Critical Listening
	2. Choosing the Language (1)	11. Essay: Taking Notes
	3. Choosing the Language (2)	12. Essay: Commercials*
	4. Essay: Writing a Speech	13. Quiz 2: Critical Listening
	5. The Speech	14. Special Project*
	6. Project: Giving the Speech*	15. Test: Speaking and Listening
	7. Quiz 1: Speaking	16. Alternate Test: Speaking and Listening*
	8. The Nature of Listening	17. Reference
	9. Listening for Main Ideas	

Unit 5: The Development of English		
English II	Assignments	
	1. Changes in Language	18. Elizabethan English and the Age of Reason
	2. Changes in Vocabulary	19. Colonization of America
	3. Changes in Meaning	20. Westward Movement/Industrial Revolution
	4. Etymology	21. Quiz 3: The Development of English
	5. History of Words	22. Varieties of English: American and British
	6. Project: Names	23. American Regional Dialects
	7. Connotations and Propaganda	24. Essay: Varieties
	8. Project: Identifying Propaganda*	25. Nonstandard and Standard English
	9. Quiz 1: Etymology	26. Project: Advertising*
	10. Changes in Pronunciation and Spelling	27. Essay: Newspaper
	11. Morphemes	28. Essay: Future Language*
	12. Inflections	29. Quiz 4: Varieties of English
	13. Syntax and Word Relationships	30. Special Project*
	14. Quiz 2: Changes in Language	31. Test: The Development of English
	15. Angles and Saxons	32. Alternate Test: The Development of English*
	16. Norman Invasion	33. Reference
	17. The Renaissance	

  

Unit 6: The Short Story		
English II	Assignments	
	1. Short Story Elements	12. Essay: Critique
	2. Celebrated Jumping Frog of Calaveras County	13. Quiz 2: Writing About Literature
	3. The Lady, or the Tiger?	14. Writing a Short Story
	4. Essay: The Lady, or the Tiger?*	15. Project: Preparing a Short Story
	5. The Necklace	16. Essay: Writing a Short Story
	6. Essay: The Necklace	17. Quiz 3: Using Writing Skills
	7. Quiz 1: Short Story Elements	18. Special Project*
	8. Writing About Literature	19. Test: The Short Story
	9. Project: Outline	20. Alternate Test: The Short Story*
	10. Writing a Literary Critique	21. Reference
	11. Project: Preparing a Critique	

  

Unit 7: Studies in the Novel		
English II	Assignments	
	1. Development of the Novel	11. Essay: Raymond
	2. Drama and the Novel	12. Quiz 2: In His Steps
	3. The Novelist and His Novel	13. The Critical Essay
	4. The Novelist and His Selection	14. Essay: Preparing the Review
	5. The Novelist and His Limits	15. Essay: Writing the Review
	6. The Novelist: His Values and Detachment	16. Quiz 3: The Critical Essay
	7. Quiz 1: The Novelist and the Novel	17. Special Project*
	8. Novel and Plot	18. Test: Studies in the Novel
	9. Character, Symbol, and Mood	19. Alternate Test: Studies in the Novel*
	10. Essay: Maxwell*	20. Reference

Unit 8: Drama		
English II	Assignments	
	1. Greek Drama	11. Everyman: Virtues (670-787)
	2. Roman Drama and Dramatic Elements	12. Everyman: Virtues Lost (788-861)
	3. Quiz 1: Understanding Drama	13. Everyman: Epilogue (862-922)
	4. Oral Interpretation and Christian Drama	14. Essay: Everyman
	5. Everyman: Prologue (1-203)	15. Quiz 2: Everyman
	6. Everyman: Fellowship (204-316)	16. Special Project*
	7. Everyman: Kindred and Cousin (317-390)	17. Test: Drama
	8. Everyman: Goods (391-462)	18. Alternate Test: Drama*
	9. Everyman: Good Deeds (463-521)	19. Reference
	10. Everyman: Knowledge and Confession (522-670)	

Unit 9: Poetry		
English II	Assignments	
	1. Poetic Form and Rhyme	8. Project: Poem Analysis
	2. Meter and Diction	9. Project: Writing a Poem
	3. Imagery and Figurative Language	10. Quiz 2: Poetic Meaning
	4. Figurative Language and Sound Effects	11. Special Project*
	5. Quiz 1: Elements of Poetry	12. Test: Poetry
	6. Literal Meaning	13. Alternate Test: Poetry*
	7. Figurative and Symbolic Meaning	14. Reference

Unit 10: Review		
English II	Assignments	
	1. The Development of English	19. Project: Cutting
	2. English Usage	20. Listening to a Speech
	3. Noun Plurals	21. Essay: Evaluating*
	4. Suffixes	22. Quiz 2: Speaking and Listening
	5. Verbals and Phrases	23. Reading for Meaning
	6. Subordinate Clauses	24. Reading and Experiencing Poetry
	7. Pronouns	25. Interpreting Poetry
	8. Sentence Types	26. Reading Drama
	9. Organizing Paragraphs	27. Everyman
	10. Project: Paragraph	28. Short Story Elements
	11. Punctuating Ideas	29. Reading Short Stories
	12. Writing Compositions	30. Reading a Novel
	13. Essay: Critique	31. Essay: In His Steps*
	14. Quiz 1: English and Writing	32. Quiz 3: Literature
	15. Preparing a Speech	33. Special Project*
	16. Writing and Delivering a Speech	34. Test: Review
	17. Project: Speech*	35. Alternate Test: Review*
	18. Reading Literature to an Audience	36. Reference

## English III

English III continues to build on the sequential development and integration of communication skills in four major areas—reading, writing, speaking, and listening. It most specifically focuses on deepening and furthering students' understanding in the following ways:

- **Reading**—reinforces reading comprehension skills by teaching students comprehension techniques for literary fiction, nonfiction, poetry, and drama; discusses common literary devices; shows students how to analyze, evaluate, and interpret a text; reinforces awareness of the elements and structure of narrative and expository prose; guides students through readings of Thornton Wilder's *Our Town* (play) and Lee's *To Kill a Mockingbird* as well as selections of and excerpts from well-known poetry and nonfiction pieces.
- **Writing**—develops students' writing skills by teaching about clauses and phrases in sentence structures; reviews common sentence construction errors and methods for avoiding them; provides practice in standard and nonstandard English, as well as specialized language use; teaches Greek and Latin roots and prefixes to enhance vocabulary and spelling skills; expands students' abilities to write cohesive and coherent expository prose; gives students the opportunity to develop their abilities in writing literary critiques, personal essays, poetry, and research papers.
- **Special Topics**—incorporates research skills, including internet, library, and reference material use, throughout the curriculum.

Unit 1: Learning and Using Standard English	
Assignments	
English III	1. Course Overview
	2. Acquiring a Language
	3. Essay: Natural Language and Standard English
	4. Learning a Standard
	5. Levels of Usage
	6. Essay: Levels of Standard English
	7. Quiz 1: Why Standard English?
	8. Making a Dictionary
	9. Anatomy of a Dictionary
	10. Project: Dictionary Comparison
	11. Quiz 2: Dictionaries: Guardians of the Standard
	12. Types of Written Standard English
	13. Technical Texts
	14. Informational Texts
	15. Literary Texts
	16. Essay: Writing Across Standard English
	17. Quiz 3: Varieties of Written Standard English
	18. Documentation
	19. Works Cited
	20. Parenthetical Citation
	21. Documentation Review
	22. Special Project*
	23. Test: Learning and Using Standard English
	24. Alternate Test: Learning and Using Standard English*
	25. Reference

Unit 2: Sentence Elements	
Assignments	
English III	1. Clauses
	2. Adverb Clauses and Adjective Clauses
	3. Noun Clauses
	4. Project: Writing Subordinate Clauses
	5. Project: Subordinate Clauses*
	6. Project: Relative Pronouns*
	7. Quiz 1: Clauses
	8. Verbals: Gerunds
	9. Verbals: Participles
	10. Project: Writing with Verbals
	11. Verbals: Infinitives
	12. Combining Verbals
	13. Appositives
	14. Project: Verbals and Appositives
	15. Quiz 2: Verbals and Appositives
	16. Special Project*
	17. Test: Sentence Elements
	18. Alternate Test: Sentence Elements*
	19. Reference

Unit 3: Clear Connections: A Writing Workshop	
Assignments	
English III	1. Nouns and Pronouns
	2. Jobs Personal Pronouns Do
	10. Using Modifiers Correctly
	11. Using Parallel Structure

	3. Other Types of Pronouns	12. Essay: Clear Connections in Action
	4. Quiz 1: Understanding Pronouns	13. Quiz 3: Writing Strong Sentences
	5. Pronoun Case (Part 1)	14. Special Project*
	6. Pronoun Case (Part 2)	15. Test: Sentence Workshop
	7. Pronoun Reference	16. Alternate Test: Sentence Workshop*
	8. Pronoun Agreement	17. Reference
	9. Quiz 2: Using Pronouns	

Unit 4: Meaning and Main Ideas		
Assignments		
English III	1. Greek Prefixes	11. Quiz 2: Word Meanings and Pronunciation
	2. Latin Prefixes	12. Finding the Main Idea
	3. Greek Roots	13. Quiz 3: Main Ideas
	4. Project: Greek Roots	14. Analyzing a Textbook
	5. Latin Roots	15. Essay: Outline and Essay
	6. Project: Latin Roots	16. Quiz 4: Analyzing a Textbook
	7. Quiz 1: Prefixes and Roots	17. Special Project*
	8. Context Clues	18. Test: Meaning and Main Ideas
	9. Project: Using Context Clues	19. Alternate Test: Meaning and Main Ideas*
	10. Diacritical Marking	20. Reference

Unit 5: Poetry		
Assignments		
English III	1. Measurement in Poetry	13. Project: Prose Paraphrase
	2. Essay: Response to ANNABEL LEE	14. Project: Prose Paraphrase*
	3. Meter and Metrical Sets	15. The Experience of Love
	4. Project: The Meter of a Poem*	16. Project: Society and Young People
	5. Musical Effects: Rhyme	17. Quiz 2: Poetic Themes
	6. Other Musical Effects	18. Imagery and Connotation
	7. Form in Poetry	19. Essay: Writing a Poem
	8. Essay: Narrative and Lyric Poetry	20. Quiz 3: Imagery and Connotation
	9. Project: Sonnet	21. Special Project*
	10. Quiz 1: Structure of Poetry	22. Test: Poetry
	11. Universality and the Experience of Faith	23. Alternate Test: Poetry*
	12. The Experience of Faith (cont.)	24. Reference





Unit 9: Research		
English III	Assignments	
	1. The Investigative Process	11. Outlining the Paper
	2. Choosing Your Subject	12. Project: Outline
	3. Quiz 1: The Investigative Process	13. Using Sources and Transitions
	4. Locating Sources and Taking Notes	14. Writing and Revising
	5. Using Note Cards*	15. Essay: Research Paper
	6. Formulating a Thesis	16. Quiz 3: The Composition
	7. Thesis Statement	17. Special Project*
	8. Quiz 2: Gathering Information	18. Test: Research
	9. Keeping it Relevant	19. Alternate Test: Research*
	10. Revised Thesis	20. Reference
Unit 10: Review		
English III	Assignments	
	1. Context Clues and Word Parts	13. American Drama
	2. Dictionary Skills	14. Elements of Poetry
	3. Quiz 1: Analyzing Written Words	15. American Poetry
	4. Clauses and Sentence Types	16. Early American Novels
	5. Phrases	17. 20th Century Novels
	6. Avoiding Sentence Errors	18. Essay: To Kill a Mockingbird*
	7. Quiz 2: Writing Effective Sentences	19. Nonfiction
	8. Writing Expository Prose	20. Quiz 4: American Literature
	9. Essay: Expository Essay	21. Special Project*
	10. Research Papers	22. Test: Review
	11. Critical Analysis	23. Alternate Test: Review*
	12. Quiz 3: Expository Prose	24. Reference

## English IV

English IV continues to build on the sequential development and integration of communication skills in four major areas—reading, writing, speaking, and listening. It most specifically focuses on deepening and furthering students' understanding in the following ways:

- **Reading**—reinforces reading comprehension skills by teaching students comprehension techniques for literary fiction, poetry, and drama, including discussion of common literary devices; shows students how to analyze, evaluate, and interpret a text; reinforces awareness of the elements and structure of narrative and expository prose; guides students through English literary history, including readings of Shakespeare's *Hamlet*, Milton's *Paradise Lost*, *Beowulf*, Bunyan's *The Pilgrim's Progress*, and other selections of and excerpts from major English literary figures.
- **Writing**—develops students' writing skills by teaching about clauses and phrases in sentence structures; reviews common sentence and paragraph construction errors and methods for avoiding them; teaches Greek and Latin roots and prefixes to enhance vocabulary and spelling skills; expands students' abilities to write cohesive and coherent expository prose; gives students the opportunity to develop their abilities in writing literary critiques, poetry, short stories, and expository prose.
- **Listening**—teaches effective listening comprehension skills, weaving these throughout the lessons; builds upon students' study skills as well as helps them to become reliable and efficient note takers.
- **Special Topics**—incorporates research skills, including internet, library, and reference material use, throughout the curriculum.

Unit 1: The Worth of Words	
Assignments	
English IV	1. Course Overview
	2. Roots and Affixes
	3. Word Elements
	4. Jargon and Acronyms
	5. Quiz 1: Word Study
	6. Expository Writing
	7. Paragraph Structure
	8. Essay: Writing a Paragraph
	9. Coherence and Consistency in Writing
	10. Mechanics
	11. Spelling
	12. Additional Spelling Drill*
	13. Quiz 2: Expository Writing
	14. Sentence Structure
	15. Dangling Modifiers and Parallelism
	16. Errors in Reference, Agreement, and Logic
	17. Diction
	18. Essay: Writing a Longer Essay
	19. Quiz 3: Sentence Structure
	20. Documentation
	21. Works Cited
	22. Parenthetical Citation
	23. Documentation Review
	24. Special Project*
	25. Test: The Worth of Words
	26. Alternate Test: The Worth of Words*
	27. Reference

Unit 2: The Structure of Language		
English IV	Assignments	
	1. Nouns and Pronouns	10. Gerunds and Infinitives
	2. Verbs and Verb Phrases	11. Adverb and Adjective Clauses
	3. Other Parts of Speech	12. Noun Clauses
	4. Quiz 1: Parts of Speech	13. Project: Variety in Writing
	5. The Structure of Sentences	14. Quiz 3: Methods of Subordination
	6. The Parts of the Sentence	15. Special Project*
	7. Project: Sentence Patterns	16. Test: The Structure of Language
	8. Quiz 2: Sentence Structure	17. Alternate Test: The Structure of Language*
	9. Methods of Subordination: Participles	18. Reference

Unit 3: Reading and Research		
English IV	Assignments	
	1. Word Recognition: Drill One	11. Project: Web Search Projects*
	2. Identifying Main Ideas	12. Phrase Recognition: Drill Five
	3. Word Recognition: Drill Two	13. Taking Effective Notes
	4. Opinions, Implications, and Inferences	14. Project: Writing a Paper from Notes
	5. Essay: Using Details in Writing	15. Quiz 2
	6. Quiz 1: Reading for Comprehension	16. Special Project*
	7. Phrase Recognition: Drill Three	17. Test: Reading and Research
	8. Finding Information in the Library	18. Alternate Test: Reading and Research*
	9. Word Meaning: Drill Four	19. Reference
	10. Finding Information on the Internet	

Unit 4: Language, God's Gift to Man		
English IV	Assignments	
	1. Origin of Language	8. Project: Semantics and Advertising
	2. Quiz 1: Origin of Language	9. Project: Levels of Usage and Meaning
	3. Grammar	10. Quiz 3: Semantics
	4. Structural Grammar	11. Special Project*
	5. Generative Grammar	12. Test: Language
	6. Quiz 2: Grammar	13. Alternate Test: Language*
	7. Semantics	14. Reference

Unit 5: Medieval English Literature		
English IV	Assignments	
	1. Early England	13. 14th Century Writers; Chaucer
	2. Old English	14. Chaucer's Language
	3. The Epic and Beowulf	15. Canterbury Tales
	4. Project: Kennings*	16. Essay: Character Study
	5. Project: Beowulf*	17. Essay: Modern Pilgrimage*
	6. Elegies, Riddles, and Gnomes	18. The Nun's Priest's Tale
	7. Essay: The Elegies	19. Response to The Nun's Priest's Tale
	8. Quiz 1: Old English	20. Quiz 3: Fourteenth Century Literature
	9. English Literature (1066-1400)	21. Special Project*
	10. Project: Ballad*	22. Test: Medieval English Literature
	11. Essay: 13th C. Literary Forms*	23. Alternate Test: Medieval English Literature*
	12. Quiz 2: Early Middle English	24. Reference

Unit 6: Elizabethan Literature		
English IV	Assignments	
	1. Elizabethan Songs	13. Hamlet: Act III
	2. Elizabethan Sonnets: Sidney	14. Hamlet: Act IV

	3.	Sonnets: Spenser, Shakespeare, and Donne	15.	Hamlet: Act V
	4.	Translations and Prose	16.	Quiz 3: Hamlet
	5.	Essay: Elizabethan Literature*	17.	The Critical Essay
	6.	Quiz 1: Elizabethan Poetry and Prose	18.	Project: Preparing the Critical Essay
	7.	Elizabethan Drama	19.	Essay: Writing the Critical Essay
	8.	William Shakespeare	20.	Quiz 4: The Critical Essay
	9.	Quiz 2: Elizabethan Drama	21.	Special Project*
	10.	Hamlet: Act I, i-ii	22.	Test: Elizabethan Literature
	11.	Hamlet: Act I, iii-v	23.	Alternate Test: Elizabethan Literature*
	12.	Hamlet: Act II	24.	Reference

### Unit 7: 17th- and 18th-Century English Literature

#### Assignments

English IV	1.	The Historical Background of the Literature	11.	Samuel Johnson
	2.	John Milton	12.	Oliver Goldsmith
	3.	On the Morning of Christ's Nativity	13.	Essay: Swift and Goldsmith
	4.	Paradise Lost: Book I	14.	Quiz 3: Johnson and Goldsmith
	5.	Paradise Lost: Book VII, Book XII	15.	Special Project*
	6.	John Bunyan	16.	Test: 17th- and 18th-Century English Literature
	7.	Quiz 1: Milton and Bunyan	17.	Alternate Test: 17th- and 18th-Century English Literature*
	8.	Alexander Pope	18.	Reference
	9.	Jonathan Swift		
	10.	Quiz 2: Pope and Swift		

### Unit 8: Romantic and Victorian Poetry

#### Assignments

English IV	1.	Romantic Revolution	13.	Quiz 2: The Romantic Poets
	2.	Poetic Revolution	14.	Victorian Variety
	3.	Quiz 1: The Romantic Age	15.	Essay: Queen Victoria
	4.	Romantic Poets: Wordsworth	16.	Alfred, Lord Tennyson
	5.	William Wordsworth: Other Poems	17.	Essay: Views of Nature
	6.	Essay: Lessons from Nature	18.	Robert and Elizabeth Barrett Browning
	7.	Samuel Taylor Coleridge	19.	Gerard Manley Hopkins
	8.	George Gordon, Lord Byron	20.	Quiz 3: The Victorian Poets
	9.	Essay: Response to Guilt	21.	Special Project*
	10.	Percy Bysshe Shelley	22.	Test: Romantic and Victorian Poetry
	11.	John Keats	23.	Alternate Test: Romantic and Victorian Poetry*
	12.	Essay: John Constable*	24.	Reference

Unit 9: Creative Writing		
English IV	Assignments	
	1. Fiction	12. Writing the Poem
	2. Poetry	13. Project: Using Personification*
	3. Quiz 1: Fiction and Poetry	14. Project: Writing A Poem
	4. Writing the Short Story	15. Project: Writing Free Verse
	5. Project: Journal*	16. Project: Writing a Limerick*
	6. Project: Writing Descriptions	17. Quiz 3: Writing Poetry
	7. Project: Character Sketch	18. Special Project*
	8. Narration and Style	19. Test: Creative Writing
	9. Essay: Inventing Characters*	20. Alternate Test: Creative Writing*
	10. Essay: Writing a Short Story	21. Reference
	11. Quiz 2: Writing the Short Story	
Unit 10: Review		
English IV	Assignments	
	1. Origin and Form of Words	15. Elizabethan Literature
	2. Grammar and Semantics	16. Elizabethan Drama
	3. Reading and Literature Types	17. Hamlet
	4. Expository Writing	18. Quiz 2: The Middle Ages and Renaissance
	5. Project: Expository Paragraph	19. Seventeenth-Century Puritan Literature
	6. Sentence Structure	20. Satire, Sense, and Sensibility
	7. Sentence Errors	21. Romantic Poetry
	8. Essay: Expository Essay*	22. The Victorian Era
	9. Creative Writing	23. Quiz 3: 17th-19th-Century English Literature
	10. Quiz 1: Language	24. Special Project*
	11. Medieval English Literature	25. Test: Review
	12. Beowulf and Medieval English History	26. Alternate Test: Review*
	13. Middle English Literature	27. Reference
	14. The Canterbury Tales	

# Mathematics

## Mathematics 300

Math 300 is a full-year elementary math course focusing on number skills and numerical literacy. In it, students will gain solid experience with number theory and operations, learning how to apply these in measurement situations. This course also integrates geometric concepts and skills throughout the units, as well as introducing students to statistical concepts.

By the end of the course, students will be expected to do the following:

- Understand place value and know how to compare and order numbers.
- Perform addition and subtraction, carrying and borrowing on whole numbers.
- Know basic multiplication facts.
- Understand representations in fraction and mixed number forms.
- Understand concepts of likelihood and basic probability.
- Understand concepts of shape, symmetry, and perimeter.
- Understand measurement concepts, including time and temperature.
- Understand representations using decimals and money.

Unit 1: Whole Numbers	
Assignments	
Mathematics 300	1. Course Overview
	2. Patterns: Digits and Number Words
	3. Place Value
	4. Single-Digit Addition
	5. Single-Digit Subtraction
	6. Addition Problems
	7. Subtraction Problems
	8. Quiz 1
	9. Numbers on a Number Line
	10. Pattern for Expanded Notation
	11. Adding Multi-Digit Numbers
	12. Quiz 2
	13. Subtracting 3-Digit Numbers
	14. Measurement
	15. Operation Symbols
	16. Quiz 3
	17. Adding with Carrying
	18. Cardinal and Ordinal Numbers
	19. Standard Measurement for Time
	20. Calendar Time
	21. Quiz 4
	22. Unit Concept Review 1
	23. Unit Concept Review 2
	24. Practice: Addition and Subtraction
	25. Quiz 5
	26. Special Project*
	27. Review Game
	28. Test
	29. Alternate Test*
	30. Reference

Unit 2: Number Patterns		
Mathematics 300	Assignments	
	1. Family of Facts	14. Money
	2. Adding Ones, Tens, and Hundreds	15. Review: Borrowing
	3. Subtracting Ones, Tens, and Hundreds	16. Addition: Checking Answers
	4. Quiz 1	17. Subtraction: Checking Answers
	5. Place Value and Number Words	18. Quiz 4
	6. Addition with Carrying	19. Review: Number Order and Place Value
	7. Skip Counting and Number Words	20. Review: Addition and Subtraction Facts
	8. Quiz 2	21. Quiz 5
	9. Skip Counting and Addition with Carrying	22. Special Project*
	10. Fractions	23. Review Game
	11. Subtracting with Borrowing	24. Test
	12. Quiz 3	25. Alternate Test*
	13. Shapes	26. Reference
Unit 3: Whole Numbers and Fractions		
Mathematics 300	Assignments	
	1. Fact Families, Mental Math, and Addition	15. Fractions - Continued
	2. Column Addition	16. Addition Practice
	3. Addition: With and Without Carrying	17. Time: AM and PM
	4. Quiz 1	18. Quiz 4
	5. Measurements: Weight and Volume	19. Review: Addition, Subtraction, and Money
	6. Fact Family, Place Value, and Number Order	20. Review: Story Problems, Lines, Shapes, and Measurement
	7. Checking Addition Problems	21. Quiz 5
	8. More Checking Addition Problems	22. Special Project*
	9. Quiz 2	23. Review Game
	10. Subtraction with Borrowing	24. Test
	11. Number Sentences and Symbols	25. Alternate Test*
	12. Subtraction with Borrowing and Checking	26. Reference
	13. Quiz 3	
	14. Fractions	
Unit 4: Place Value		
Mathematics 300	Assignments	
	1. Numbers to Thousands Place	13. Roman Numerals
	2. Addition and Skip Counting	14. Review: Subtraction with Borrowing
	3. Quiz 1	15. Quiz 4
	4. Rounding and Estimation	16. Review: Fractions
	5. Subtraction with Borrowing	17. Review: Word Problems and Money
	6. Measurement	18. Quiz 5
	7. Quiz 2	19. Special Project*
	8. Number Words and Place Value	20. Review Game
	9. Number Patterns	21. Test
	10. Addition and Subtraction: Horizontal Form	22. Alternate Test*
	11. Quiz 3	23. Reference
	12. Adding and Subtracting Fractions	



Unit 5: Measurement, Shapes, and Review		
Mathematics 300	Assignments	
	1. Operation Symbols and Number Sense	14. Odd and Even Numbers
	2. Multi-Digit Addition and Subtraction	15. Review: Checking Addition
	3. Cardinal and Ordinal Numbers	16. Review: Checking Subtraction
	4. Quiz 1	17. Review: Roman Numerals and Fractions
	5. Number Patterns Using Place Value	18. Quiz 4
	6. Measuring Temperature	19. Review: Multiple Concepts
	7. Quiz 2	20. Review: Story Problems
	8. Operation Symbols	21. Quiz 5
	9. Shapes and Symmetry	22. Special Project*
	10. Rounding and Estimating	23. Review Game
	11. Finding Perimeter	24. Test
	12. Quiz 3	25. Alternate Test*
	13. Multi-Digit Addition and Subtraction	26. Reference
Unit 6: Multiplication, Addition, and Subtraction		
Mathematics 300	Assignments	
	1. Multi-Digit Addition	13. Lines, Angles, and Temperature
	2. Skip Counting and Multiplication	14. Review: Addition and Subtraction
	3. Review: Telling Time	15. Quiz 4
	4. Quiz 1	16. Story Problems
	5. Review: Subtraction	17. Multiple Concept Review
	6. Perimeter and Area	18. Review: Calendar
	7. Review: Fractions	19. Quiz 5
	8. Quiz 2	20. Special Project*
	9. Addition and Equivalent Fractions	21. Review Game
	10. Money Computation and Roman Numerals	22. Test
	11. Quiz 3	23. Alternate Test*
	12. Multiplication	24. Reference
Unit 7: Operations, Likelihood, and Probability		
Mathematics 300	Assignments	
	1. Review: Place Value	13. Quiz 3
	2. Review: Subtraction with Borrowing	14. Review: Money
	3. Multiplication Facts (1)	15. Multiplication Facts (2)
	4. Quiz 1	16. Quiz 4
	5. Measurement	17. Multiple Concept Review
	6. Practicing Subtraction with Borrowing	18. Quiz 5
	7. Mixed Numbers	19. Special Project*
	8. Quiz 2	20. Review Game
	9. Review: Expanded Notation and Roman Numerals	21. Test
	10. Probability and Likelihood	22. Alternate Test*
	11. Math Facts	23. Reference
	12. Symmetry	

Unit 8: Measurement, Fractions, and Decimals		
Mathematics 300	Assignments	
	1. Shapes, Measurement, and Addition	12. Multiple Concept Practice
	2. Time and Measurement	13. Review: Addition with Checking
	3. Quiz 1	14. Quiz 4
	4. Fractions, Odd and Even Number Patterns	15. Word Problems
	5. Decimals	16. Using Graphs
	6. Money Problems	17. Quiz 5
	7. Quiz 2	18. Special Project*
	8. Fractions, Place Value, and Measurement	19. Review Game
	9. Directions	20. Test
	10. Quiz 3	21. Alternate Test*
	11. Multiplication Facts	22. Reference
Mathematics 300	Unit 9: Review: Multiple Concepts	
	Assignments	
	1. How Numbers Work	13. Quiz 3
	2. Math Facts	14. Symmetry and Shapes
	3. Add/Subtract with Checking	15. Roman Numerals
	4. Multiplication	16. Quiz 4
	5. Quiz 1	17. Likelihood and Graphing
	6. Equivalent Fractions	18. Problem Solving
	7. Reading and Writing Fractions	19. Quiz 5
	8. Fraction Computation	20. Special Project*
	9. Quiz 2	21. Review Game
	10. Measure: Length, Perimeter, and Area	22. Test
	11. Measure: Money, Time, and Temperature	23. Alternate Test*
	12. Measure: Weight and Volume	24. Reference
Mathematics 300	Unit 10: Basic Math Review	
	Assignments	
	1. Review: Rounding and Estimation	13. Review: Shapes and Symmetry
	2. Review: Adding Fractions	14. Review: Roman Numerals
	3. Review: Subtracting Fractions	15. Review: Measurement
	4. Review: Multiplication Facts	16. Quiz 4
	5. Quiz 1	17. Review: Number Symbols and Grouping
	6. Review: Mental Math, Graphs, Likelihood	18. Review: Perimeter and Area
	7. Review: Addition and Subtraction Computation	19. Review: Problem Solving
	8. Quiz 2	20. Quiz 5
	9. Review: Fractions and Decimals	21. Special Project*
	10. Review: Add and Subtract Mixed Numbers and Fractions	22. Review Game
	11. Review: Finding Missing Numbers	23. Test
	12. Quiz 3	24. Alternate Test*
		25. Reference

## Mathematics 400

Math 400 is a full-year elementary math course focusing on number skills and numerical literacy. In it, students will gain solid experience with number theory and operations, including decimals and fractions. This course also integrates geometric concepts and skills throughout the units, teaches measurement skills, and introduces students to statistical concepts.

By the end of the course, students will be expected to do the following:

- Perform all four operations on whole numbers.
- Compare and order numbers, using place value and rounding.
- Add and subtract fractions and decimals.
- Understand measurement concepts, including the metric system.
- Calculate perimeters and areas of regular plane shapes.
- Represent data on varied statistical charts.

Unit 1: Number Sense and Place Value	
Assignments	
Mathematics 400	1. Course Overview
	2. Place Value to 1,000s
	3. Single-Digit Addition
	4. Single-Digit Subtraction
	5. Multi-Digit Addition
	6. Multi-Digit Subtraction
	7. Review Place Value to 1,000s
	8. Quiz 1
	9. Multiplication Facts
	10. Family of Facts
	11. Telling Time
	12. Quiz 2
	13. Number Words
	14. Patterns
	15. Cardinal and Ordinal Numbers
	16. Quiz 3
	17. Reading and Writing Fractions
	18. Practice Multiplication
	19. Counting Money
	20. Operations
	21. Quiz 4
	22. Review: Numbers
	23. Story Problems
	24. Quiz 5
	25. Special Project*
	26. Review Game
	27. Test
	28. Alternate Test*
	29. Reference



Unit 5: Division and Measurement		
Mathematics 400	Assignments	
	1. Introduction to Division	14. Quiz 3
	2. Multiplication	15. Missing Number Problems
	3. Addition and Subtraction	16. Division Practice
	4. Review: Time and Number Sense	17. Roman Numerals
	5. Quiz 1	18. Review: Regrouping
	6. Linear Measurement	19. Quiz 4
	7. Capacity (Dry and Liquid Measurement)	20. Patterns
	8. Division Facts	21. Quiz 5
	9. Review: Multiplication	22. Special Project*
	10. Quiz 2	23. Review Game
	11. Reading a Calendar	24. Test
	12. Perimeter and Area	25. Alternate Test*
	13. Finding Perimeter and Area	26. Reference
Unit 6: Multiplication and Fractions		
Mathematics 400	Assignments	
	1. Prime and Composite Numbers	13. Equivalent Fractions
	2. Multiples	14. Review: Rounding and Shapes
	3. Division with Remainders	15. Quiz 4
	4. Quiz 1	16. Factors and Multiples
	5. Equations and Grouping	17. Problem Solving with Equations
	6. Proper and Improper Fractions	18. Quiz 5
	7. Quiz 2	19. Special Project*
	8. Multiplication Facts For 11 and 12	20. Review Game
	9. Fractions and Mixed Numbers	21. Test
	10. Review: Division and Roman Numerals	22. Alternate Test*
	11. Quiz 3	23. Reference
	12. Measurements	
Unit 7: Fractions and Patterns		
Mathematics 400	Assignments	
	1. Multiplication and Division	13. Review: Shapes, Perimeter, and Area
	2. Factors, Multiples, and Variables	14. Fractions and Patterns
	3. Fractions	15. Practice: Operations and Money
	4. Quiz 1	16. Quiz 4
	5. Multiplication and Fractions	17. Review: Cardinal and Ordinal Numbers
	6. Average and Number Rules	18. Quiz 5
	7. Review: Measurement and Place Value	19. Special Project*
	8. Quiz 2	20. Review Game
	9. Fractions	21. Test
	10. Missing Number Problems	22. Alternate Test*
	11. Quiz 3	23. Reference
	12. Rounding Numbers and Place Value	

Unit 8: Division and Fractions		
Mathematics 400	Assignments	
	1. Factoring and Place Value	13. Fractions
	2. Review: Two-Digit Multiplication	14. Review: Time
	3. Fractions	15. Quiz 4
	4. Quiz 1	16. Review: Operations and Rounding
	5. Division	17. Review: Roman Numerals, Measurement, and Symbols
	6. Fractions	18. Quiz 5
	7. Missing Number Problems	19. Special Project*
	8. Quiz 2	20. Review Game
	9. Multiplication	21. Test
	10. Division	22. Alternate Test*
	11. Quiz 3	23. Reference
	12. The Metric System	

  

Unit 9: Decimals and Fractions		
Mathematics 400	Assignments	
	1. Decimals	13. Mixed Numbers
	2. Money	14. Sensible Answers
	3. Multiplication of Whole Numbers	15. Quiz 4
	4. Quiz 1	16. Review: Fractions
	5. Ordered Pairs	17. Review
	6. Division and Averages	18. Quiz 5
	7. Quiz 2	19. Special Project*
	8. Add and Subtract Decimals	20. Review Game
	9. Fractions with Different Denominators	21. Test
	10. Equivalent Fractions and Decimals	22. Alternate Test*
	11. Quiz 3	23. Reference
	12. Multiply and Divide	

  

Unit 10: Graphing and Review		
Mathematics 400	Assignments	
	1. Data Collection and Random Sampling	11. Quiz 3
	2. Project: Collecting Data	12. Sizes, Shapes, and Measurements
	3. Project: Predicting Data	13. Word Problems and Equations
	4. Graphs	14. Quiz 4
	5. Quiz 1	15. Special Project*
	6. Whole Numbers	16. Review Game
	7. Decimal Numbers	17. Test
	8. Quiz 2	18. Alternate Test*
	9. Problem Solving with Fractions	19. Reference
	10. Fractions	

## Mathematics 500

Math 500 is a full-year elementary math course focusing on number skills, mathematical literacy, and geometric concepts. Students will gain solid experience with number theory and operations, including whole numbers, decimals, and fractions. In addition, students will develop their understanding of measurement and two- and three- dimensional figures. This course also integrates mathematical practices throughout the units, as well as introducing students to algebraic, statistical, and probability concepts.

In this course, students will be taught the following:

### **Place Value, Addition, and Subtraction**

- Adding and subtracting of decimals and fractions
- Comparing and ordering whole numbers
- Determining rules for number patterns
- Mental math
- Rounding and estimating

### **Multiplying Whole Numbers and Decimals**

- Estimating whole number products
- Multiplying decimals
- Multiplying whole numbers
- Properties of multiplication

### **Dividing Whole Numbers and Decimals**

- Dividing with money
- Dividing whole numbers and decimals
- Estimating quotients
- Interpreting remainders

### **Algebra and Graphing**

- Coordinate plane
- Expressions
- Graphing functions
- Integers
- Numerical patterns in tables and graphs
- Order of operations
- Scatterplots

### **Measurement**

- Capacity
- Density
- Length
- Mass
- Time and temperature
- The Metric System
- Weight

### **Factors and Fractions**

- Comparing fractions and decimals
- Equivalent fractions
- Factors
- Fractions
- Greatest Common Factor/Least Common Multiple
- Improper fractions and mixed numbers
- Prime factorization
- Rounding fractions
- Simplifying fractions

### **Fraction Operations**

- Adding and subtracting fractions
- Adding and subtracting mixed numbers
- Estimating sums and differences
- Multiplying mixed numbers
- Multiplying whole numbers and fractions

### **Data Analysis and Probability**

- Bar/Line Graphs
- Choosing the right graph
- Collecting data and frequency tables
- Line plots
- Listing outcomes
- Making predictions
- Measures of central tendency
- Probability
- Stem-and-Leaf plots

### **Geometry**

- Angles
- Circles
- Geometry terms
- Polygons
- Quadrilaterals
- Making predictions
- Similar and congruent figures
- Solid figures
- Symmetry
- Transformations
- Triangles



**Perimeter, Area, and Volume**

- Perimeter, Area, and Volume
- Area
- Circumference
- Parallelograms
- Polygons
- Regular polygons
- Squares and rectangles
- Surface area
- Triangles
- Volume

**Financial Literacy**

- Exploring your finances

Unit 1: Place Value, Addition, and Subtraction		
Assignments		
Mathematics 500	1. Course Overview	16. Adding Decimal Numbers
	2. Whole Number Place Value	17. Determining Rules to Generate Number Patterns
	3. Comparing and Ordering Whole Numbers	18. Subtracting Decimal Numbers
	4. Decimal Number Place Value	19. Exploring Your Finances
	5. Comparing and Ordering Decimal Numbers	20. Project: Logical Reasoning
	6. Quiz: Place Value	21. Quiz: Addition and Subtraction
	7. Alternate Quiz - Form A: Place Value*	22. Alternate Quiz - Form A: Addition and Subtraction*
	8. Alternate Quiz - Form B: Place Value*	23. Alternate Quiz - Form B: Addition and Subtraction*
	9. Rounding Whole Numbers and Decimals	24. Special Project*
	10. Estimating Sums and Differences	25. Review
	11. Add and Subtract Mentally	26. Test
	12. Quiz: Rounding and Estimating	27. Alternate Test - Form A*
	13. Alternate Quiz - Form A: Rounding and Estimating*	28. Alternate Test - Form B*
	14. Alternate Quiz – Form B: Rounding and Estimating*	29. Glossary and Credits
	15. Adding and Subtracting Whole Numbers	

Unit 2: Multiplying Whole Numbers and Decimals		
Mathematics 500	Assignments	
	1. Estimating Whole Number Products	14. Estimating Decimal Products
	2. Properties of Multiplication	15. Multiplying Whole Numbers by Decimals
	3. Multiplying Whole Numbers	16. Multiplying Decimals by Decimals
	4. Quiz: Multiplying Whole Numbers	17. Solving Multiplication Problems
	5. Alternate Quiz —Form A: Multiplying Whole Numbers*	18. Quiz: Multiplying Decimal Numbers
	6. Alternate Quiz —Form B: Multiplying Whole Numbers*	19. Alternate Quiz —Form A: Multiplying Decimal Numbers*
	7. Exponents	20. Alternate Quiz —Form B: Multiplying Decimal Numbers*
	8. Multiplying Whole Numbers by Powers of Ten	21. Special Project*
	9. Project: How Much is a Million	22. Review
	10. Multiplying Decimals by Powers of Ten	23. Test
	11. Quiz: Powers	24. Alternate Test—Form A*
	12. Alternate Quiz —Form A: Powers*	25. Alternate Test—Form B *
	13. Alternate Quiz —Form B: Powers*	26. Glossary and Credits

Unit 3: Dividing Whole Numbers and Decimals		
Mathematics 500	Assignments	
	1. Understanding Division	14. Alternate Quiz —Form B: Two-Digit Divisors*
	2. Estimating Quotients	15. Dividing by Powers of Ten
	3. Dividing Whole Numbers	16. Dividing Decimals by Whole Numbers
	4. Remainders	17. Dividing with Money
	5. Quiz: One-Digit Divisors	18. Quiz : Decimal Division
	6. Alternate Quiz —Form A: One-Digit Divisors*	19. Alternate Quiz —Form A: Decimal Division*
	7. Alternate Quiz —Form B: One-Digit Divisors*	20. Alternate Quiz —Form B: Decimal Division*
	8. Dividing by Multiples of Ten	21. Special Project*
	9. Dividing Whole Numbers I	22. Review
	10. Dividing Whole Numbers II	23. Test
	11. Interpreting the Remainder	24. Alternate Test—Form A*
	12. Quiz: Two-Digit Divisors	25. Alternate Test—Form B*
	13. Alternate Quiz —Form A: Two-Digit Divisors*	26. Glossary and Credits

Unit 4: Algebra and Graphing	
Assignments	
1. Addition and Subtraction Expressions	15. The Coordinate Plane
2. Multiplication and Division Expressions	16. Graphing Functions
3. The Order of Operations	17. Interpreting Graphs
4. Quiz: Expressions	18. Scatterplots
5. Alternate Quiz —Form A: Expressions*	19. Numerical Patterns in a Table/Graph
6. Alternate Quiz —Form B: Expressions*	20. Integers
7. Addition and Subtraction Equations	21. Quiz: Graphing
8. Multiplication Equations	22. Alternate Quiz —Form A: Graphing*
9. Functions	23. Alternate Quiz —Form B: Graphing*
10. Numerical Patterns	24. Special Project*
11. Project: Patterns	25. Review
12. Quiz: Patterns, Functions, and Equations	26. Test
13. Alternate Quiz —Form A: Patterns, Functions, and Equations*	27. Alternate Test—Form A*
14. Alternate Quiz —Form B: Patterns, Functions, and Equations*	28. Alternate Test—Form B*
	29. Glossary and Credits

Unit 5: Measurement	
Assignments	
1. The Metric System	14. Alternate Quiz —Form B: The Customary System*
2. Length	15. Time
3. Mass	16. Elapsed Time
4. Capacity	17. Temperature
5. Quiz: The Metric System	18. Quiz : Time and Temperature
6. Alternate Quiz —Form A: The Metric System*	19. Alternate Quiz —Form A: Time and Temperature*
7. Alternate Quiz —Form B: The Metric System*	20. Alternate Quiz —Form B: Time and Temperature*
8. Length	21. Special Project*
9. Weight	22. Review
10. Capacity	23. Test
11. Project: Density	24. Alternate Test—Form A*
12. Quiz: The Customary System	25. Alternate Test—Form B*
13. Alternate Quiz —Form A: The Customary System*	26. Glossary and Credits

Unit 6: Factors and Fractions	
Assignments	
1. Factors	14. Least Common Multiple
2. Prime Factorization	15. Comparing Fractions
3. Greatest Common Factor	16. Fractions and Decimals
4. Quiz: Factors	17. Rounding Fractions
5. Alternate Quiz —Form A: Factors*	18. Quiz: Fractions
6. Alternate Quiz —Form B: Factors*	19. Alternate Quiz —Form A: Fractions*
7. Fractions	20. Alternate Quiz —Form B: Fractions*
8. Improper Fractions and Mixed Numbers	21. Special Project*
9. Simplifying Fractions	22. Review
10. Equivalent Fractions	23. Test
11. Quiz: Equivalent Fractions	24. Alternate Test—Form A*
12. Alternate Quiz —Form A: Equivalent Fractions*	25. Alternate Test—Form B*
13. Alternate Quiz —Form B: Equivalent Fractions*	26. Glossary and Credits

Unit 7: Fraction Operations	
Assignments	
1. Adding and Subtracting Fractions	15. Multiplying Fractions
2. Adding and Subtracting Mixed Numbers	16. Multiplying Mixed Numbers

3.	Estimating Sums and Differences	17.	Dividing Fractions
4.	Quiz: Like Denominators	18.	Quiz : Multiplying and Dividing Fractions
5.	Alternate Quiz—Form A: Like Denominators*	19.	Alternate Quiz —Form A: Multiplying and Dividing Fractions*
6.	Alternate Quiz —Form B: Like Denominators*	20.	Alternate Quiz —Form B: Multiplying and Dividing Fractions*
7.	Adding Fractions	21.	Special Project*
8.	Subtracting Fractions	22.	Review
9.	Adding Mixed Numbers	23.	Test
10.	Subtracting Mixed Numbers	24.	Alternate Test—Form A*
11.	Quiz: Unlike Denominators	25.	Alternate Test—Form B*
12.	Alternate Quiz —Form A: Unlike Denominators*	26.	Glossary and Credits
13.	Alternate Quiz —Form B: Unlike Denominators*		
14.	Multiplying Whole Numbers and Fractions		

Unit 8: Data Analysis and Probability				
Assignments				
Mathematics 500	1.	Collecting Data and Frequency Tables	13.	Alternate Quiz —Form B: Displaying Data*
	2.	Measures of Central Tendency	14.	Probability
	3.	Line Plots	15.	Probability as a Fraction
	4.	Stem-and-Leaf Plots	16.	Listing Outcomes
	5.	Quiz: Collecting and Analyzing Data	17.	Making Predictions
	6.	Alternate Quiz —Form A: Collecting and Analyzing Data*	18.	Quiz : Probability
	7.	Alternate Quiz —Form B: Collecting and Analyzing Data*	19.	Alternate Quiz —Form A: Probability*
	8.	Bar Graphs	20.	Alternate Quiz —Form B: Probability*
	9.	Line Graphs	21.	Special Project*
	10.	Choosing the Right Graph	22.	Review
	11.	Quiz: Displaying Data	23.	Test
	12.	Alternate Quiz —Form A: Displaying Data*	24.	Alternate Test—Form A*
			25.	Alternate Test—Form B*
			26.	Glossary and Credits

Unit 9: Geometry				
Assignments				
Mathematics 500	1.	Geometry Terms	14.	Similar and Congruent Figures
	2.	Angles	15.	Transformations
	3.	Circles	16.	Symmetry
	4.	Quiz: Geometry	17.	Project: Constructions
	5.	Alternate Quiz —Form A: Geometry*	18.	Quiz : Transformations and Symmetry
	6.	Alternate Quiz —Form B: Geometry*	19.	Alternate Quiz —Form A: Transformations and Symmetry*
	7.	Polygons	20.	Alternate Quiz —Form B: Transformations and Symmetry*
	8.	Triangles	21.	Special Project*
	9.	Quadrilaterals	22.	Review
	10.	Solid Figures	23.	Test
	11.	Quiz : Classifying Plane and Solid Figures	24.	Alternate Test—Form A*
	12.	Alternate Quiz —Form A: Classifying Plane and Solid Figures*	25.	Alternate Test—Form B*
	13.	Alternate Quiz —Form B: Classifying Plane and Solid Figures*	26.	Glossary and Credits

Unit 10: Perimeter, Area, and Volume				
Assignments				
Mathematics 500	1.	Polygons	14.	Surface Area
	2.	Regular Polygons	15.	Volume
	3.	Circumference	16.	Solving Volume Problems
	4.	Quiz - Perimeter	17.	Project: Solid Figures
	5.	Alternate Quiz - Form A: Perimeter*	18.	Quiz - Solid Figures
	6.	Alternate Quiz - Form B: Perimeter*	19.	Alternate Quiz - Form A: Solid Figures*
	7.	Area	20.	Alternate Quiz - Form B: Solid Figures*

8.	Squares and Rectangles	21.	Special Project*
9.	Parallelograms	22.	Review
10.	Triangles	23.	Test
11.	Quiz - Area	24.	Alternate Test - Form A*
12.	Alternate Quiz - Form A: Area*	25.	Alternate Test - Form B*
13.	Alternate Quiz - Form B: Area*	26.	Glossary and Credits

Math 500	Unit 11: Course Review and Exam			
	Assignments			
	1.	Course Review 1	4.	Alternate Exam - Form A*
	2.	Course Review 2	5.	Alternate Exam - Form B*
	3.	Exam		

## Mathematics 600 Fundamentals

Math 600 Fundamentals is a full-year elementary math course focusing on number skills and numerical literacy, with an introduction to the number skills needed for algebra. In it, students will gain solid experience with number theory and operations, including decimals and fractions. This course also integrates geometric concepts and skills throughout the units, as well as introducing students to statistical and probability concepts.

**By the end of the course, students will be expected to do the following:**

- Perform all four operations on whole numbers, decimals, and fractions.
- Factor numbers completely and find greatest common factors.
- Convert between fractions, decimals, and percentages.
- Represent numbers with exponents.
- Calculate perimeters and areas of regular plane shapes and measure angles.
- Plot ordered pairs on coordinate grids.
- Represent data on statistical charts, including picture, bar, line, and circle graphs.
- Calculate probabilities and make predictions.

Unit 1: Whole Numbers and Algebra	
Assignments	
Mathematics 600 Fundamentals	1. Course Overview
	2. Rounding and Estimation
	3. Whole Number Operations
	4. Real Number Properties
	5. Quiz 1: Whole Numbers and Their Properties
	6. Alternate Quiz 1: Form A: Whole Numbers and
	7. Their Properties*
	8. Alternate Quiz 1: Form B: Whole Numbers and
	9. Their Properties*
	10. Exponents
	11. Squares, Cubes, and Roots
	12. Order of Operations
	13. Number Patterns
	14. Quiz 2: Operations and Number Patterns
	15. Alternate Quiz 2: Form A: Operations and Number
	Patterns*
	14. Alternate Quiz 2: Form B: Operations and Number
	Patterns*
	15. Variables
	16. Expressions
	17. Variable Expressions
	18. Equations and Mental Math
	19. Quiz 3: Algebra
	20. Alternate Quiz 3: Form A: Algebra*
	21. Alternate Quiz 3: Form B: Algebra*
	22. Special Project*
	23. Review
	24. Test
	25. Alternate Test: Form A*
	26. Alternate Test: Form B*
	27. Glossary and Credits

Unit 2: Data Analysis	
Assignments	
Mathematics 600 Fundamentals	1. Collecting Data and the Mean
	2. Median, Mode, and Range
	3. Describing Data
	4. Quiz 1: Collecting and Describing Data
	5. Alternate Quiz 1: Form A: Collecting and Describing Data*
	6. Data*
	7. Alternate Quiz 1: Form B: Collecting and Describing Data*
	8. Data*
	9. Frequency Tables
	10. Histograms
	11. Line Plots
	12. Stem-and-Leaf Plots
	13. Quiz 2: Organizing Data
	14. Alternate Quiz 2: Form A: Organizing Data*
	15. Alternate Quiz 2: Form B: Organizing Data*
	14. Bar Graphs
	Line Graphs
	15. Venn Diagrams
	16. Vertex-Edge Graphs
	17. Quiz 3: Displaying and Interpreting Data
	18. Alternate Quiz 3: Form A: Displaying and Interpreting Data*
	19. Alternate Quiz 3: Form B: Displaying and Interpreting Data*
	20. Special Project*
	21. Review
	22. Test
	23. Alternate Test: Form A*
	24. Alternate Test: Form B*
	25. Glossary and Credits

Unit 3: Decimals	
Assignments	
Mathematics 600 Fundamentals	1. Decimals and Place Value
	2. Ordering and Comparing
	3. Rounding and Estimating
	4. Adding and Subtracting
	5. Quiz 1: Decimal Numbers
	6. Alternate Quiz 1: Form A: Decimal Numbers*
	7. Alternate Quiz 1: Form B: Decimal Numbers*
	8. Multiplying by Whole Numbers
	9. Multiplying by Decimals
	10. Dividing by Whole Numbers
	11. Dividing by Decimals
	12. Quiz 2: Multiplying and Dividing Decimal Numbers
	13. Alternate Quiz 2: Form A: Multiplying and Dividing Decimal Numbers*
	14. Alternate Quiz 2: Form B: Multiplying and Dividing Decimals and Place Value
	15. Length
	16. Mass and Capacity
	17. Multiplying and Dividing by Powers of Ten
	18. Converting Metric Units
	19. Quiz 3: The Metric System
	20. Alternate Quiz 3: Form A: The Metric System*
	21. Alternate Quiz 3: Form B: The Metric System*
	22. Special Project*
	23. Review
	24. Test
	25. Alternate Test: Form A*
	26. Alternate Test: Form B*
	27. Glossary and Credits

Unit 4: Fractions	
Assignments	
Mathematics 600 Fundamentals	1. Divisibility and Prime Factorization
	2. Greatest Common Factor
	3. Fractions
	4. Equivalent Fractions
	5. Quiz 1: Factors and Fractions
	6. Alternate Quiz 1: Form A: Factors and Fractions*
	7. Alternate Quiz 1: Form B: Factors and Fractions*
	8. Least Common Multiple
	9. Comparing and Ordering Fractions
	10. Improper Fractions and Mixed Numbers
	11. Quiz 2: The LCM and Fractions
	12. Alternate Quiz 2: Form A: The LCM and Fractions*
	13. Alternate Quiz 2: Form B: The LCM and Fractions*
	14. Changing Decimals to Fractions
	15. Changing Fractions to Decimals
	16. Estimating with Fractions
	17. Measures of Time
	18. Quiz 3: Decimals and Fractions
	19. Alternate Quiz 3: Form A: Decimals and Fractions*
	20. Alternate Quiz 3: Form B: Decimals and Fractions*
	21. Special Project*
	22. Review
	23. Test
	24. Alternate Test: Form A*
	25. Alternate Test: Form B*
	26. Glossary and Credits

Unit 5: Fraction Operations	
Assignments	
Mathematics 600 Fundamentals	1. Fractions with Like Denominators
	2. Fractions with Unlike Denominators
	14. Alternate Quiz 2: Form B: Multiplying and Dividing Fractions*

3.	Mixed Numbers	15.	Length
4.	Renaming Mixed Numbers	16.	Weight
5.	Quiz 1: Adding and Subtracting Fractions	17.	Capacity
6.	Alternate Quiz 1: Form A: Adding and Subtracting Fractions*	18.	Quiz 3: The Customary System
7.	Alternate Quiz 1: Form B: Adding and Subtracting Fractions*	19.	Alternate Quiz 3: Form A: The Customary System*
8.	Multiplying Fractions	20.	Alternate Quiz 3: Form B: The Customary System*
9.	Multiplying Mixed Numbers	21.	Special Project*
10.	Dividing Fractions	22.	Review
11.	Dividing Mixed Numbers	23.	Test
12.	Quiz 2: Multiplying and Dividing Fractions	24.	Alternate Test: Form A*
13.	Alternate Quiz 2: Form A: Multiplying and Dividing Fractions*	25.	Alternate Test: Form B*
		26.	Glossary and Credits

Unit 6: Ratio, Proportion, and Percent				
Mathematics 600 Fundamentals	Assignments			
	1.	Ratios	14.	Converting Between Decimals and Percents
	2.	Geometry: Circumference	15.	Converting Between Fractions and Percents
	3.	Rates	16.	Data Analysis: Circle Graphs
	4.	Quiz 1: Ratios	17.	Percent of a Number
	5.	Alternate Quiz 1: Form A: Ratios*	18.	Quiz 3: Percent
	6.	Alternate Quiz 1: Form B: Ratios*	19.	Alternate Quiz 3: Form A: Percent*
	7.	Proportions	20.	Alternate Quiz 3: Form B: Percent*
	8.	Solving Proportions	21.	Special Project*
	9.	Scale Drawings	22.	Review
	10.	Project: Make a Scale Drawing	23.	Test
	11.	Quiz 2: Proportions	24.	Alternate Test: Form A*
	12.	Alternate Quiz 2: Form A: Proportions*	25.	Alternate Test: Form B*
13.	Alternate Quiz 2: Form B: Proportions*	26.	Glossary and Credits	

Unit 7: Probability and Geometry				
Mathematics 600 Fundamentals	Assignments			
	1.	Introduction to Probability	14.	Triangles
	2.	Complementary Events	15.	Quadrilaterals
	3.	Sample Space	16.	Polygons
	4.	Project: Theoretical vs. Experimental Probability	17.	Congruent and Similar Figures
	5.	Quiz 1: Probability	18.	Quiz 3: Geometry: Polygons
	6.	Alternate Quiz 1: Form A: Probability*	19.	Alternate Quiz 3: Form A: Geometry: Polygons*
	7.	Alternate Quiz 1: Form B: Probability*	20.	Alternate Quiz 3: Form B: Geometry: Polygons*
	8.	Introduction to Geometry	21.	Special Project*
	9.	Measuring and Classifying Angles	22.	Review
	10.	Angle Relationships	23.	Test
	11.	Quiz 2: Geometry: Angles	24.	Alternate Test: Form A*
	12.	Alternate Quiz 2: Form A: Geometry: Angles*	25.	Alternate Test: Form B*
13.	Alternate Quiz 2: Form B: Geometry: Angles*	26.	Glossary and Credits	

Unit 8: Geometry and Measurement				
Mathematics 600 Fundamentals	Assignments			
	1.	Perimeter	13.	Finding Missing Dimensions
	2.	Area of Parallelograms	14.	Project: Triangular Prisms
	3.	Area of Triangles	15.	Quiz 2: Solid Figures
	4.	Area of Composite Figures	16.	Alternate Quiz 2: Form A: Solid Figures*
	5.	Area of Circles	17.	Alternate Quiz 2: Form B: Solid Figures*
	6.	Project: Estimating Area	18.	Special Project*
7.	Quiz 1: Plane Figures	19.	Review	



8.	Alternate Quiz 1: Form A: Plane Figures*	20.	Test
9.	Alternate Quiz 1: Form B: Plane Figures*	21.	Alternate Test: Form A*
10.	Solid Figures	22.	Alternate Test: Form B*
11.	Surface Area of Rectangular Prisms	23.	Glossary and Credits
12.	Volume of Rectangular Prisms		

Unit 9: Integers and Transformations				
Mathematics 600 Fundamentals	Assignments			
	1.	Integers	14.	Alternate Quiz 2: Form B: Integer Operations*
	2.	Comparing and Ordering Integers	15.	Translations
	3.	Absolute Value	16.	Reflections and Rotations
	4.	Coordinate Plane	17.	Line Symmetry
	5.	Quiz 1: Integers	18.	Quiz 3: Transformations
	6.	Alternate Quiz 1: Form A: Integers*	19.	Alternate Quiz 3: Form A: Transformations*
	7.	Alternate Quiz 1: Form B: Integers*	20.	Alternate Quiz 3: Form B: Transformations*
	8.	Addition	21.	Special Project*
	9.	Subtraction	22.	Review
	10.	Multiplication	23.	Test
	11.	Division	24.	Alternate Test: Form A*
	12.	Quiz 2: Integer Operations	25.	Alternate Test: Form B*
	13.	Alternate Quiz 2:Form A: Integer Operations*	26.	Glossary and Credits

Unit 10: Equations and Functions		
Mathematics 600 Fundamentals	Assignments	
	1. Equations	14. Alternate Quiz 2: Form B: More Equations and Inequalities*
	2. Writing Equations	15. Functions
	3. Addition Equations	16. Function Rules
	4. Subtraction Equations	17. Graphing Functions
	5. Quiz 1: Equations	18. Quiz 3: Functions
	6. Alternate Quiz 1: Form A: Equations*	19. Alternate Quiz 3: Form A: Functions*
	7. Alternate Quiz 1: Form B: Equations*	20. Alternate Quiz 3: Form B: Functions*
	8. Multiplication Equations	21. Special Project*
	9. Division Equations	22. Review
	10. Inequalities	23. Test
	11. Graphing Inequalities	24. Alternate Test: Form A*
	12. Quiz 2: More Equations and Inequalities	25. Alternate Test: Form B*
	13. Alternate Quiz 2: Form A: More Equations and Inequalities*	26. Glossary and Credits

  

Unit 11: Course Review and Exam		
M600F	Assignments	
	1. Course Review 1	4. Alternate Exam: Form A*
	2. Course Review 2	5. Alternate Exam: Form B*
	3. Exam	

## Mathematics 600

Math 600 is a full-year elementary math course focusing on number skills and numerical literacy, with an introduction to rational numbers and the skills needed for algebra. In it, students will gain solid experience with number theory and operations, including decimals and fractions. This course also integrates ratio relationships and proportional reasoning throughout the units, as well as introduces students to geometric and statistical concepts.

- **Unit 1:** Identify, compare, and calculate problems with decimal numbers.
- **Unit 2:** Identify, reduce, compare, and represent fractions.
- **Unit 3:** Use division to solve problems involving fractions.
- **Unit 4:** Use ratios to solve problems, interpret data, and make comparisons.
- **Unit 5:** Use rates and percentages to solve problems.
- **Unit 6:** Calculate the measurements of geometric shapes.
- **Unit 7:** Identify and use rational numbers and their opposites.
- **Unit 8:** Identify, use, and compare expressions.
- **Unit 9:** Translate, write, and solve equations involving addition, subtraction, multiplication, and division.
- **Unit 10:** Interpret and describe data presented in various graphs.
- **Unit 11:** Review skills and concepts from throughout the course.

Unit 1: Decimals	
Assignments	
1. Course Overview	16. Dividing
2. Decimals and Place Value	17. Dividing by Whole Numbers
3. Comparing and Ordering Decimals	18. Multiplying and Dividing by Powers of Ten
4. Rounding and Estimating	19. Dividing by Decimals
5. Adding and Subtracting	20. Converting Metric Units
6. Quiz - Decimal Numbers	21. Project: Decimals Performance Task B
7. Alternate Quiz - Form A: Decimal Numbers*	22. Quiz: Dividing, Powers of Ten, and Metric Units
8. Alternate Quiz - Form B: Decimal Numbers*	23. Alternate Quiz—Form A: Dividing, Powers of Ten, and Metric Units
9. The Distributive Property and Multiplying	24. Alternate Quiz—Form B: Dividing, Powers of Ten, and Metric Units
10. Multiplying by Whole Numbers	25. Alternate Quiz—Form B: Dividing, Powers of Ten, and Metric Units
11. Multiplying by Decimals	26. Special Project*
12. Project: Decimals Performance Task A	27. Review
13. Quiz: Multiplying Whole Numbers and Decimals	28. Test
14. Alternate Quiz —Form A: Multiplying Whole Numbers and Decimals*	29. Alternate Test - Form A*
15. Alternate Quiz —Form B: Multiplying Whole Numbers and Decimals*	30. Alternate Test - Form B*
	31. Glossary and Credits
	32.

Unit 2: Fractions	
Assignments	
1. Divisibility and Prime Factorization	16. Estimating with Fractions
2. Greatest Common Factor	17. Multiplying Fractions

Mathematics 600	3. Fractions	18. Multiplying Mixed Numbers
	4. Equivalent Fractions	19. Project: Fractions Performance Task B
	5. Quiz: Factors and Fractions	20. Quiz: Estimating and Multiplying Fractions
	6. Alternate Quiz—Form A: Factors and Fractions*	21. Alternate Quiz—Form A: Estimating and Multiplying Fractions*
	7. Alternate Quiz—Form B: Factors and Fractions*	22. Alternate Quiz—Form B: Estimating and Multiplying Fractions*
	8. Least Common Multiple	23. Special Project*
	9. Project: Fractions Performance Task A	24. Review
	10. Comparing and Ordering Fractions	25. Test
	11. Improper Fractions and Mixed Numbers	26. Alternate Test—Form A*
	12. Fractions and Decimals	27. Alternate Test—Form B*
	13. Quiz: The LCM and Fractions	28. Glossary and Credits
	14. Alternate Quiz—Form A: The LCM and Fractions*	
	15. Alternate Quiz—Form B: The LCM and Fractions*	

### Unit 3: Dividing Fractions

#### Assignments

Mathematics 600	1. Dividing with Unit Fractions	12. Project: Dividing Fractions Performance Task B
	2. Dividing Whole Numbers by Fractions	13. Quiz: Dividing Fractions Using an Equation
	3. Dividing Fractions by Whole Numbers	14. Alternate Quiz—Form A: Dividing Fractions Using an Equation*
	4. Dividing Fractions by Fractions	15. Alternate Quiz—Form B: Dividing Fractions Using an Equation*
	5. Project: Dividing Fractions Performance Task A	16. Special Project*
	6. Quiz: Dividing with Fractions Using a Visual Model	17. Review
	7. Alternate Quiz—Form A: Dividing with Fractions Using a Visual Model*	18. Test
	8. Alternate Quiz—Form B: Dividing with Fractions Using a Visual Model*	19. Alternate Test—Form A*
	9. Dividing Fractions	20. Alternate Test—Form B*
	10. Dividing Mixed Numbers	21. Glossary and Credits
	11. Division in Real Life	

### Unit 4: Ratios

#### Assignments

Mathematics 600	1. Ratios	12. Equations
	2. Equivalent Ratios	13. Project: Ratios Performance Task B
	3. Solving Ratio Problems	14. Quiz: Using the Value of a Ratio
	4. More Ratio Problems	15. Alternate Quiz—Form A: Using the Value of a Ratio*
	5. Project: Ratios Performance Task A	16. Alternate Quiz—Form B: Using the Value of a Ratio*
	6. Quiz: Introduction to Ratios	17. Special Project*
	7. Alternate Quiz—Form A: Introduction to Ratios*	18. Review
	8. Alternate Quiz—Form B: Introduction to Ratios*	19. Test
	9. The Value of a Ratio	20. Alternate Test—Form A*
	10. Comparing Ratios	21. Alternate Test—Form B*
	11. Double Number Lines	22. Glossary and Credits

Unit 5: Rates and Percent		
Mathematics 600	Assignments	
	1. Rates	15. Percents and Decimals
	2. Rates and Ratios	16. Percent of a Number
	3. Solving Rate Problems	17. Solving Percent Problems
	4. Quiz: Rates	18. Project: Job, Salary, and Lifetime Income
	5. Alternate Quiz—Form A: Rates*	19. Project: Rates and Percent Performance Task B
	6. Alternate Quiz—Form B: Rates*	20. Quiz: Percents
	7. Converting Measurement	21. Alternate Quiz—Form A: Percents*
	8. Comparison Shopping	22. Alternate Quiz—Form B: Percents*
	9. Speed and Work Problems	23. Special Project*
	10. Project: Rates and Percent Performance Task A	24. Review
	11. Quiz: Applying Ratios and Rates	25. Test
	12. Alternate Quiz —Form A: Applying Ratios and Rates*	26. Alternate Test—Form A*
	13. Alternate Quiz —Form B: Applying Ratios and Rates*	27. Alternate Test—Form B*
	14. Percents and Fractions	28. Glossary and Credits
Unit 6: Geometry and Measure		
Mathematics 600	Assignments	
	1. Polygons	16. Surface Area of Triangular Prisms
	2. Area of a Parallelogram	17. Surface Area of Pyramids
	3. Area of Triangles	18. Project: Geometry and Measurement Performance Task B
	4. Area of Composite Figures	19. Quiz: Solid Figures and Surface Area
	5. Project: Geometry and Measurement Performance Task A	20. Alternate Quiz —Form A: Solid Figures and Surface Area*
	6. Quiz: Plane Figures	21. Alternate Quiz —Form B: Solid Figures and Surface Area*
	7. Alternate Quiz —Form A: Plane Figures*	22. Special Project*
	8. Alternate Quiz —Form B: Plane Figures*	23. Review
	9. Solid Figures	24. Test
	10. Volume	25. Alternate Test—Form A*
	11. More Volume	26. Alternate Test—Form B*
	12. Quiz: Solid Figures and Volume	27. Glossary and Credits
	13. Alternate Quiz —Form A: Solid Figures and Volume*	28. Surface Area of Rectangular Prisms
	14. Alternate Quiz —Form B: Solid Figures and Volume*	
	15. Surface Area of Rectangular Prisms	

Unit 7: Rational Numbers		
Mathematics 600	Assignments	
	1. Integers	16. The Coordinate Plane
	2. Integers in Real Life	17. Reflections on the Coordinate Plane
	3. The Opposite of a Number	18. Distance on the Coordinate Plane
	4. Rational Numbers	19. Polygons on the Coordinate Plane
	5. Quiz: Rational Numbers	20. Project: Rational Numbers Performance Task B
	6. Alternate Quiz —Form A: Rational Numbers*	21. Quiz : The Coordinate Plane
	7. Alternate Quiz —Form B: Rational Numbers*	22. Alternate Quiz —Form A: The Coordinate Plane*
	8. Comparing Integers and Rational Numbers	23. Alternate Quiz —Form B: The Coordinate Plane*
	9. Ordering Integers and Rational Numbers	24. Special Project*
	10. Absolute Value	25. Review
	11. Ordering and Absolute Value in Real Life	26. Test
	12. Project: Rational Numbers Performance Task A	27. Alternate Test—Form A*
	13. Quiz: Comparing, Ordering, and Absolute Value	28. Alternate Test—Form B*
	14. Alternate Quiz —Form A: Comparing, Ordering, and Absolute Value*	29. Glossary and Credits
	15. Alternate Quiz —Form B: Comparing, Ordering, and Absolute Value*	
Unit 8: Numerical and Algebraic Expressions		
Mathematics 600	Assignments	
	1. Real Number Properties	15. Alternate Quiz —Form B: Algebraic Expressions*
	2. Exponents	16. The Distributive Property
	3. Squares, Cubes, and Roots	17. Factoring Expressions
	4. Order of Operations	18. Project: Numerical and Algebraic Expressions Performance Task B
	5. Project: Numerical and Algebraic Expressions Performance Task A	19. Equations and Mental Math
	6. Quiz : Numerical Expressions	20. Quiz: Expressions and Equations
	7. Alternate Quiz —Form A: Numerical Expressions*	21. Alternate Quiz —Form A: Expressions and Equations*
	8. Alternate Quiz —Form B: Numerical Expressions*	22. Alternate Quiz —Form B: Expressions and Equations*
	9. Variables	23. Special Project*
	10. Expressions	24. Review
	11. Simplifying Algebraic Expressions	25. Test
	12. More Simplifying Algebraic Expressions	26. Alternate Test—Form A*
	13. Quiz: Algebraic Expressions	27. Alternate Test—Form B*
	14. Alternate Quiz —Form A: Algebraic Expressions*	28. Glossary and Credits



## Mathematics 700 Fundamentals

Mathematics 700 Fundamentals is designed to prepare junior-high students for Pre-algebra. This course focuses on strengthening needed skills in problem solving, number sense, and proportional reasoning. It also introduces students to integers, equations, and geometric concepts. Students will begin to see the "big picture" of mathematics and learn how numeric, algebraic, and geometric concepts are woven together to build a foundation for higher mathematical thinking.

- **Integers:** Students will learn how to locate, add, subtract, multiply, and divide integers to solve word problems, as well as compare integers using absolute value and the order of operation.
- **Fractions:** Students will understand how fractions can be written into other forms without changing their value, and how to add, subtract, multiply, and divide fractions.
- **Decimals:** Students will explore how to rewrite fractions as decimals, and how to use decimals to solve real-world problems.
- **Patterns and Equations:** Students will learn how to translate words into equations and use them to solve number patterns.
- **Ratios and Proportions:** Students will explore how to use ratios to compare numbers, solve proportions, and convert between percents, decimals, and fractions.
- **Probability and Graphing:** Students will be able to determine the probability of an event, and if they are independent or dependent events, as well as create a graph of an equation.
- **Data Analysis:** Students will learn how to interpret statistics using stem-and-leaf plots, histograms, and other graphical means.
- **Geometry:** Students will explore how points, lines, and planes interact and how to solve equations using their information.
- **Measurement and Area:** Students will learn about finding perimeters and areas of different polygons, and using the Pythagorean theorem to solve problems.
- **Surface Area and Volume:** Students will explore three-dimensional figures and how to find their surface area, volume of them.



Unit 1: Integers	
Assignments	
Mathematics 700 Fundamentals	1. Course Overview
	2. Integers on the Number Line
	3. Comparing and Ordering Integers
	4. Absolute Value
	5. Quiz 1: Integers
	6. Alternate Quiz 1 - Form A: Integers*
	7. Alternate Quiz 1 - Form B: Integers*
	8. Adding Integers with the Same Sign
	9. Adding Integers with Different Signs
	10. Subtracting Integers
	11. Quiz 2: Adding and Subtracting Integers
	12. Alternate Quiz 2 - Form A: Adding and Subtracting Integers*
	13. Alternate Quiz 2 - Form B: Adding and Subtracting Integers*
	14. Multiplying Integers
	15. Dividing Integers
	16. Using Integers
	17. Quiz 3: Multiplying and Dividing Integers
	18. Alternate Quiz 3 - Form A: Multiplying and Dividing Integers*
	19. Alternate Quiz 3 - Form B: Multiplying and Dividing Integers*
	20. The Real Number System
	21. Real Number Properties
	22. The Distributive Property
	23. Order of Operations
	24. Exponents and the Order of Operations
	25. Quiz 4: The Real Number System
	26. Alternate Quiz 4 - Form A: The Real Number System*
	27. Alternate Quiz 4 - Form B: The Real Number System*
	28. Special Project*
	29. Review
	30. Test
	31. Alternate Test - Form A*
	32. Alternate Test - Form B*
	33. Glossary and Credits

Unit 2: Fractions	
Assignments	
Mathematics 700 Fundamentals	1. Fractions and Mixed Numbers
	2. Equivalent Fractions
	3. Divisibility Rules and Prime Factorization
	4. Greatest Common Factor and Least Common Multiple
	5. Quiz 1: Working with Fractions
	6. Alternate Quiz 1 - Form A: Working with Fractions*
	7. Alternate Quiz 1 - Form B: Working with Fractions*
	8. Adding and Subtracting Fractions with Like Denominators
	9. Adding and Subtracting Fractions with Unlike Denominators
	10. Reducing Fractions
	11. Quiz 2: Adding and Subtracting Fractions
	12. Alternate Quiz 2 - Form A: Adding and Subtracting Fractions*
	13. Alternate Quiz 2 - Form B: Adding and Subtracting Fractions*
	14. Comparing and Ordering Fractions
	15. Multiplying Fractions
	16. Dividing Fractions
	17. Quiz 3: Multiplying and Dividing Fractions
	18. Alternate Quiz 3 - Form A: Multiplying and Dividing Fractions*
	19. Alternate Quiz 3 - Form B: Multiplying and Dividing Fractions*
	20. Project: Chef for a Day
	21. Special Project*
	22. Review
	23. Test
	24. Alternate Test - Form A*
	25. Alternate Test - Form B*
	26. Glossary and Credits

Unit 3: Decimals	
Mathematics 700 Fundamentals	Assignments
	1. Comparing and Ordering Decimals
	2. Rounding and Estimating Decimals
	3. Adding and Subtracting Decimals
	4. Multiplying and Dividing Decimals
	5. Quiz 1: Decimals and Their Operations
	6. Alternate Quiz 1 - Form A: Decimals and Their Operations*
	7. Alternate Quiz 1 - Form B: Decimals and Their Operations*
	8. Terminating and Repeating Decimals
	9. Fractions as Decimals
	10. Using Decimals
	11. Scientific Notation
	12. The Metric System
	13. Quiz 2: Applying Decimals
	14. Alternate Quiz 2 - Form A: Applying Decimals*
	15. Alternate Quiz 2 - Form B: Applying Decimals*
	16. Special Project*
	17. Review
	18. Test
	19. Alternate Test - Form A*
	20. Alternate Test - Form B*
	21. Glossary and Credits

  

Unit 4: Patterns and Equations	
Mathematics 700 Fundamentals	Assignments
	1. Working with Variables and Expressions
	2. Translating Word Sentences
	3. Evaluating Expressions
	4. Using Formulas to Solve Problems
	5. Quiz 1: Variable Expressions
	6. Alternate Quiz 1 - Form A: Variable Expressions*
	7. Alternate Quiz 1 - Form B: Variable Expressions*
	8. Identifying Number Patterns
	9. Describing Number Patterns
	10. Identifying Functions
	11. Identifying Function Rules
	12. Quiz 2: Patterns and Functions
	13. Alternate Quiz 2 - Form A: Patterns and Functions*
	14. Alternate Quiz 2 - Form B: Patterns and Functions*
	15. Solving Equations Using Mental Math
	16. Solving Equations Using Addition and Subtraction
	17. Solving Equations Using Multiplication and Division
	18. Quiz 3: Solving Equations
	19. Alternate Quiz 3 - Form A: Solving Equations*
	20. Alternate Quiz 3 - Form B: Solving Equations*
	21. Solving Two-Step Equations
	22. Working with Inequalities
	23. Solving One-Step Inequalities
	24. Quiz 4: Equations and Inequalities
	25. Alternate Quiz 4 - Form A: Equations and Inequalities*
	26. Alternate Quiz 4 - Form B: Equations and Inequalities*
	27. Special Project*
	28. Review
	29. Test
	30. Alternate Test - Form A*
	31. Alternate Test - Form B*
	32. Glossary and Credits

Unit 5: Ratios and Proportions		
Mathematics 700 Fundamentals	Assignments	
	1. Ratios	15. Percent of a Number
	2. Rates	16. Percent of Change
	3. Proportions	17. Solving Percent Problems Using Proportions
	4. Quiz 1: Ratios, Rates, and Proportions	18. Solving Percent Problems Using Equations
	5. Alternate Quiz 1 - Form A: Ratios, Rates, and Proportions*	19. Quiz 3: Fractions, Decimals, and Percents
	6. Alternate Quiz 1 - Form B: Ratios, Rates, and Proportions*	20. Alternate Quiz 3 - Form A: Fractions, Decimals, and Percents*
	7. Converting Customary Units	21. Alternate Quiz 3 - Form B: Fractions, Decimals, and Percents*
	8. Converting Metric Units	22. Special Project*
	9. Similarity	23. Review
	10. Scale Drawings	24. Test
	11. Quiz 2: Using Proportions	25. Alternate Test - Form A*
	12. Alternate Quiz 2 - Form A: Using Proportions*	26. Alternate Test - Form B*
	13. Alternate Quiz 2 - Form B: Using Proportions*	27. Glossary and Credits
	14. Converting Between Fractions, Decimals, and Percents	

Unit 6: Probability and Graphing		
Mathematics 700 Fundamentals	Assignments	
	1. Theoretical Probability	11. Direct Variation
	2. Experimental Probability	12. Quiz 2: Functions
	3. Sample Space	13. Alternate Quiz 2 - Form A: Functions*
	4. Independent and Dependent Events	14. Alternate Quiz 2 - Form B: Functions*
	5. Quiz 1: Probability	15. Special Project*
	6. Alternate Quiz 1 - Form A: Probability*	16. Review
	7. Alternate Quiz 1 - Form B: Probability*	17. Test
	8. Graphing Ordered Pairs	18. Alternate Test - Form A*
	9. Graphing Linear Equations	19. Alternate Test - Form B*
	10. Slope	20. Glossary and Credits

Unit 7: Data Analysis		
Mathematics 700 Fundamentals	Assignments	
	1. Collecting Data	16. Bar Graphs
	2. Determining Mean, Median, and Mode	17. Circle Graphs
	3. Using Mean, Median, and Mode	18. Scatter Plots
	4. Using Range	19. Quiz 3: Graphing Data and Making Predictions
	5. Quiz 1: Describing Data	20. Alternate Quiz 3 - Form A: Graphing Data and Making Predictions*
	6. Alternate Quiz 1 - Form A: Describing Data*	21. Alternate Quiz 3 - Form B: Graphing Data and Making Predictions*
	7. Alternate Quiz 1 - Form B: Describing Data*	22. Special Project*
	8. Box-and-Whisker Plots	23. Review
	9. Stem-and-Leaf Plots	24. Test
	10. Histograms	25. Alternate Test - Form A*
	11. Other Graphs	26. Alternate Test - Form B*
	12. Quiz 2: Organizing Data	27. Glossary and Credits
	13. Alternate Quiz 2 - Form A: Organizing Data*	
	14. Alternate Quiz 2 - Form B: Organizing Data*	
	15. Line Graphs	

Unit 8: Geometry		
Mathematics 700	Assignments	
	1. Introduction to Geometry	15. Symmetry
	2. Special Pairs of Angles	16. Reflections

3.	Polygons	17.	Translations
4.	Circles	18.	Compound Transformations
5.	Quiz 1: Basic Geometry	19.	Quiz 3: Transformations
6.	Alternate Quiz 1 - Form A: Basic Geometry*	20.	Alternate Quiz 3 - Form A: Transformations*
7.	Alternate Quiz 1 - Form B: Basic Geometry*	21.	Alternate Quiz 3 - Form B: Transformations*
8.	Project: Inscribed Polygons	22.	Special Project*
9.	Triangles	23.	Review
10.	Quadrilaterals	24.	Test
11.	Similar Polygons	25.	Alternate Test - Form A*
12.	Quiz 2: Classifying Polygons	26.	Alternate Test - Form B*
13.	Alternate Quiz 2 - Form A: Classifying Polygons*	27.	Glossary and Credits
14.	Alternate Quiz 2 - Form B: Classifying Polygons*		

Unit 9: Measurement and Area				
Assignments				
Mathematics 700 Fundamentals	1.	Perimeter	15.	Squares and Square Roots
	2.	Circumference	16.	The Pythagorean Theorem
	3.	Composite Figures	17.	Applying the Pythagorean Theorem
	4.	Quiz 1: Perimeter	18.	Quiz 3: The Pythagorean Theorem
	5.	Alternate Quiz 1 - Form A: Perimeter*	19.	Alternate Quiz 3 - Form A: The Pythagorean Theorem*
	6.	Alternate Quiz 1 - Form B: Perimeter*	20.	Alternate Quiz 3 - Form B: The Pythagorean Theorem*
	7.	Area of Parallelograms	21.	Special Project*
	8.	Area of Triangles and Trapezoids	22.	Review
	9.	Area of Circles	23.	Test
	10.	Area of Composite Figures	24.	Alternate Test - Form A*
	11.	Dimension Changes	25.	Alternate Test - Form B*
	12.	Quiz 2: Area	26.	Glossary and Credits
	13.	Alternate Quiz 2 - Form A: Area*		
	14.	Alternate Quiz 2 - Form B: Area*		

Unit 10: Surface Area and Volume				
Assignments				
Mathematics 700 Fundamentals	1.	Classifying and Identifying Solids	14.	Surface Area of Cylinders
	2.	Nets	15.	Volume of Cylinders
	3.	Surface Area and Volume	16.	Dimension Changes
	4.	Quiz 1: Solids	17.	Quiz 3: Cylinders
	5.	Alternate Quiz 1 - Form A: Solids*	18.	Alternate Quiz 3 - Form A: Cylinders*
	6.	Alternate Quiz 1 - Form B: Solids*	19.	Alternate Quiz 3 - Form B: Cylinders*
	7.	Surface Area of Rectangular Prisms	20.	Special Project*
	8.	Volume of Rectangular Prisms	21.	Review
	9.	Surface Area of Triangular Prisms	22.	Test
	10.	Volume of Triangular Prisms	23.	Alternate Test - Form A*
	11.	Quiz 2: Prisms	24.	Alternate Test - Form B*
	12.	Alternate Quiz 2 - Form A: Prisms*	25.	Glossary and Credits
	13.	Alternate Quiz 2 - Form B: Prisms*		

Unit 11: Course Review and Exam			
M700F	Assignments		
	1.	Course Review 1	4. Alternate Exam - Form A*
	2.	Course Review 2	5. Alternate Exam - Form B*
	3.	Exam	

## Mathematics 700

Mathematics 700 is designed to prepare junior-high students for Pre-algebra. This course focuses on strengthening needed skills in problem solving, number sense, and proportional reasoning. It also introduces students to integers, equations, and geometric concepts. Students will begin to see the "big picture" of mathematics and learn how numeric, algebraic, and geometric concepts are woven together to build a foundation for higher mathematical thinking.

- **Integers:** Students will learn how to locate, add, subtract, multiply, and divide integers to solve word problems, as well as compare integers using absolute value and the order of operation.
- **Fractions:** Students will understand how fractions can be written into other forms without changing their value, and how to add, subtract, multiply, and divide fractions.
- **Decimals:** Students will explore how to rewrite fractions as decimals, and how to use decimals to solve real-world problems.
- **Patterns and Equations:** Students will learn how to translate words into equations and use them to solve number patterns.
- **Ratios and Proportions:** Students will explore how to use ratios to compare numbers, solve proportions, and convert between percents, decimals, and fractions.
- **Probability and Graphing:** Students will be able to determine the probability of an event, and if they are independent or dependent events, as well as create a graph of an equation.
- **Data Analysis:** Students will learn how to interpret statistics using stem-and-leaf plots, histograms, and other graphical means.
- **Geometry:** Students will explore how points, lines, and planes interact and how to solve equations using their information.
- **Measurement and Area:** Students will learn about finding perimeters and areas of different polygons, and using the Pythagorean theorem to solve problems.
- **Surface Area and Volume:** Students will explore three-dimensional figures and how to find their surface area, volume of them.

Unit 1: Integers	
Assignments	
Mathematics 700	1. Course Overview
	2. Integers on the Number Line
	3. Comparing and Ordering Integers
	4. Absolute Value
	5. Quiz 1: Integers
	6. Alternate Quiz 1—Form A: Integers*
	7. Alternate Quiz 1—Form B: Integers*
	8. Adding Integers with the Same Sign
	9. Adding Integers with Different Signs
	10. Subtracting Integers
	11. Quiz 2: Adding and Subtracting Integers
	12. Alternate Quiz 2—Form A: Adding and Subtracting Integers*
	13. Alternate Quiz 2—Form B: Adding and Subtracting Integers*
	14. Multiplying Integers
	15. Dividing Integers
	16. Using Integers
	17. Performance Task
	18. Quiz 3: Multiplying and Dividing Integers
	19. Alternate Quiz 3—Form A: Multiplying and Dividing Integers*
	20. Alternate Quiz 3—Form B: Multiplying and Dividing Integers*
	21. The Real Number System
	22. Real Number Properties
	23. The Distributive Property
	24. Order of Operations
	25. Exponents and the Order of Operations
	26. Performance Task
	27. Quiz 4: The Real Number System*
	28. Alternate Quiz 4—Form A: The Real Number System*
	29. Alternate Quiz 4—Form B: The Real Number System*
	30. Special Project*
	31. Review
	32. Test
	33. Alternate Test—Form A*
	34. Alternate Test—Form B*
	35. Glossary and Credits

  

Unit 2: Fractions	
Assignments	
Mathematics 700	1. Fractions and Mixed Numbers
	2. Equivalent Fractions
	3. Divisibility Rules and Prime Factorization
	4. Greatest Common Factor and Least Common Multiple
	5. Quiz 1: Working with Fractions
	6. Alternate Quiz 1 - Form A: Working with Fractions*
	7. Alternate Quiz 1 - Form B: Working with Fractions*
	8. Adding and Subtracting Fractions with Like Denominators
	9. Adding and Subtracting Fractions with Unlike Denominators
	10. Reducing Fractions
	11. Performance Task*
	12. Quiz 2: Adding and Subtracting Fractions
	13. Alternate Quiz 2 - Form A: Adding and Subtracting Fractions*
	14. Alternate Quiz 2 - Form B: Adding and Subtracting Fractions*
	15. Comparing and Ordering Fractions
	16. Multiplying Fractions
	17. Dividing Fractions
	18. Performance Task
	19. Quiz 3: Multiplying and Dividing Fractions
	20. Alternate Quiz 3 - Form A: Multiplying and Dividing Fractions*
	21. Alternate Quiz 3 - Form B: Multiplying and Dividing Fractions*
	22. Project: Chef for a Day
	23. Special Project*
	24. Review
	25. Test
	26. Alternate Test - Form A*
	27. Alternate Test - Form B*
	28. Glossary and Credits

Unit 3: Decimals		
Mathematics 700	Assignments	
	1. Comparing and Ordering Decimals	12. Performance Task
	2. Rounding and Estimating Decimals	13. Scientific Notation
	3. Adding and Subtracting Decimals	14. The Metric System
	4. Multiplying and Dividing Decimals	15. Quiz 2: Applying Decimals
	5. Performance Task*	16. Alternate Quiz 2 - Form A: Applying Decimals*
	6. Quiz 1: Decimals and Their Operations	17. Alternate Quiz 2 - Form B: Applying Decimals*
	7. Alternate Quiz 1 - Form A: Decimals and Their Operations*	18. Special Project*
	8. Alternate Quiz 1 - Form B: Decimals and Their Operations*	19. Review
	9. Terminating and Repeating Decimals	20. Test
	10. Fractions as Decimals	21. Alternate Test - Form A*
	11. Using Decimals	22. Alternate Test - Form B*
		23. Glossary and Credits
Unit 4: Patterns and Equations		
Mathematics 700	Assignments	
	1. Working with Variables and Expressions	21. Quiz 3: Solving Equations
	2. Adding and Subtracting Algebraic Expressions	22. Alternate Quiz 3—Form A: Solving Equations*
	3. Expanding and Factoring Variable Expressions	23. Alternate Quiz 3—Form B: Solving Equations*
	4. Evaluating Expressions	24. Solving Two-Step Equations
	5. Using Formulas to Solve Problems	25. Working with Inequalities
	6. Performance Task	26. Solving One-Step Inequalities
	7. Quiz 1: Variable Expressions	27. Solving Two-Step Inequalities
	8. Alternate Quiz 1—Form A: Variable Expressions*	28. Performance Task
	9. Alternate Quiz 1—Form B: Variable Expressions*	29. Quiz 4: Equations and Inequalities
	10. Identifying Number Patterns	30. Alternate Quiz 4—Form A: Equations and Inequalities*
	11. Describing Number Patterns	31. Alternate Quiz 4—Form B: Equations and Inequalities*
	12. Identifying Functions	32. Special Project*
	13. Identifying Function Rules	33. Review
	14. Quiz 2: Patterns and Functions	34. Test
	15. Alternate Quiz 2—Form A: Patterns and Functions*	35. Alternate Test—Form A*
	16. Alternate Quiz 2—Form B: Patterns and Functions*	36. Alternate Test—Form B*
	17. Translating Word Sentences	37. Glossary and Credits
	18. Solving Equations Using Mental Math	
	19. Solving Equations Using Addition and Subtraction	
	20. Solving Equations Using Multiplication and Division	

Unit 5: Ratios and Proportions		
Mathematics 700	Assignments	
	1. Ratios	16. Percent of a Number
	2. Rates	17. Percent of Change
	3. Proportions	18. Solving Percent Problems Using Proportions
	4. Quiz 1: Ratios, Rates, and Proportions	19. Solving Percent Problems Using Equations
	5. Alternate Quiz 1: Form A: Ratios, Rates, and Proportions*	20. Performance Task
	6. Alternate Quiz 1: Form B: Ratios, Rates, and Proportions*	21. Quiz 3: Fractions, Decimals, and Percents
	7. Converting Customary Units	22. Alternate Quiz 3: Form A: Fractions, Decimals, and Percents*
	8. Converting Metric Units	23. Alternate Quiz 3: Form B: Fractions, Decimals, and Percents*
	9. Similarity	24. Special Project*
	10. Scale Drawings	25. Review
	11. Performance Task	26. Test
	12. Quiz 2: Using Proportions	27. Alternate Test: Form A*
	13. Alternate Quiz 2: Form A: Using Proportions*	28. Alternate Test: Form B*
	14. Alternate Quiz 2: Form B: Using Proportions*	29. Glossary and Credits
	15. Converting Between Fractions, Decimals, and Percents	
Unit 6: Probability and Graphing		
Mathematics 700	Assignments	
	1. Theoretical Probability	12. Direct Variation
	2. Experimental Probability	13. Performance Task
	3. Sample Space	14. Quiz 2: Functions
	4. Performance Task	15. Alternate Quiz 2: Form A: Functions*
	5. Independent and Dependent Events	16. Alternate Quiz 2: Form B: Functions*
	6. Quiz 1: Probability	17. Special Project*
	7. Alternate Quiz 1: Form A: Probability*	18. Review
	8. Alternate Quiz 1: Form B: Probability*	19. Test
	9. Graphing Ordered Pairs	20. Alternate Test: Form A*
	10. Graphing Linear Equations	21. Alternate Test: Form B*
	11. Slope	22. Glossary and Credits



Unit 7: Data Analysis		
Mathematics 700	Assignments	
	1. Collecting Data	20. Circle Graphs
	2. Determining Mean, Median, and Mode	21. Performance Task
	3. Using Mean, Median, and Mode	22. Scatter Plots
	4. Using Range	23. Quiz 3: Graphing Data and Making Predictions
	5. Mean Absolute Deviation	24. Alternate Quiz 3: Form A: Graphing Data and Making Predictions*
	6. Quiz 1: Describing Data	25. Alternate Quiz 3: Form B: Graphing Data and Making Predictions*
	7. Alternate Quiz 1: Form A: Describing Data*	26. Financial Assets and Liabilities
	8. Alternate Quiz 1: Form B: Describing Data*	27. Personal Financial Skills
	9. Dot Plots	28. Quiz 4: Financial Skills
	10. Box-and-Whisker Plots	29. Alternate Quiz 4: Form A: Financial Skills
	11. Performance Task	30. Alternate Quiz 4: Form B: Financial Skills
	12. Stem-and-Leaf Plots	31. Special Project*
	13. Histograms	32. Review
	14. Other Graphs	33. Test
	15. Quiz 2: Organizing Data	34. Alternate Test: Form A*
	16. Alternate Quiz 2: Form A: Organizing Data*	35. Alternate Test: Form B*
	17. Alternate Quiz 2: Form B: Organizing Data*	36. Glossary and Credits
	18. Line Graphs	
	19. Bar Graphs	
Unit 8: Geometry		
Mathematics 700	Assignments	
	1. Introduction to Geometry	16. Alternate Quiz 2: Form A: Classifying Polygons*
	2. Special Pairs of Angles	17. Alternate Quiz 2: Form B: Classifying Polygons*
	3. Polygons	18. Symmetry
	4. Circles	19. Reflections
	5. Performance Task	20. Translations
	6. Quiz 1: Basic Geometry	21. Compound Transformations
	7. Alternate Quiz 1: Form A: Basic Geometry*	22. Quiz 3: Transformations
	8. Alternate Quiz 1: Form B: Basic Geometry*	23. Alternate Quiz 3: Form A: Transformations*
	9. Project: Inscribed Polygons	24. Alternate Quiz 3: Form B: Transformations*
	10. Triangles	25. Special Project*
	11. Quadrilaterals	26. Review
	12. Drawing Triangles and Quadrilaterals	27. Test
	13. Similar Polygons	28. Alternate Test: Form A*
	14. Performance Task	29. Alternate Test: Form B*
	15. Quiz 2: Classifying Polygons	30. Glossary and Credits



## Mathematics 800 Fundamentals

Mathematics 800 Fundamentals is an introductory algebra course designed to prepare junior-high school students for Algebra I. The course focuses on strengthening needed skills in problem solving, integers, equations, and graphing. Students will begin to see the "big picture" of mathematics and learn how numeric, algebraic, and geometric concepts are woven together to build a foundation for higher mathematical thinking.

- The Real Number System: Student will explore different properties of numbers, and how to use them to simplify expressions and formulas to make computations easier.
- Modeling Problems in Integers: Student will translate and solve one-step equations, or two-step equations in context, and check solutions for reasonableness, using the order of operations, and by substituting values for variables.
- Modeling Problems with Rational Numbers: Student will add, subtract, multiply, and divide decimals, fractions, and mixed numbers with variables, like, and unlike denominators to solve one and two-step word problems.
- Proportional Reasoning: Student will convert between fractions, decimals, and percents, and compare them, and identify similar and congruent figures and their corresponding parts, and solve for missing measures.
- More with Functions: Student will identify the parts of a line or quadratic equation and be able to graph it, and explore arithmetic and geometric sequences, as well as exponential growth and decay.
- Measurement: Student will explore relationships between sets of lines and the angles they create, understand and use the Pythagorean theorem, and identify characteristics of polygons.
- Plane Geometry: Student will determine how to calculate areas of common polygons, identify different transformations and how to determine the type and original image location.
- Measures of Solid Figures: Student will calculate surface area and volume of different objects, and solve for missing measures of 3 dimensional figures when given surface area or volume, and explain the relationship between surface area and volume.
- Data Analysis: Student will identify the mean, median, mode, range, lower quartile, and upper quartile of different data sets and construct the best display of the information.
- Probability: Student will identify all the possible outcomes of a given situation using combinations, permutations, and probability, and determine if events are dependent or independent.

Unit 1: The Real Number System	
Assignments	
Mathematics 800 Fundamentals	1. Course Overview
	2. Subsets of the Real Number System
	3. Using Variables
	4. The Number Line
	5. Comparing Rational Numbers
	6. Quiz 1: Relationships
	7. Alternate Quiz 1 - Form A: Relationships*
	8. Alternate Quiz 1 - Form B: Relationships*
	9. Properties of the Real Numbers
	10. Exponents
	11. Scientific Notation
	12. Quiz 2: Other Forms
	13. Alternate Quiz 2 - Form A: Other Forms*
	14. Alternate Quiz 2 - Form B: Other Forms*
	15. Square Roots
	16. Order of Operations
	17. Quiz 3: Simplifying
	18. Alternate Quiz 3 - Form A: Simplifying*
	19. Alternate Quiz 3 - Form B: Simplifying*
	20. Special Project*
	21. Review
	22. Test
	23. Alternate Test - Form A*
	24. Alternate Test - Form B*
	25. Glossary and Credits

  

Unit 2: Modeling Problems in Integers	
Assignments	
Mathematics 800 Fundamentals	1. Translating Expressions and Equations
	2. Solving One-Step Equations
	3. Solving Two-Step Equations
	4. Quiz 1: Equations with Real Numbers
	5. Alternate Quiz 1 - Form A: Equations with Real Numbers*
	6. Alternate Quiz 1 - Form B: Equations with Real Numbers*
	7. Relations and Functions
	8. Functions
	9. Analyzing Graphs
	10. Quiz 2: Functions
	11. Alternate Quiz 2 - Form A: Functions*
	12. Alternate Quiz 2 - Form B: Functions*
	13. Addition of Integers
	14. Subtraction of Integers
	15. Multiplying and Dividing Integers
	16. Evaluating Expressions
	17. Quiz 3: Integers
	18. Alternate Quiz 3 - Form A: Integers*
	19. Alternate Quiz 3 - Form B: Integers*
	20. Graphing
	21. One-Step Equations
	22. Two-Step Equations
	23. Problem Solving
	24. Quiz 4: Modeling with Integers
	25. Alternate Quiz 4 - Form A: Modeling with Integers*
	26. Alternate Quiz 4 - Form B: Modeling with Integers*
	27. Special Project*
	28. Review
	29. Test
	30. Alternate Test - Form A*
	31. Alternate Test - Form B*
	32. Glossary and Credits

Unit 3: Modeling Problems With Rational Numbers		
Mathematics 800 Fundamentals	Assignments	
	1. Prime Factorization and the GCF	15. One-Step Addition and Subtraction Equations
	2. Simplifying Fractions	16. One-Step Multiplication and Division Equations
	3. The LCM and the LCD	17. Two-Step Equations
	4. Quiz 1: Number Theory	18. One-Step Inequalities
	5. Alternate Quiz 1 - Form A: Number Theory*	19. Two-Step Inequalities
	6. Alternate Quiz 1 - Form B: Number Theory*	20. Quiz 3: Solving Equations and Inequalities
	7. Adding and Subtracting Like Fractions	21. Alternate Quiz 3 - Form A: Solving Equations and I Inequalities*
	8. Adding and Subtracting Unlike Fractions	22. Alternate Quiz 3 - Form B: Solving Equations and Inequalities*
	9. Adding and Subtracting Decimal Numbers	23. Special Project*
	10. Multiplying and Dividing Fractions	24. Review
	11. Multiplying and Dividing Decimal Numbers	25. Test
	12. Quiz 2: Solving Problems with Rational Numbers	26. Alternate Test - Form A*
	13. Alternate Quiz 2 - Form A: Solving Problems with Rational Numbers*	27. Alternate Test - Form B*
	14. Alternate Quiz 2 - Form B: Solving Problems with Rational Numbers*	28. Glossary and Credits

Unit 4: Proportional Reasoning		
Mathematics 800 Fundamentals	Assignments	
	1. Proportions	17. Indirect Measure
	2. Applications	18. Models and Scales
	3. Direct Variation	19. Quiz 3: Measurement/Similar Figures
	4. Quiz 1: Proportions	20. Alternate Quiz 3 - Form A: Measurement/Similar Figures*
	5. Alternate Quiz 1 - Form A: Proportions*	21. Alternate Quiz 3 - Form B: Measurement/Similar Figures*
	6. Alternate Quiz 1 - Form B: Proportions*	22. Project: Proportional Reasoning
	7. Fraction, Percent and Decimal Equivalents	23. Alternate Project: Proportional Reasoning*
	8. Solving Percent Problems	24. Special Project*
	9. Applications	25. Review
	10. More Applications	26. Test
	11. Quiz 2: Percents	27. Alternate Test - Form A*
	12. Alternate Quiz 2 - Form A: Percents*	28. Alternate Test - Form B*
	13. Alternate Quiz 2 - Form B: Percents*	29. Glossary and Credits
	14. Unit Conversion within Customary Units	
	15. Unit Conversion within Metric Units	
	16. Corresponding Parts	

Unit 5: More With Functions		
Mathematics 800 Fundamentals	Assignments	
	1. Rewriting Equations	16. Alternate Quiz 2 - Form B: Families of Functions*
	2. Combine Like Terms	17. Patterns and Arithmetic Sequences
	3. Solving Equations by Combining Like Terms	18. Geometric Sequences
	4. Distributive Property	19. Exponential Sequences
	5. Solving Equations with Distributive Property	20. Recursive Sequences
	6. Quiz 1: Solving Equations	21. Quiz 3: Patterns
	7. Alternate Quiz 1 - Form A: Solving Equations*	22. Alternate Quiz 3 - Form A: Patterns*
	8. Alternate Quiz 1 - Form B: Solving Equations*	23. Alternate Quiz 3 - Form B: Patterns*
	9. Slope	24. Special Project*
	10. Using Intercepts	25. Review
	11. Slope-Intercept Form	26. Test
	12. More Slope-Intercept Form	27. Alternate Test - Form A*
	13. Non-Linear Functions	28. Alternate Test - Form B*
	14. Quiz 2: Families of Functions	29. Glossary and Credits
	15. Alternate Quiz 2 - Form A: Families of Functions*	
Unit 6: Measurement		
Mathematics 800 Fundamentals	Assignments	
	1. Classify and Measure Angles	12. Quiz 2: Polygons
	2. Perpendicular and Parallel Lines, Part 1	13. Alternate Quiz 2 - Form A: Polygons*
	3. Perpendicular and Parallel Lines, Part 2	14. Alternate Quiz 2 - Form B: Polygons*
	4. Circles	15. Pythagorean Theorem, Part 1
	5. Quiz 1: Angle Measures and Circles	16. Pythagorean Theorem, Part 2
	6. Alternate Quiz 1 - Form A: Angle Measures and Circles*	17. Quiz 3: Indirect Measure
	7. Alternate Quiz 1 - Form B: Angle Measures and Circles*	18. Alternate Quiz 3 - Form A: Indirect Measure*
	8. Classifying Polygons	19. Alternate Quiz 3 - Form B: Indirect Measure*
	9. Interior and Exterior Measures of Polygons	20. Special Project*
	10. Classifying Triangles and the Triangle Inequality Theorem	21. Review
	11. The Quadrilateral Family	22. Test
		23. Alternate Test - Form A*
		24. Alternate Test - Form B*
		25. Glossary and Credits

Unit 7: Plane Geometry		
Mathematics 800 Fundamentals	Assignments	
	1. Perimeter and Circumference	15. Alternate Quiz 2 - Form B: Symmetry and Reflections*
	2. Area of Parallelograms	16. Translations
	3. Area of Triangles and Trapezoids	17. Tessellations
	4. Area of Circles	18. Rotations
	5. Composite Figures	19. Dilations
	6. Effects of Dimensional Changes	20. Quiz 3: Other Transformations
	7. Quiz 1: Perimeter and Area	21. Alternate Quiz 3 - Form A: Other Transformations*
	8. Alternate Quiz 1 - Form A: Perimeter and Area*	22. Alternate Quiz 3 - Form B: Other Transformations*
	9. Alternate Quiz 1 - Form B: Perimeter and Area*	23. Special Project*
	10. Symmetry	24. Review
	11. Distance and Midpoint	25. Test
	12. Reflections	26. Alternate Test - Form A*
	13. Quiz 2: Symmetry and Reflections	27. Alternate Test - Form B*
	14. Alternate Quiz 2 - Form A: Symmetry and Reflections*	28. Glossary and Credits

Unit 8: Measures of Solid Figures		
Mathematics 800 Fundamentals	Assignments	
	1. Solid Figures	15. Volume of Cones
	2. Euler's Formula	16. Volume of Spheres
	3. Surface Area of Rectangular Prisms	17. Changes to Volume
	4. Surface Area of Triangular Prisms	18. Volume of Composite Figures
	5. Surface Area of Cylinders	19. Quiz 2: Volume
	6. Surface Area of Pyramids, Cones, and Spheres	20. Alternate Quiz 2 - Form A: Volume*
	7. Surface Area of Composite Figures	21. Alternate Quiz 2 - Form B: Volume*
	8. Quiz 1: Surface Area	22. Special Project*
	9. Alternate Quiz 1 - Form A: Surface Area*	23. Review
	10. Alternate Quiz 1 - Form B: Surface Area*	24. Test
	11. Volume of Rectangular Prisms	25. Alternate Test - Form A*
	12. Volume of Triangular Prisms	26. Alternate Test - Form B*
	13. Volume of Square Pyramids	27. Glossary and Credits
	14. Volume of Cylinders	28.

Unit 9: Data Analysis		
Mathematics 800 Fundamentals	Assignments	
	1. Collecting Data	12. Scatter Plots
	2. Measures of Central Tendency and Dispersion	13. Misleading Graphs
	3. Bar Graphs	14. Appropriate Displays
	4. Circle Graphs	15. Quiz 2: More Data Displays
	5. Line Graphs	16. Alternate Quiz 2 - Form A: More Data Displays*
	6. Frequency and Histograms	17. Alternate Quiz 2 - Form B: More Data Displays*
	7. Quiz 1: Collecting and Representing Data	18. Special Project*
	8. Alternate Quiz 1 - Form A: Collecting and Representing Data*	19. Review
	9. Alternate Quiz 1 - Form B: Collecting and Representing Data*	20. Test
	10. Constructing Box-and-Whisker Plots	21. Alternate Test - Form A*
	11. Interpreting Box-and-Whisker Plots	22. Alternate Test - Form B*
		23. Glossary and Credits

Unit 10: Probability		
Mathematics 800 Fundamentals	Assignments	
	1. Tree Diagrams and the Counting Principle	12. Quiz 2: Probability

	2.	Permutations	13.	Alternate Quiz 2 - Form A: Probability*
	3.	Combinations	14.	Alternate Quiz 2 - Form B: Probability*
	4.	Mixed Review of Outcomes	15.	<b>Simulate a Problem</b>
	5.	Quiz 1: Outcomes	16.	Quest: All That's Fair In...*
	6.	Alternate Quiz 1 - Form A: Outcomes*	17.	Special Project*
	7.	Alternate Quiz 1 - Form B: Outcomes*	18.	<b>Review</b>
	8.	Probability and Odds	19.	<b>Test</b>
	9.	Experimental vs Theoretical Probability	20.	Alternate Test - Form A*
	10.	Disjointed and Overlapping Events	21.	Alternate Test - Form B*
	11.	Independent and Dependent Events	22.	<b>Glossary and Credits</b>

Unit 11: Course Review and Exam				
M8F	<b>Assignments</b>			
	1.	Review I	4.	Alternate Exam - Form A*
	2.	Review II	5.	Alternate Exam - Form B*
	3.	Exam		



## Mathematics 800

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- **Measures of Solid Figures:** Student will calculate surface area and volume of different objects, and solve for missing measures of 3 dimensional figures when given surface area or volume, and explain the relationship between surface area and volume.
- **Data Analysis:** Student will identify the mean, median, mode, range, lower quartile, and upper quartile of different data sets and construct the best display of the information.
- **Probability:** Student will identify all the possible outcomes of a given situation using combinations, permutations, and probability, and determine if events are dependent or independent.

Unit 1: The Real Number System		
Mathematics 800	Assignments	
	1. Course Overview	15. Alternate Quiz 2 - Form A: Other Forms*
	2. Subsets of the Real Number System	16. Alternate Quiz 2 - Form B: Other Forms*
	3. Using Variables	17. Square Roots
	4. The Number Line	18. Order of Operations
	5. Comparing Rational Numbers	19. Quiz 3: Simplifying
	6. Decimal-Fraction Conversions	20. Alternate Quiz 3 - Form A: Simplifying*
	7. Quiz 1: Relationships	21. Alternate Quiz 3 - Form B: Simplifying*
	8. Alternate Quiz 1 - Form A: Relationships*	22. Performance Task
	9. Alternate Quiz 1 - Form B: Relationships*	23. Special Project*
	10. Properties of the Real Numbers	24. Review
	11. Exponents	25. Test
	12. Performance Task	26. Alternate Test - Form A*
	13. Scientific Notation	27. Alternate Test - Form B*
	14. Operations with Scientific Notation	28. Glossary and Credits
	15. Quiz 2: Other Forms	
Unit 2: Modeling Problems in Integers		
Mathematics 800	Assignments	
	1. Translating Expressions and Equations	18. Evaluating Expressions
	2. Solving One-Step Equations	19. Quiz 3: Integers
	3. Solving Two-Step Equations	20. Alternate Quiz 3 - Form A: Integers*
	4. Solving Equations with Exponents	21. Alternate Quiz 3 - Form B: Integers*
	5. Quiz 1: Equations with Real Numbers	22. Graphing
	6. Alternate Quiz 1 - Form A: Equations with Real Numbers*	23. One-Step Equations
	7. Alternate Quiz 1 - Form B: Equations with Real Numbers*	24. Two-Step Equations
	8. Relations and Functions	25. Problem Solving
	9. Functions	26. Performance Task
	10. Analyzing Graphs	27. Quiz 4: Modeling with Integers
	11. Performance Task	28. Alternate Quiz 4 - Form A: Modeling with Integers*
	12. Quiz 2: Functions	29. Alternate Quiz 4 - Form B: Modeling with Integers*
	13. Alternate Quiz 2 - Form A: Functions*	30. Special Project*
	14. Alternate Quiz 2 - Form B: Functions*	31. Review
	15. Addition of Integers	32. Test
	16. Subtraction of Integers	33. Alternate Test - Form A*
	17. Multiplying and Dividing Integers	34. Alternate Test - Form B*
		35. Glossary and Credits

Unit 3: Modeling Problems with Rational Numbers		
Assignments		
Mathematics 800	1. Prime Factorization and the GCF	17. One-Step Addition and Subtraction Equations
	2. Simplifying Fractions	18. One-Step Multiplication and Division Equations
	3. The LCM and the LCD	19. Two-Step Equations
	4. Quiz 1: Number Theory	20. One-Step Inequalities
	5. Alternate Quiz 1 - Form A: Number Theory*	21. Two-Step Inequalities
	6. Alternate Quiz 1 - Form B: Number Theory*	22. Performance Task
	7. Adding and Subtracting Like Fractions	23. Quiz 3: Solving Equations and Inequalities
	8. Adding and Subtracting Unlike Fractions	24. Alternate Quiz 3 - Form A: Solving Equations and Inequalities*
	9. Adding and Subtracting Decimal Numbers	25. Alternate Quiz 3 - Form B: Solving Equations and Inequalities*
	10. Multiplying and Dividing Fractions	26. Special Project*
	11. Multiplying and Dividing Decimal Numbers	27. Review
	12. Irrational Numbers	28. Test
	13. Performance Task	29. Alternate Test - Form A**
	14. Quiz 2: Solving Problems with Rational Numbers	30. Alternate Test - Form B
	15. Alternate Quiz 2 - Form A: Solving Problems with Rational Numbers*	31. Glossary and Credits
	16. Alternate Quiz 2 - Form B: Solving Problems with Rational Numbers*	

Unit 4: Proportional Reasoning		
Assignments		
Mathematics 800	1. Proportions	18. Indirect Measure
	2. Linear Applications	19. Models and Scales
	3. Direct Variation	20. Performance Task
	4. Quiz 1: Proportions	21. Quiz 3: Measurement/Similar Figures
	5. Alternate Quiz 1-Form A: Proportions*	22. Alternate Quiz 3-Form A: Measurement/Similar Figures*
	6. Alternate Quiz 1-Form B: Proportions*	23. Alternate Quiz 3-Form B: Measurement/Similar Figures*
	7. Fraction, Percent, and Decimal Equivalents	24. Project: Proportional Reasoning
	8. Solving Percent Problems	25. Alternate Project: Proportional Reasoning*
	9. Application of Ratios and Percents	26. Special Project*
	10. More Applications with Percents	27. Review
	11. Performance Task	28. Test
	12. Quiz 2: Percents	29. Alternate Test-Form A*
	13. Alternate Quiz 2-Form A: Percents*	30. Alternate Test-Form B*
	14. Alternate Quiz 2-Form B: Percents*	31. Glossary and Credits
	15. Unit Conversion within Customary Units	
	16. Unit Conversion within Metric Units	
	17. Corresponding Parts	

Unit 5: More with Functions		
Mathematics 800	Assignments	
	1. Rewriting Equations	23. Graphing Systems of Linear Equations
	2. Combine Like Terms	24. Solving Systems of Linear Equations using Substitution
	3. Solving Equations by Combining Like Terms	25. Solving Systems of Linear Equations using Addition
	4. Distributive Property	26. Applications of Linear Systems
	5. Solving Equations with Distributive Property	27. Quiz 3: System of Equations
	6. Solving Equations with Special Solutions	28. Alternate Quiz 3 - Form A: System of Equations*
	7. Literal Equations	29. Alternate Quiz 3 - Form B: System of Equations*
	8. Performance Task	30. Patterns and Arithmetic Sequences
	9. Quiz 1: Solving Equations	31. Geometric Sequences
	10. Alternate Quiz 1 - Form A: Solving Equations*	32. Exponential Sequences
	11. Alternate Quiz 1 - Form B: Solving Equations*	33. Recursive Sequences
	12. Slope	34. Quiz 4: Patterns
	13. Comparing Functions	35. Alternate Quiz 4 - Form A: Patterns*
	14. Using Intercepts	36. Alternate Quiz 4 - Form B: Patterns*
	15. Slope-Intercept Form	37. Special Project*
	16. More Slope-Intercept Form	38. Review
	17. Applications of Linear Functions	39. Test
	18. Non-Linear Functions	40. Alternate Test - Form A*
	19. Performance Task	41. Alternate Test - Form B*
	20. Quiz 2: Families of Functions	42. Glossary and Credits
	21. Alternate Quiz 2 - Form A: Families of Functions*	
	22. Alternate Quiz 2 - Form B: Families of Functions*	

Unit 6: Measurement		
Mathematics 800	Assignments	
	1. Classify and Measure Angles	13. Quiz 2: Polygons
	2. Perpendicular and Parallel Lines, Part 1	14. Alternate Quiz 2 - Form A: Polygons*
	3. Perpendicular and Parallel Lines, Part 2	15. Alternate Quiz 2 - Form B: Polygons*
	4. Circles	16. Pythagorean Theorem, Part 1
	5. Quiz 1: Angle Measures and Circles	17. Pythagorean Theorem, Part 2
	6. Alternate Quiz 1 - Form A: Angle Measures and Circles*	18. Performance Task
	7. Alternate Quiz 1 - Form B: Angle Measures and Circles*	19. Quiz 3: Indirect Measure
	8. Classifying Polygons	20. Alternate Quiz 3 - Form A: Indirect Measure*
	9. Interior and Exterior Measures of Polygons	21. Alternate Quiz 3 - Form B: Indirect Measure*
	10. Classifying Triangles and the Triangle Inequality Theorem	22. Special Project*
	11. Performance Task	23. Review
	12. The Quadrilateral Family	24. Test
		25. Alternate Test - Form A*
		26. Alternate Test - Form B*
		27. Glossary and Credits

Unit 7: Plane Geometry	
Assignments	
1. Perimeter and Circumference	17. Translations
2. Area of Parallelograms	18. Tessellations
3. Area of Triangles and Trapezoids	19. Rotations
4. Area of Circles	20. Dilations
5. Composite Figures	21. Angle Reflections, Translations, and Rotations
6. Effects of Dimensional Changes	22. Performance Task
7. Performance Task	23. Quiz 3: Other Transformations
8. Quiz 1: Perimeter and Area	24. Alternate Quiz 3 - Form A: Other Transformations*
9. Alternate Quiz 1 - Form A: Perimeter and Area*	25. Alternate Quiz 3 - Form B: Other Transformations*
10. Alternate Quiz 1 - Form B: Perimeter and Area*	26. Special Project*
11. Symmetry	27. Review
12. Distance and Midpoint	28. Test
13. Reflections	29. Alternate Test - Form A*
14. Quiz 2: Symmetry and Reflections	30. Alternate Test - Form B*
15. Alternate Quiz 2 - Form A: Symmetry and Reflections*	31. Glossary and Credits
16. Alternate Quiz 2 - Form B: Symmetry and Reflections*	

Unit 8: Measures of Solid Figures	
Assignments	
1. Solid Figures	16. Volume of Cones
2. Euler's Formula	17. Volume of Spheres
3. Surface Area of Rectangular Prisms	18. Changes to Volume
4. Surface Area of Triangular Prisms	19. Volume of Composite Figures
5. Performance Task	20. Performance Task
6. Surface Area of Cylinders	21. Quiz 2: Volume
7. Surface Area of Pyramids, Cones, and Spheres	22. Alternate Quiz 2 - Form A: Volume*
8. Surface Area of Composite Figures	23. Alternate Quiz 2 - Form B: Volume*
9. Quiz 1: Surface Area	24. Special Project*
10. Alternate Quiz 1 - Form A: Surface Area*	25. Review
11. Alternate Quiz 1 - Form B: Surface Area*	26. Test
12. Volume of Rectangular Prisms	27. Alternate Test - Form A*
13. Volume of Triangular Prisms	28. Alternate Test - Form B*
14. Volume of Square Pyramids	29. Glossary and Credits
15. Volume of Cylinders	

Unit 9: Data Analysis		
Mathematics 800	Assignments	
	1. Collecting Data	16. Appropriate Displays
	2. Measures of Central Tendency and Dispersion	17. Application of Data Analysis
	3. Bar Graphs	18. Performance Task
	4. Circle Graphs	19. Quiz 2: More Data Displays
	5. Line Graphs	20. Alternate Quiz 2 - Form A: More Data Displays*
	6. Frequency and Histograms	21. Alternate Quiz 2 - Form B: More Data Displays*
	7. Two-Way Frequency Tables	22. Financial Responsibility
	8. Performance Task	23. Calculating Interest
	9. Quiz 1: Collecting and Representing Data	24. Educational Funding
	10. Alternate Quiz 1 - Form A: Collecting and Representing Data*	25. Quiz 3: Personal Finances
	11. Alternate Quiz 1 - Form B: Collecting and Representing Data*	26. Special Project*
	12. Constructing Box-and-Whisker Plots	27. Review
	13. Interpreting Box-and-Whisker Plots	28. Test
	14. Scatter Plots	29. Alternate Test - Form A*
	15. Misleading Graphs	30. Alternate Test - Form B*
		31. Glossary and Credits
Unit 10: Probability		
Mathematics 800	Assignments	
	1. Tree Diagrams and the Counting Principle	13. Performance Task
	2. Permutations	14. Quiz 2: Probability
	3. Combinations	15. Alternate Quiz 2 - Form A: Probability*
	4. Mixed Review of Outcomes	16. Alternate Quiz 2 - Form B: Probability*
	5. Quiz 1: Outcomes	17. Simulate a Problem
	6. Alternate Quiz 1 - Form A: Outcomes*	18. Quest: All That's Fair In... *
	7. Alternate Quiz 1 - Form B: Outcomes*	19. Special Project*
	8. Probability and Odds	20. Review
	9. Experimental vs Theoretical Probability	21. Test
	10. Disjointed and Overlapping Events	22. Alternate Test - Form A*
	11. Independent and Dependent Events	23. Alternate Test - Form B*
	12. Performance Task	24. Glossary and Credits
Unit 11: Course Review and Exam		
Mathematics 800	Assignments	
	1. Review 1	6. Performance Task 1*
	2. Review 2	7. Performance Task 2*
	3. Final Exam	8. Performance Task 3*
	4. Final Exam - Form A*	9. Performance Task 4*
	5. Final Exam - Form B*	
Unit 12: End of Course		
Mathematics 800	Assignments	
	1. Exam*	3. Alternate Exam - Form B*
	2. Alternate Exam - Form A*	

## Algebra I Fundamentals

Algebra I Fundamentals is a full year, high school credit course that is intended for the student who has successfully mastered the core algebraic concepts covered in the prerequisite course, Pre-Algebra. Within the Algebra I course, the student will explore basic algebraic fundamentals such as evaluating, creating, solving and graphing linear, quadratic, and polynomial functions.

- **Foundations of Algebra:** Student will identify different real number properties, and how to use them to solve algebraic expressions.
- **Linear Equations:** Student will translate word problems into algebraic equations, and solve them using real number properties, converting between fractions, decimals, and percents.
- **Functions:** Student will understand the characteristics of functions, how to plot them, how to derive their equations, and determine what type of function a graph represents.
- **Inequalities:** Student will write, graph, and solve inequalities using real number properties.
- **Linear Systems:** Student will determine the solution of a pair of linear equations, using the addition method, substitution method and matrices.
- **Polynomials:** Student will add, subtract, multiply, and divide monomials and polynomials, as well as factor polynomials, using several different methods.
- **Exponential and Radical Functions:** Student will simplify powers of products, a power raised to a power, and quotients of powers, using the rule of exponents, and add, subtract, multiply, and divide radical expressions to solve equations.
- **Quadratics:** Student will identify, write, and graph various triangle, circle and quadratic equations and inequalities using the Pythagorean theorem, and by factoring, completing the square, and using the square root method.
- **Rational Expressions:** Student will add and subtract fractions with like and unlike denominators, solve proportions, equations and inequalities containing rational expressions, and solve different word problems using rational equations.
- **Probability and Statistics:** Student will determine the central tendencies of a given data set, as well as evaluate probability of possible outcomes using multiple methods.

Unit 1: Foundations of Algebra		
Algebra I Fundamentals	Assignments	
	1. Course Overview	12. Quiz 2: The Real Numbers
	2. Variables and Expressions	13. Commutative and Associative Properties
	3. Exponents and Order of Operations	14. Distributive Property
	4. Evaluating Expressions	15. Simplifying Expressions
	5. Quiz 1: The Language of Algebra	16. Quiz 3: Properties of the Real Numbers
	6. Classifying and Comparing Numbers	17. Special Project*
	7. Decimal-Fraction Conversions	18. Review
	8. Fractions	19. Test
	9. Adding and Subtracting Signed Numbers	20. Alternate Test*
	10. Multiplying and Dividing Signed Numbers	21. Glossary and Credits
	11. Absolute Value	

Unit 2: Linear Equations		
Algebra I Fundamentals	Assignments	
	1. Open Sentences	13. More than Two Unknowns
	2. Addition Property of Equality	14. Using a Chart
	3. Multiplication Property of Equality	15. Quiz 3: Word Problems
	4. Two-Step Equations	16. Percent Problems
	5. Quiz 1: Solving Equations	17. Mixture and Interest Problems
	6. Variables on Both Sides	18. Quiz 4: Mixture and Investment Problems
	7. Combining Like Terms	19. Special Project*
	8. The Distributive Property	20. Review
	9. Literal Equations	21. Test
	10. Quiz 2: Multi-Step Equations	22. Alternate Test*
	11. Writing Equations from Word Problems	23. Glossary and Credits
	12. Two Unknowns	

Unit 3: Functions		
Algebra I Fundamentals	Assignments	
	1. The Coordinate Plane	13. Absolute Value Functions
	2. Identifying Functions	14. Quiz 3: Graphing Linear Functions
	3. Function Notation	15. Writing Linear Equations (1)
	4. Modeling Functions	16. Writing Linear Equations (2)
	5. Quiz 1: Function Basics	17. Writing Linear Equations (3)
	6. Writing a Function Rule	18. Quiz 4: Writing Linear Equations
	7. Arithmetic Sequences	19. Special Project*
	8. Direct Variation	20. Review
	9. Slope	21. Test
	10. Quiz 2: Patterns	22. Alternate Test*
	11. Linear Equations	23. Glossary and Credits
	12. Slope-Intercept Form	



Unit 4: Inequalities		
Algebra I Fundamentals	<b>Assignments</b>	
	1. Graphing	11. Absolute Value Solution Sets
	2. Addition Property of Inequality	12. Absolute Value Inequalities with One Variable
	3. Multiplication Property of Inequality	13. Absolute Value Inequalities with Two Variables
	4. Multi-Step Inequalities	14. Quiz 3: Absolute Value
	5. Problem Solving	15. Special Project*
	6. Quiz 1: Solving Inequalities	16. Review
	7. Compound Inequality Graphs	17. Test
	8. Solving Compound Inequalities	18. Alternate Test*
	9. Inequalities with Two Variables	19. Glossary and Credits
	10. Quiz 2: Compound Inequalities	
Unit 5: Linear Systems		
Algebra I Fundamentals	<b>Assignments</b>	
	1. Solution of a System	11. Money and Unit Pricing
	2. Graphing Systems of Equations	12. Using Formulas
	3. Systems of Inequalities	13. Quiz 3: Representing Problems Using a Linear System
	4. Quiz 1: Solving Linear Systems by Graphing	14. Special Project*
	5. Substitution Method	15. Review
	6. Addition Method	16. Test
	7. Matrices	17. Alternate Test*
	8. Fractional Coefficients	18. Glossary and Credits
	9. Quiz 2: Solving Linear Systems Algebraically	
	10. Using Two Variables	
Unit 6: Semester Review and Exam		
Algebra I Fundamentals	<b>Assignments</b>	
	1. Review	3. Alternate Exam – Form A*
	2. Exam	4. Alternate Exam – Form B*
Unit 7: Polynomials		
Algebra I Fundamentals	<b>Assignments</b>	
	1. Adding and Subtracting Polynomials	12. Factoring by Grouping
	2. Grouping Symbols	13. Factoring Trinomials (1)
	3. Quiz 1: Adding and Subtracting Polynomials	14. Factoring Trinomials (2)
	4. Multiplying by a Monomial	15. Special Cases
	5. Multiplying Polynomials	16. Complete Factorization
	6. F.O.I.L. and Special Cases	17. Quiz 3: Factoring Polynomials
	7. Dividing by a Monomial	18. Special Project*
	8. Long Division	19. Review
	9. Quiz 2: Multiplying and Dividing Polynomials	20. Test
	10. Greatest Common Factor	21. Alternate Test*
	11. Factoring Out the GCF	22. Glossary and Credits

Unit 8: Exponential and Radical Functions		
Algebra I Fundamentals	Assignments	
	1. Negative Exponents	11. Multiplying Radicals
	2. Exponential Expressions	12. Dividing Radicals
	3. Scientific Notation	13. Adding and Subtracting Radicals
	4. Quiz 1: Evaluating Exponential Expressions	14. Radical Equations
	5. Multiplication	15. Quiz 3: Radical Functions
	6. Raising to a Power	16. Special Project*
	7. Division	17. Review
	8. Geometric Sequences	18. Test
	9. Quiz 2: Properties of Exponents	19. Alternate Test*
	10. Simplifying Radicals	20. Glossary and Credits
	Unit 9: Quadratics	
	Assignments	
	1. Pythagorean Theorem	12. Applications of Quadratics
	2. Distance	13. Completing the Square
	3. Midpoint	14. Completing the Square
	4. Quiz 1: Formulas	15. Quadratic Formula (1)
	5. Quadratic Functions	16. Quadratic Formula (2)
	6. Transformations	17. Quiz 3: Solving Quadratic Equations
	7. Line of Symmetry	18. Special Project*
	8. Quadratic Inequalities	19. Review
	9. Quiz 2: Graphing Quadratic Functions	20. Test
	10. Solving by Factoring	21. Alternate Test*
	11. Square Root Method	22. Glossary and Credits
	Unit 10: Rational Expressions	
	Assignments	
	1. Simplifying Rational Expressions	10. Applications of Rational Equations
	2. Multiplying and Dividing Rational Expressions	11. More Problems
	3. Adding and Subtracting with Like Denominators	12. Quiz 2: Rational Equations and Inequalities
	4. Adding and Subtracting with Unlike Denominators	13. Special Project*
	5. Quiz 1: Operations with Rational Expressions	14. Review
	6. Proportions	15. Test
	7. Using the LCD	16. Alternate Test*
	8. Complex Fractions	17. Glossary and Credits
	9. Inequalities	
	Unit 11: Probability and Statistics	
	Assignments	
	1. Measures of Central Tendency	10. Probability
	2. Dispersion	11. Compound Events
	3. Interpreting Data	12. Project: Probability
	4. Project: Data Analysis	13. Quiz 3: Probability
	5. Quiz 1: Measures of Central Tendency	14. Special Project*
	6. Sampling and Outcomes	15. Review
	7. Permutations	16. Test
	8. Combinations	17. Alternate Test*
	9. Quiz 2: Outcomes	18. Glossary and Credits
	Unit 12: Semester Review and Exam	
	Assignments	
	1. Review	3. Alternate Exam – Form A*
	2. Exam	4. Alternate Exam – Form B*

Algebra I Fundamentals	Unit 13: Final Exam	
	Assignments	
	1. Exam 2. Alternate Exam – Form A*	3. Alternate Exam – Form B*

## Algebra I

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Unit 1: Foundations of Algebra		
Algebra I	Assignments	
	1. Course Overview	13. Commutative and Associative Properties
	2. Variables and Expressions	14. Distributive Property
	3. Exponents and Order of Operations	15. Simplifying Expressions
	4. Evaluating Expressions	16. Quiz 3: Properties of the Real Numbers
	5. Quiz 1: The Language of Algebra	17. Performance Task
	6. Classifying and Comparing Numbers	18. Alternate Performance Task*
	7. Decimal-Fraction Conversions	19. Special Project*
	8. Fractions	20. Review
	9. Adding and Subtracting Signed Numbers	21. Test
	10. Multiplying and Dividing Signed Numbers	22. Alternate Test*
	11. Absolute Value	23. Glossary and Credits
	12. Quiz 2: The Real Numbers	

Unit 2: Linear Equations		
Algebra I	Assignments	
	1. Open Sentences	14. Using a Chart
	2. Addition Property of Equality	15. Quiz 3: Word Problems
	3. Multiplication Property of Equality	16. Percent Problems
	4. Two-Step Equations	17. Mixture and Interest Problems
	5. Quiz 1: Solving Equations	18. Quiz 4: Mixture and Investment Problems
	6. Variables on Both Sides	19. Performance Task
	7. Combining Like Terms	20. Alternate Performance Task*
	8. The Distributive Property	21. Special Project*
	9. Literal Equations	22. Review
	10. Quiz 2: Multi-Step Equations	23. Test
	11. Writing Equations from Word Problems	24. Alternate Test*
	12. Two Unknowns	25. Glossary and Credits
	13. More than Two Unknowns	

Unit 3: Functions		
Algebra I	Assignments	
	1. The Coordinate Plane	16. Function Relationships
	2. Identifying Functions	17. Quiz 3: Graphing Linear Functions
	3. Function Notation	18. Writing Linear Equations (1)
	4. Modeling Functions	19. Writing Linear Equations (2)
	5. Quiz 1: Function Basics	20. Writing Linear Equations (3)
	6. Writing a Function Rule	21. Inverse Functions
	7. Arithmetic Sequences	22. Scatter Plots
	8. Direct Variation	23. Quiz 4: Writing Linear Equations
	9. Slope	24. Performance Task
	10. Quiz 2: Patterns	25. Alternate Performance Task*
	11. Linear Equations	26. Special Project*
	12. Slope-Intercept Form	27. Review
	13. Absolute Value Functions	28. Test
	14. Piecewise Defined Functions	29. Alternate Test*
	15. Graphs of Piecewise Functions	30. Glossary and Credits

Unit 4: Inequalities		
Algebra I	Assignments	
	1. Graphing	12. Absolute Value Inequalities with One Variable
	2. Addition Property of Inequality	13. Absolute Value Inequalities with Two Variables
	3. Multiplication Property of Inequality	14. Quiz 3: Absolute Value
	4. Multi-Step Inequalities	15. Performance Task
	5. Problem Solving	16. Alternate Performance Task*
	6. Quiz 1: Solving Inequalities	17. Special Project*

	7. Compound Inequality Graphs	18. Review
	8. Solving Compound Inequalities	19. Test
	9. Inequalities with Two Variables	20. Alternate Test*
	10. Quiz 2: Compound Inequalities	21. Glossary and Credits
	11. Absolute Value Solution Sets	

Unit 5: Linear Systems		
Algebra I	Assignments	
	1. Solution of a System	12. Money and Unit Pricing
	2. Graphing Systems of Equations	13. Using Formulas
	3. Systems of Inequalities	14. Quiz 3: Representing Problems Using a Linear System
	4. Applications of Inequalities	15. Performance Task
	5. Quiz 1: Solving Linear Systems by Graphing	16. Alternate Performance Task*
	6. Substitution Method	17. Special Project*
	7. Addition Method	18. Review
	8. Matrices	19. Test
	9. Fractional Coefficients	20. Alternate Test*
	10. Quiz 2: Solving Linear Systems Algebraically	21. Glossary and Credits
	11. Using Two Variables	

Unit 6: Semester Review and Exam		
Algebra I	Assignments	
	1. Review	3. Alternate Exam – Form A*
	2. Exam	4. Alternate Exam – Form B*

Unit 7: Polynomials		
Algebra I	Assignments	
	1. Adding and Subtracting Polynomials	13. Factoring Trinomials (1)
	2. Grouping Symbols	14. Factoring Trinomials (2)
	3. Quiz 1: Adding and Subtracting Polynomials	15. Special Cases
	4. Multiplying by a Monomial	16. Complete Factorization
	5. Multiplying Polynomials	17. Quiz 3: Factoring Polynomials
	6. F.O.I.L. and Special Cases	18. Performance Task
	7. Dividing by a Monomial	19. Alternate Performance Task*
	8. Long Division	20. Special Project*
	9. Quiz 2: Multiplying and Dividing Polynomials	21. Review
	10. Greatest Common Factor	22. Test
	11. Factoring Out the GCF	23. Alternate Test*
	12. Factoring by Grouping	24. Glossary and Credits



Algebra I	<b>Unit 11: Probability and Statistics</b>	
	<b>Assignments</b>	
	1. Measures of Central Tendency	13. Compound Events
	2. Dispersion	14. Two-Way Frequency Tables
	3. Interpreting Data	15. Project: Probability
	4. Statistical Relationships	16. Quiz 3: Probability
	5. Project: Plotting Residuals	17. Performance Task
	6. Project: Data Analysis	18. Alternate Performance Task*
	7. Quiz 1: Measures of Central Tendency	19. Special Project*
	8. Sampling and Outcomes	20. Review
	9. Permutations	21. Test
	10. Combinations	22. Alternate Test*
	11. Quiz 2: Outcomes	23. Glossary and Credits
	12. Probability	
	<b>Unit 12: Semester Review and Exam</b>	
	<b>Assignments</b>	
	1. Review	3. Alternate Exam – Form A*
	2. Exam	4. Alternate Exam – Form B*
	<b>Unit 13: Final Exam</b>	
	<b>Assignments</b>	
	1. Exam	4. Performance Task 1*
	2. Alternate Exam – Form A*	5. Performance Task 2*
	3. Alternate Exam – Form B*	
	<b>Unit 14: End of Course Exam</b>	
	<b>Assignments</b>	
	1. Exam*	3. Alternate Exam – Form B*
	2. Alternate Exam – Form A*	



## Geometry Fundamentals

Geometry Fundamentals is a full year, high school math course for the student who has successfully completed the prerequisite course, Algebra I. The course focuses on the skills and methods of linear, coordinate, and plane geometry. In it, students will gain solid experience with geometric calculations and coordinate plane graphing, methods of formal proof, and techniques of construction.

**By the end of the course, students will be expected to do the following:**

- Understand defined terms, axioms, postulates, and theories.
- Apply rules of formal logic and construct proofs in two-column format.
- Know how to solve for angles given parallels, perpendiculars, and transversals.
- Demonstrate how to solve for sides and angles of triangles, quadrilaterals, and polygons.
- Understand trigonometric ratios and know how to use them to solve for unknown sides and angles in given triangles as well as application word problems.
- Be able to determine arcs, chords, and sectors of circles.
- Calculate perimeter, area, and volume of figures and solids.
- Graph lines and determine slopes, midpoints, and distances.
- Interpret and construct the graphs and equations of quadratic functions.
- Make geometric constructions on paper.
- Represent results of motion geometry (translation, rotation, reflection, dilation).
- Calculate simple probabilities using addition, multiplication, permutations, combinations, and frequency tables.

Unit 1: Introduction	
Geometry Fundamentals	Assignments
	1. Course Overview
	2. Mathematic System: Set Theory Review
	3. Mathematic System: Operations with Sets
	4. Quiz 1: Set Theory
	5. Geometry Undefined Terms: Point
	6. Geometry Undefined Terms: Line
	7. Geometry Undefined Terms: Plane
	8. Quiz 2: Undefined Terms
	9. Defined Terms: Definitions
	10. Quiz 3: Defined Terms
	11. Geometric Postulates
	12. Review of Algebraic Postulates
	13. Geometric Theorems
	14. Review of Properties of Algebra
	15. Quiz 4: Postulates and Theorems
	16. Special Project*
	17. Test
	18. Alternate Test*
	19. Glossary and Credits
Unit 2: Logic	
Geometry Fundamentals	Assignments
	1. Logic
	2. Conjunctions
	3. Disjunctions
	4. Negation
	5. Conditional or Implication Statements
	6. Converse, Inverse, Contrapositive
	7. Quiz 1: Principles of Logic
	12. Proof Formats: Statement of the Theorem
	13. Proof Formats: The Figure
	14. Proof Formats: The Given Statement
	15. Proof Formats: To Prove Statement
	16. Proof Formats: The Plan of the Proof
	17. Indirect Proof Format: The Paragraph Proof
	18. Quiz 3: Proof Formats

8. Inductive Reasoning	19. Special Project*
9. Deductive Reasoning	20. Test
10. Using Deductive Reasoning	21. Alternate Test*
11. Quiz 2: Inductive and Deductive Reasoning	22. Glossary and Credits

### Unit 3: Angles and Parallels

#### Assignments

Geometry Fundamentals

- |   |   |
|---|---|
| 1. Angle Definitions                                  | 15. Quiz 3: Parallels and Transversals                |
| 2. Angle Measurement                                  | 16. Construction: Perpendiculars                      |
| 3. Quiz 1: Angles                                     | 17. Construction: Tangents to Circles                 |
| 4. Angle Relationship Definitions                     | 18. Construction: Parallels                           |
| 5. Angle Relationship Theorems (1)                    | 19. Classifying Triangles by Sides and Angles         |
| 6. Angle Relationship Theorems (2)                    | 20. Exterior and Remote Interior Angles of a Triangle |
| 7. Quiz 2: Angle Theorems                             | 21. Proofs Involving Triangles                        |
| 8. Construction: Copying Figures                      | 22. Other Polygons                                    |
| 9. Construction: Bisecting Figures                    | 23. Quiz 4: Triangles, Polygons, and Angle Properties |
| 10. Basic Properties of Parallels                     | 24. Special Project*                                  |
| 11. Transversals and Special Angles                   | 25. Test  |
| 12. More Proofs: Transversals and Special Angles      | 26. Alternate Test*                                   |
| 13. Continued Proofs: Transversals and Special Angles | 27. Glossary and Credits                              |
| 14. More Proofs for Postulates 9 and 10               |   |

### Unit 4: Congruent Triangles and Quadrilaterals

#### Assignments

Geometry Fundamentals

- |   |  |
|---|--|
| 1. Defining Congruent Triangles               | 16. Inequality Theorem in One Triangle Part 2    |
| 2. Proving Triangles Congruent (1)            | 17. Inequality Theorem in Two Triangles          |
| 3. Proving Triangles Congruent (2)            | 18. Quadrilateral Parallelograms Theorems Part 1 |
| 4. Proving Right Triangles Congruent          | 19. Quadrilateral Parallelograms Theorems Part 2 |
| 5. Quiz 1: Congruent Triangles                | 20. Quiz 3: Inequalities; Quadrilaterals         |
| 6. Independent Triangles (1)                  | 21. Triangles that Use Parallelograms in Proofs  |
| 7. Independent Triangles (2)                  | 22. Parallelograms: Rectangles                   |
| 8. Overlapping Triangles (1)                  | 23. Parallelograms: Rhombus                      |
| 9. Overlapping Triangles (2)                  | 24. Trapezoids-Definitions and Proofs            |
| 10. Isosceles Triangles (1)                   | 25. Quiz 4: Parallelograms; Trapezoids           |
| 11. Isosceles Triangles (2)                   | 26. Special Project*                             |
| 12. Construction of Triangles 30-60-90        | 27. Test   |
| 13. Construction of Triangles 45-45-90        | 28. Alternate Test*                              |
| 14. Quiz 2: Types of Triangles                | 29. Glossary and Credits                         |
| 15. Inequality Theorem in One Triangle Part 1 |  |

Unit 5: Similar Polygons		
Geometry Fundamentals	Assignments	
	1. Algebra and Ratios	15. Using Triangles: Rectangular Solids
	2. Algebra Properties and Proportions	16. Using Triangles: Regular Square Pyramid
	3. Properties of Proportions	17. Trigonometry-Sine Ratio
	4. Quiz 1: Ratios, Properties, and Proportions	18. Trigonometry-Cosine Ratio
	5. Meaning of Similarity	19. Trigonometry-Tangent Ratio
	6. Meaning of Similarity-Theorems	20. Using Similar Triangles in Indirect Measurement
	7. Meaning of Similarity-Proofs	21. Using Trigonometry in Indirect Measure
	8. Theorems-Similar Polygons	22. Quiz 3: Triangles and Trigonometry
	9. Theorems-Special Segments in Triangles	23. Project: Model and Scale Drawing
	10. Similar Right Triangles	24. Special Project*
	11. The Pythagorean Theorem	25. Test
	12. Theorem about 30-60-90 Right Triangles	26. Alternate Test*
	13. Theorem about 45-45-90 Right Triangles	27. Glossary and Credits
	14. Quiz 2: Similarity; Triangle Theorems	
Unit 6: Semester Review and Exam		
GF	Assignments	
	1. Review	3. Alternate Exam - Form A*
	2. Exam	4. Alternate Exam - Form B*
Unit 7: Circles		
Geometry Fundamentals	Assignments	
	1. Characteristics of Circles	11. Special Angles Type 2
	2. Characteristics of Spheres	12. Special Angles Type 3
	3. Quiz 1: Circles and Spheres	13. Special Segments
	4. Tangents	14. Quiz 3: Special Angles and Segments
	5. Arcs	15. Construction: Circles
	6. Chords	16. Special Project*
	7. Theorems (1)	17. Test
	8. Theorems (2)	18. Alternate Test*
	9. Quiz 2: Tangents, Arcs, and Chords	19. Glossary and Credits
	10. Special Angles Type 1	

Unit 8: Area and Volume		
Geometry Fundamentals	Assignments	
	1. Area Concepts of Polygons	15. Solids: Prisms
	2. Area of Rectangles	16. Solids: Pyramids
	3. Area of Parallelograms	17. Solids: Cylinders
	4. Area of Triangles and Rhombuses	18. Solids: Cones
	5. Area of Trapezoids	19. Solids: Spheres
	6. Area of Regular Polygons	20. Quiz 3: Volume of Solids
	7. Area Comparisons of Polygons	21. Construction: Dividing a Segment
	8. Quiz 1: Area of Polygons	22. Construction: 4th Proportion
	9. Construction: Polygons	23. Construction: The Geometric Mean
	10. Circles: Circumference and PI	24. Special Project*
	11. Circles: Area of Circles	25. Test
	12. Circles: Area of Sectors	26. Alternate Test*
	13. Circles: Area of Segments	27. Glossary and Credits
	14. Quiz 2: Area of Circles	
Unit 9: Coordinate Geometry		
Geometry Fundamentals	Assignments	
	1. Symmetry	11. Equations of Lines
	2. Ordered Pairs: Points in a Plane	12. Quiz 3: Slope and Lines
	3. Graphs of Algebraic Sentences	13. Figures in the Coordinate Plane
	4. Quiz 1: Symmetry, Ordered Pairs, and Graphs	14. Proofs with Coordinate Geometry (1)
	5. Distance Formula	15. Proofs with Coordinate Geometry (2)
	6. Equation of a Circle	16. Quiz 4: Figures and Proofs
	7. Midpoint Formula	17. Special Project*
	8. Quiz 2: Distance Formula and Applications	18. Test
	9. Slope	19. Alternate Test*
	10. Parallel and Perpendicular Lines	20. Glossary and Credits
Unit 10: Transformations		
Geometry Fundamentals	Assignments	
	1. Introduction: Rigid Motion, or Isometry	8. Inverse and Identity Transformation
	2. Isometry: Reflection	9. Quiz 2: Transformations
	3. Isometry: Translation	10. Special Project*
	4. Isometry: Rotation	11. Test
	5. Quiz 1: Isometry	12. Alternate Test*
	6. Dilation: Congruence and Similarity	13. Glossary and Credits
	7. Product Transformation	

Geometry Fundamentals	<b>Unit 11: Review</b>	
	<b>Assignments</b>	
	1. Geometry as a System	9. Area and Volume
	2. Geometry Proofs	10. Coordinate Geometry
	3. Angle Relationships and Parallels	11. Quiz 3: Review: Units 7,8,10
	4. Quiz 1: Review: Units 1-3	12. Special Project*
	5. Congruent Triangles and Quadrilaterals	13. Test
	6. Similar Polygons	14. Alternate Test*
	7. Circles	15. Glossary and Credits
	8. Quiz 2: Review: Units 4,5,7	
GF	<b>Unit 12: Semester Review and Exam</b>	
	<b>Assignments</b>	
	1. Review	3. Alternate Exam - Form A*
	2. Exam	4. Alternate Exam - Form B*
GF	<b>Unit 13: Final Exam</b>	
	<b>Assignments</b>	
	1. Final Exam	3. Alternate Exam - Form B*
	2. Alternate Exam - Form A*	

## Geometry

*Geometry* is a full-year, high school math course for the student who has successfully completed the prerequisite course, Algebra I. The course focuses on the skills and methods of linear, quadratic, coordinate, and plane geometry. In it, students will gain solid experience with geometric calculations and coordinate plane graphing, methods of formal proof, and techniques of construction.

- **Introduction:** Student will solve problems using set theory and operations, identify characteristics of postulates and relate geometric theorems on points, lines, and planes.
- **Logic:** Student will use inductive reasoning to draw reasonable conclusions, or deductive reasoning to prove basic theorems, and write conditional statements, converses, inverses and contrapositives.
- **Angles and Parallels:** Student will identify types of angles, categorize a shape as a polygon or non-polygon, identify different kinds of polygons, and find angle measures of polygons.
- **Congruent Triangles and Quadrilaterals:** Student will identify corresponding parts of congruent triangles, prove congruent parts using different theorems and postulates, and solve for angle measures of congruent polygons.
- **Similar Polygons:** Student will use facts about similarity to calculate side and angle measures in similar polygons, and use sine, cosine, and tangent values to solve for missing values in triangles.
- **Circles:** Student will identify different parts of a circle, and angles and arcs created by different lines interacting with circles, and calculate their measures.
- **Area and Volume:** Student will calculate the area, surface area, and volume of varying polygons by breaking them down into smaller and recognizable shapes.
- **Coordinate Geometry:** Student will graph linear equations and inequalities, use the distance and mid-point formulas to find lengths of segments and perimeters of geometric shapes, and find the equation of a line in various ways.
- **Transformations:** Student will understand rotations, reflections, dilations and translations in terms of angles, circles, perpendicular lines, and line segments, and find the result of combining multiple transformations.
- **Geometric Application:** Student will use the functions sine, cosine, and tangent, and the inverse trigonometric functions ( $\sin^{-1}$ ,  $\cos^{-1}$ , and  $\tan^{-1}$ ) to calculate unknown side lengths in right triangles, calculate densities, and use ratios to calculate unit scales.
- **Probability:** Student will determine the number of combinations, or permutations, in choosing elements from a set, explain the concept of conditional probability as found in everyday situations, and analyze decisions and strategies using probability concepts.

Unit 1: Introduction		
Geometry	Assignments	
	1. Course Overview	12. Review of Algebraic Postulates
	2. Mathematic System: Set Theory Review	13. Geometric Theorems
	3. Mathematic System: Operations with Sets	14. Review of Properties of Algebra
	4. Quiz 1: Set Theory	15. Quiz 4: Postulates and Theorems
	5. Geometry Undefined Terms: Point	16. Performance Task
	6. Geometry Undefined Terms: Line	17. Alternate Performance Task*
	7. Geometry Undefined Terms: Plane	18. Special Project*
	8. Quiz 2: Undefined Terms	19. Test
	9. Defined Terms: Definitions	20. Alternate Test*
	10. Quiz 3: Defined Terms	21. Glossary and Credits
	11. Geometric Postulates	
Unit 2: Logic		
Geometry	Assignments	
	1. Logic	13. Proof Formats: The Figure
	2. Conjunctions	14. Proof Formats: The Given Statement
	3. Disjunctions	15. Proof Formats: To Prove Statement
	4. Negation	16. Proof Formats: The Plan of the Proof
	5. Conditional or Implication Statements	17. Indirect Proof Format: The Paragraph Proof
	6. Converse, Inverse, Contrapositive	18. Quiz 3: Proof Formats
	7. Quiz 1: Principles of Logic	19. Performance Task
	8. Inductive Reasoning	20. Alternate Performance Task*
	9. Deductive Reasoning	21. Special Project*
	10. Using Deductive Reasoning	22. Test
	11. Quiz 2: Inductive and Deductive Reasoning	23. Alternate Test*
	12. Proof Formats: Statement of the Theorem	24. Glossary and Credits
Unit 3: Angles and Parallels		
Geometry	Assignments	
	1. Angle Definitions	13. Quiz 3: Parallels and Transversals
	2. Angle Measurement	14. Construction: Perpendiculars
	3. Quiz 1: Angles	15. Construction: Tangents to Circles
	4. Geometric Proof	16. Construction: Parallels
	5. Angle Relationship Definitions	17. Classifying Triangles by Sides and Angles
	6. Angle Relationship Theorems (1)	18. Exterior and Remote Interior Angles of a Triangle
	7. Angle Relationship Theorems (2)	19. Proofs Involving Triangles
	8. Quiz 2: Angle Theorems	20. Other Polygons
	9. Construction: Copying Figures	21. Quiz 4: Triangles, Polygons, and Angle Properties
	10. Construction: Bisecting Figures	22. Performance Task
	11. Basic Properties of Parallels	23. Alternate Performance Task*
	12. Transversals and Special Angles	24. Special Project*
	13. More Proofs: Transversals and Special Angles	25. Test
	14. Continued Proofs: Transversals and Special Angles	26. Alternate Test*
	15. More Proofs for Postulates 9 and 10	27. Glossary and Credits

Unit 4: Congruent Triangles and Quadrilaterals		
Geometry	Assignments	
	<ol style="list-style-type: none"> <li>1. Defining Congruent Triangles</li> <li>2. Proving Triangles Congruent (1)</li> <li>3. Proving Triangles Congruent (2)</li> <li>4. Proving Triangles Congruent (3)</li> <li>5. Proving Right Triangles Congruent</li> <li>6. Quiz 1: Congruent Triangles</li> <li>7. Independent Triangles (1)</li> <li>8. Independent Triangles (2)</li> <li>9. Overlapping Triangles (1)</li> <li>10. Overlapping Triangles (2)</li> <li>11. Isosceles Triangles (1)</li> <li>12. Isosceles Triangles (2)</li> <li>13. Construction of Triangles 30-60-90</li> <li>14. Construction of Triangles 45-45-90</li> <li>15. Constructing Inscribed Shapes</li> <li>16. Quiz 2: Types of Triangles</li> <li>17. Inequality Theorem in One Triangle Part 1</li> </ol>	<ol style="list-style-type: none"> <li>18. Inequality Theorem in One Triangle Part 2</li> <li>19. Inequality Theorem in Two Triangles</li> <li>20. Quadrilateral Parallelograms Theorems Part 1</li> <li>21. Quadrilateral Parallelograms Theorems Part 2</li> <li>22. Quiz 3: Inequalities; Quadrilaterals</li> <li>23. Triangles that Use Parallelograms in Proofs</li> <li>24. Parallelograms: Rectangles</li> <li>25. Parallelograms: Rhombus</li> <li>26. Trapezoids-Definitions and Proofs</li> <li>27. Quiz 4: Parallelograms; Trapezoids</li> <li>28. Performance Task</li> <li>29. Alternate Performance Task*</li> <li>30. Special Project*</li> <li>31. Test</li> <li>32. Alternate Test*</li> <li>33. Glossary and Credits</li> </ol>

  

Unit 5: Similar Polygons		
Geometry	Assignments	
	<ol style="list-style-type: none"> <li>1. Algebra and Ratios</li> <li>2. Algebra Properties and Proportions</li> <li>3. Properties of Proportions</li> <li>4. Quiz 1: Ratios, Properties, and Proportions</li> <li>5. Meaning of Similarity</li> <li>6. Meaning of Similarity-Theorems</li> <li>7. Meaning of Similarity-Proofs</li> <li>8. Theorems-Similar Polygons</li> <li>9. Theorems-Special Segments in Triangles</li> <li>10. Similar Right Triangles</li> <li>11. The Pythagorean Theorem</li> <li>12. Theorem about 30-60-90 Right Triangles</li> <li>13. Theorem about 45-45-90 Right Triangles</li> <li>14. Quiz 2: Similarity; Triangle Theorems</li> <li>15. Using Triangles: Rectangular Solids</li> </ol>	<ol style="list-style-type: none"> <li>13. Using Triangles: Regular Square Pyramid</li> <li>14. Trigonometry-Sine Ratio</li> <li>15. Trigonometry-Cosine Ratio</li> <li>16. Trigonometry-Tangent Ratio</li> <li>17. Using Similar Triangles in Indirect Measurement</li> <li>18. Using Trigonometry in Indirect Measure</li> <li>19. Quiz 3: Triangles and Trigonometry</li> <li>20. Project: Model and Scale Drawing</li> <li>21. Performance Task</li> <li>22. Alternate Performance Task*</li> <li>23. Special Project*</li> <li>24. Test</li> <li>25. Alternate Test*</li> <li>26. Glossary and Credits</li> <li>27.</li> </ol>

  

Unit 6: Semester Review and Exam		
Geometry	Assignments	
	<ol style="list-style-type: none"> <li>1. Review</li> <li>2. Exam</li> </ol>	<ol style="list-style-type: none"> <li>3. Alternate Exam - Form A*</li> <li>4. Alternate Exam - Form B*</li> </ol>



Unit 7: Circles		
Geometry	Assignments	
	1. Characteristics of Circles	12. Special Angles Type 3
	2. Characteristics of Spheres	13. Special Segments
	3. Quiz 1: Circles and Spheres	14. Quiz 3: Special Angles and Segments
	4. Tangents	15. Construction: Circles
	5. Arcs	16. Performance Task
	6. Chords	17. Alternate Performance Task*
	7. Theorems (1)	18. Special Project*
	8. Theorems (2)	19. Test
	9. Quiz 2: Tangents, Arcs, and Chords	20. Alternate Test*
	10. Special Angles Type 1	21. Glossary and Credits
	11. Special Angles Type 2	
Unit 8: Area and Volume		
Geometry	Assignments	
	1. Area Concepts of Polygons	17. Solids: Cylinders
	2. Area of Rectangles	18. Solids: Cones
	3. Area of Parallelograms	19. Solids: Spheres
	4. Area of Triangles and Rhombuses	20. Quiz 3: Volume of Solids
	5. Area of Trapezoids	21. Two- and Three-Dimensional Shapes
	6. Area of Regular Polygons	22. Project: Rotating a Two Dimensional Shape
	7. Area Comparisons of Polygons	23. Geometric Probability
	8. Quiz 1: Area of Polygons	24. Construction: Dividing a Segment
	9. Construction: Polygons	25. Construction: 4th Proportion
	10. Circles: Circumference and PI	26. Construction: The Geometric Mean
	11. Circles: Area of Circles	27. Performance Task
	12. Circles: Area of Sectors	28. Alternate Performance Task*
Geometry	13. Circles: Area of Segments	29. Special Project*
	14. Quiz 2: Area of Circles	30. Test
	15. Solids: Prisms	31. Alternate Test*
	16. Solids: Pyramids	32. Glossary and Credits
Unit 9: Coordinate Geometry		
Geometry	Assignments	
	1. Symmetry	13. Quiz 3: Slope and Lines
	2. Ordered Pairs: Points in a Plane	14. Figures in the Coordinate Plane
	3. Graphs of Algebraic Sentences	15. Proofs with Coordinate Geometry (1)
	4. Quiz 1: Symmetry, Ordered Pairs, and Graphs	16. Proofs with Coordinate Geometry (2)
	5. Distance Formula	17. Quiz 4: Figures and Proofs
	6. Perimeter and Area	18. Performance Task 2
	7. Equation of a Circle	19. Alternate Performance Task 2*
	8. Midpoint Formula	20. Special Project*
	9. Quiz 2: Distance Formula and Applications	21. Test
	10. Slope	22. Alternate Test*
	11. Parallel and Perpendicular Lines	23. Glossary and Credits
	12. Equations of Lines	

Unit 10: Transformations		
Geometry	Assignments	
	1. Introduction: Rigid Motion, or Isometry	9. Inverse and Identity Transformation
	2. Isometry: Reflection	10. Quiz 2: Transformations
	3. Isometry: Translation	11. Performance Task
	4. Isometry: Rotation	12. Alternate Performance Task*
	5. Quiz 1: Isometry	13. Special Project*
	6. Transformation Sequences	14. Test
	7. Similarity Transformation: Dilation	15. Alternate Test*
	8. Product Transformation	16. Glossary and Credits
Unit 11: Geometric Application		
Geometry	Assignments	
	1. Using SOH CAH TOA in Trigonometry	9. Modeling with Geometric Figures
	2. Finding the Values of Trigonometric Functions	10. Density
	3. Law of Sines	11. Geometry in Design
	4. Quiz 1: Sines	12. Quiz 3: Modeling Geometry
	5. Ambiguity and Area of a Triangle	13. Special Project*
	6. Law of Cosines: Finding a Side	14. Test
	7. Law of Cosines: Finding an Angle	15. Alternate Test*
	8. Quiz 2: Cosines	16. Glossary and Credits
Unit 12: Probability		
Geometry	Assignments	
	1. Definitions, Sample Spaces, and Probability	10. Conditional Probability
	2. Addition of Probabilities	11. Conditional Probability in Real-World Situations
	3. Multiplication of Probabilities	12. Two-Way Frequency Tables
	4. Quiz 1: Using Probability	13. Using Probability in Decision Making
	5. Definitions	14. Quiz 3: Conditional Probability
	6. Permutations of N Things: Different	15. Special Project*
	7. Permutations of N things: Not All Different	16. Test
	8. Combinations	17. Alternate Test*
	9. Quiz 2: Probability	18. Glossary and Credits

Geometry	<b>Unit 13: Semester Review and Exam</b>	
	<b>Assignments</b>	
	1. Review 2. Exam	3. Alternate Exam - Form A* 4. Alternate Exam - Form B*
Geometry	<b>Unit 14: Final Exam</b>	
	<b>Assignments</b>	
	1. Final Exam 2. Alternate Exam - Form A* 3. Alternate Exam - Form B*	4. Performance Task 1 5. Performance Task 2
Geometry	<b>Unit 15: End of Course Exam</b>	
	<b>Assignments</b>	
	1. Exam 2. Alternate Exam - Form A*	3. Alternate Exam - Form B*

## Algebra II Fundamentals

Algebra II Fundamentals is a full-year, high school math course intended for the student who has successfully completed the prerequisite course Algebra I. This course focuses on algebraic techniques and methods in order to develop student understanding of advanced number theory, concepts involving linear, quadratic and polynomial functions, and pre-calculus theories. This course also integrates geometric concepts and skills throughout the units, as well as introducing students to basic trigonometric identities and problem solving.

By the end of the course, students will be expected to do the following:

- Understand set notation and the structure of mathematical systems.
- Know how to use functional notation and operations on functions.
- Simplify and solve algebraic fractions.
- Perform operations on polynomials, including factoring, long division, and synthetic division.
- Solve algebraic word problems involving mixtures, money, integers, and work.
- Evaluate and solve radical expressions and equations.
- Solve systems of equations with graphing, substitution, and matrices.
- Graph and solve quadratic equations, including conic sections.
- Graph and solve exponential and logarithmic equations.
- Calculate permutations, combinations, and complex probabilities.

Unit 1: Set, Structure, and Function		
Algebra II Fundamentals	Assignments	
	1. Course Overview	13. Algebraic Expressions: Exponents Part 2
	2. Properties of Sets	14. Algebraic Expressions: Multiplication and Division Part 1
	3. Operations of Sets	15. Algebraic Expressions: Multiplication and Division Part 2
	4. Quiz 1: Set Theory	16. Exponents of Exponential Expressions
	5. Structure: Axioms	17. Algebraic Expressions: Combining Terms
	6. Structure: Applications	18. Quiz 3: Algebraic Expressions
	7. Relations and Functions: Definitions	19. Special Project*
	8. Relations and Functions: Graphs	20. Test
	9. Relations and Functions: Function Notation	21. Alternate Test*
	10. Relations and Functions: Inverses	22. Glossary and Credits
	11. Quiz 2: Relations and Functions	
	12. Algebraic Expressions: Exponents Part 1	
Unit 2: Numbers, Sentences, and Problems		
Algebra II Fundamentals	Assignments	
	1. Number Order and Absolute Value	11. Compound Sentences
	2. Sums and Products	12. Quiz 2: Equalities and Inequalities
	3. Quiz 1: Numbers	13. Number Problems
	4. Solving Equations	14. Motion Problems
	5. Multiplication Property	15. Miscellaneous Problems
	6. Multi-step Equations	16. Quiz 3: Problems
	7. Equations with Parentheses	17. Special Project*
	8. Literal Expressions	18. Test
	9. Solving Inequalities	19. Alternate Test*
	10. Graphing Solution Sets for Inequalities	20. Glossary and Credits

Unit 3: Linear Equations and Inequalities		
Algebra II Fundamentals	Assignments	
	1. Line Graphs	12. Solutions by Addition
	2. Line Graphs by Two Points	13. Solutions by Substitution
	3. Slope of Lines Part 1	14. Application of Systems of Equations
	4. Slope of Lines Part 2	15. Quiz 2: Solutions for Systems
	5. Equations: Point Slope Part 1	16. Solving Inequalities
	6. Equations: Point Slope Part 2	17. Solving Two-order Inequalities
	7. Equations: Point Slope Part 3	18. Quiz 3: Solving Inequalities
	8. Equations: Slope-Intercept	19. Special Project*
	9. General Equation of a Line	20. Test
	10. Quiz 1: Lines	21. Alternate Test*
	11. Solutions for Systems of Equations	22. Glossary and Credits
Unit 4: Polynomials		
Algebra II Fundamentals	Assignments	
	1. Products and Factoring	12. Quiz 2: Polynomials
	2. Multiplying Polynomials by Polynomials	13. Direct Variation
	3. Using Special Products Part 1	14. Inverse Variation
	4. Using Special Products Part 2	15. Joint and Combined Variation
	5. Factoring Trinomials	16. Quiz 3: Working Variations
	6. Factoring Special Products Part 1	17. Project: Creating an Algorithm
	7. Factoring Special Products Part 2	18. Special Project*
	8. Quiz 1: Special Products	19. Test
	9. Addition and Subtraction Operations	20. Alternate Test*
	10. Division with Polynomials	21. Glossary and Credits
	11. Synthetic Division	
Unit 5: Algebraic Fractions		
Algebra II Fundamentals	Assignments	
	1. Multiplying and Dividing with Fractions	12. Proportions
	2. Reducing Rational Expressions	13. Quiz 3: Fractional Equations
	3. Multiplying Algebraic Fractions	14. Applications of Fractions
	4. Dividing Algebraic Fractions	15. Mixture Problems
	5. Quiz 1: Algebraic Fractions	16. Work Problems
	6. Adding and Subtracting Algebraic Fractions	17. Quiz 4: Problems with Fractions
	7. Addition and Subtraction	18. Special Project*
	8. Mixed Expressions and Complex Fractions	19. Test
	9. Quiz 2: Addition and Subtraction of Fractions	20. Alternate Test*
	10. Equations with Fractions	21. Glossary and Credits
	11. Fractional Equations	
Unit 6: Semester Review and Exam		
A II F	Assignments	
	1. Review	3. Alternate Exam - Form A*
	2. Exam	4. Alternate Exam - Form B*

Unit 7: Real Numbers		
Algebra II Fundamentals	Assignments	
	1. Real Numbers	11. Word Problems Involving Quadratic Equations
	2. Law of Radicals	12. Sum and Product of Roots
	3. Conjugates	13. The Discriminant
	4. Radical Equations	14. Imaginary Numbers
	5. Quiz 1: Real Numbers	15. Quiz 3: Quadratic Formula
	6. Quadratic Equations	16. Special Project*
	7. Factoring Quadratic Equations	17. Test
	8. Completing the Square	18. Alternate Test*
	9. Quiz 2: Quadratic Solutions	19. Glossary and Credits
	10. Quadratic Formula	
Unit 8: Quadratic Relations and Systems		
Algebra II Fundamentals	Assignment Titles	
	1. Distance Formula	12. Systems of Equations
	2. Circle	13. Solutions of Inequalities
	3. Ellipse	14. Applications of Conic Sections: Part 1
	4. Ellipse Continued	15. Applications of Conic Sections: Part 2
	5. Quiz 1: Conics and the Coordinate Plane	16. Applications of Conic Sections: Part 3
	6. Conic Sections: Parabola	17. Constant of Proportionality
	7. Conic Sections: Parabola Continued	18. Quiz 3: Applications of Conics
	8. Conic Sections: Hyperbola	19. Special Project*
	9. Conic Sections: Hyperbola Continued	20. Test
	10. Identifying Conic Sections	21. Alternate Test*
	11. Quiz 2: Conics	22. Glossary and Credits
Unit 9: Exponential Functions		
Algebra II Fundamentals	Assignment Titles	
	1. Exponential Functions	13. Graphs of Logarithmic Functions
	2. Fractional Exponents	14. Solving Logarithmic Equations
	3. Exponential Equations	15. Logarithmic Applications
	4. Graphing Exponential Functions	16. Quiz 2: Logarithmic Functions
	5. Exponential Applications	17. Matrices
	6. Quiz 1: Exponential Functions	18. System Solutions with Matrices
	7. Logarithmic Functions	19. Addition and Multiplication of Matrices
	8. Evaluation of Logarithms	20. Quiz 3: Matrices
	9. Evaluating Exponential Functions, Common Logarithms, and Natural Logarithms	21. Special Project*
	10. General Properties of Logarithms	22. Test
	11. Scientific Notation	23. Alternate Test*
	12. Calculation of Common Logarithms	24. Glossary and Credits

Unit 10: Counting Principles		
Algebra II Fundamentals	Assignment Titles	
	1. Progressions: Sequences	11. Quiz 3: Combinations
	2. Progressions: Series	12. Probability: Concepts
	3. Quiz 1: Sequences and Series	13. Probability: Equally Likely Outcomes
	4. Permutations: Factorials	14. Probability: Multiplication Principle
	5. Permutation Formula	15. Conditional Probability
	6. Permutations: Applications	16. Quiz 4: Probability
	7. Quiz 2: Permutations	17. Special Project*
	8. Combination Formula	18. Test
	9. Combinations: Applications	19. Alternate Test*
	10. Combinations: Binomial Coefficients	20. Glossary and Credits
Unit 11: Review		
Algebra II Fundamentals	Assignment Titles	
	1. Integers	14. Real Numbers Continued
	2. Integers Continued	15. Quiz 2: Review
	3. Open Sentences	16. Quadratic Relations and Systems
	4. Open Sentences Continued	17. Quadratics Continued
	5. Graphs	18. Exponential Functions
	6. Graphs Continued	19. Exponential Functions Continued
	7. Quiz 1: Review	20. Counting Principles
	8. Polynomials	21. Counting Principles Continued
	9. Polynomials Continued	22. Quiz 3: Review
	10. Algebraic Fractions Part 1	23. Special Project*
A II F	11. Algebraic Fractions Part 2	24. Test
	12. Algebraic Fractions Part 3	25. Alternate Test*
	13. Real Numbers	26. Glossary and Credits
Unit 12: Semester Review and Exam		
A II F	Assignments	
	1. Review	3. Alternate Exam - Form A*
	2. Exam	4. Alternate Exam - Form B*
Unit 13: Final Exam		
A II F	Assignments	
	1. Exam	3. Alternate Exam - Form B*
	2. Alternate Exam - Form A*	

## Algebra II

*Algebra II* – is a full-year, high school math course intended for the student who has successfully completed the prerequisite course Algebra I. This course focuses on algebraic techniques and methods in order to develop student understanding of advanced number theory, concepts involving linear, quadratic and polynomial functions, and pre-calculus theories. This course also integrates geometric concepts and skills throughout the units, as well as introducing students to basic trigonometric identities and problem solving.

### Objectives

- Understand set notation and the structure of mathematical systems.
- Calculate and perform operations with real and imaginary numbers.
- Know how to use functional notation and operations on functions.
- Simplify and solve algebraic fractions.
- Perform operations on polynomials, including factoring, long division, and synthetic division.
- Solve algebraic word problems involving mixtures, money, integers, and work.
- Evaluate and solve radical expressions and equations.
- Solve systems of equations with graphing, substitution, and matrices.
- Graph and solve quadratic equations, including conic sections.
- Graph and solve exponential and logarithmic equations.
- Explore trigonometric identities and functions using the Unit Circle, graphs and modeling.
- Calculate permutations, combinations, and complex probabilities.
- Interpret sample surveys, normal distributions and observational studies.

Unit 1: Set, Structure, and Function	
Assignments	
1. Course Overview	15. Algebraic Expressions: Exponents Part 1
2. Properties of Sets	16. Algebraic Expressions: Exponents Part 2
3. Operations of Sets	17. Algebraic Expressions: Multiplication and Division Part 1
4. Quiz 1: Set Theory	18. Algebraic Expressions: Multiplication and Division Part 2
5. Structure: Axioms	19. Exponents of Exponential Expressions
6. Structure: Applications	20. Algebraic Expressions: Combining Terms
7. Relations and Functions: Definitions	21. Quiz 3: Algebraic Expressions
8. Relations and Functions: Graphs	22. Special Project*
9. Relations and Functions: Domain and Range	23. Test
10. Relations and Functions: Function Transformations	24. Alternate Test*
11. Relations and Functions: Function Notation	25. Glossary and Credits
12. Relations and Functions: Operations	
13. Relations and Functions: Inverses	
14. Quiz 2: Relations and Functions	



Unit 2: Numbers, Sentences, and Problems		
Algebra II	Assignments	
	1. Number Order and Absolute Value	12. Quiz 2: Equalities and Inequalities
	2. Sums and Products	13. Number Problems
	3. Quiz 1: Numbers, Sentences, and Problems	14. Motion Problems
	4. Solving Equations	15. Miscellaneous Problems
	5. Multiplication Property	16. Quiz 3: Problems
	6. Multi-step Equations	17. Performance Task
	7. Equations with Parentheses	18. Alternate Performance Task*
	8. Literal Expressions	19. Special Project*
	9. Solving Inequalities	20. Test
	10. Graphing Solution Sets for Inequalities	21. Alternate Test*
	11. Compound Sentences	22. Glossary and Credits
Unit 3: Linear Equations and Inequalities		
Algebra II	Assignments	
	1. Line Graphs	13. Solutions by Substitution
	2. Line Graphs by Two Points	14. Application of Systems of Equations
	3. Slope of Lines Part 1	15. Quiz 2: Solutions for Systems
	4. Slope of Lines Part 2	16. Solving Inequalities
	5. Equations: Point Slope Part 1	17. Solving Two-order Inequalities
	6. Equations: Point Slope Part 2	18. Quiz 3: Solving Inequalities
	7. Equations: Point Slope Part 3	19. Performance Task
	8. Equations: Slope-Intercept	20. Alternate Performance Task*
	9. General Equation of a Line	21. Special Project*
	10. Quiz 1: Lines	22. Test
	11. Solutions for Systems of Equations	23. Alternate Test*
	12. Solutions by Addition	24. Glossary and Credits
Unit 4: Polynomials		
Algebra II	Assignments	
	1. Products and Factoring	14. Quiz 2: Polynomials
	2. Multiplying Polynomials by Polynomials	15. Numerical Relationships from Identities
	3. Using Special Products Part 1	16. Direct Variation
	4. Using Special Products Part 2	17. Inverse Variation
	5. Factoring Trinomials	18. Joint and Combined Variation
	6. Factoring Special Products Part 1	19. Quiz 3: Working with Variations
	7. Factoring Special Products Part 2	20. Project: Creating an Algorithm
	8. Quiz 1: Special Products	21. Performance Task
	9. Addition and Subtraction Operations	22. Alternate Performance Task*
	10. Division with Polynomials	23. Special Project*
	11. Synthetic Division	24. Test
	12. The Remainder Theorem	25. Alternate Test*
	13. Graphing Polynomials	26. Glossary and Credits

Unit 5: Algebraic Fractions		
Algebra II	Assignments	
	1. Multiplying and Dividing with Fractions	14. Graphs of Rational Functions
	2. Reducing Rational Expressions	15. Graphs of Rational Functions (2)
	3. Multiplying Algebraic Fractions	16. Applications of Fractions
	4. Dividing Algebraic Fractions	17. Mixture Problems
	5. Quiz 1: Algebraic Fractions	18. Work Problems
	6. Adding and Subtracting Rational Expressions	19. Quiz 4: Problems with Fractions
	7. Addition and Subtraction	20. Performance Task
	8. Mixed Expressions and Complex Fractions	21. Alternate Performance Task*
	9. Quiz 2: Addition and Subtraction of Fractions	22. Special Project*
	10. Equations with Fractions	23. Test
	11. Fractional Equations	24. Alternate Test*
	12. Proportions	25. Glossary and Credits
	13. Quiz 3: Fractional Equations	

Unit 6: Semester Review and Exam		
Algebra II	Assignments	
	1. Review	3. Alternate Exam – Form A*
	2. Exam	4. Alternate Exam – Form B*

Unit 7: Real Numbers		
Algebra II	Assignments	
	1. Real Numbers	14. Sum and Product of Roots
	2. Law of Radicals	15. The Discriminant
	3. Conjugates	16. The Fundamental Theorem of Algebra
	4. Radical Equations	17. Imaginary Numbers
	5. Quiz 1: Real Numbers	18. Complex Solutions
	6. Standard Form of a Quadratic Function	19. Quiz 3: Quadratic Formula
	7. Quadratic Equations	20. Performance Task
	8. Factoring Quadratic Equations	21. Alternate Performance Task*
	9. Completing the Square	22. Special Project*
	10. Quiz 2: Quadratic Solutions	23. Test
	11. Quadratic Formula	24. Alternate Test*
	12. Graphs of Quadratic Functions	25. Glossary and Credits
	13. Word Problems Involving Quadratic Equations	

Unit 8: Quadratic Relations and Systems		
Algebra II	Assignments	
	1. Distance Formula	14. Solutions of Inequalities
	2. Circle	15. Applications of Conic Sections–Part 1
	3. Ellipse	16. Applications of Conic Sections–Part 2
	4. Ellipse Continued	17. Applications of Conic Sections–Part 3
	5. Quiz 1: Conics and the Coordinate Plane	18. Constant of Proportionality
	6. Conic Sections: Parabola	19. Quiz 3: Applications of Conics
	7. Conic Sections: Parabola Continued	20. Performance Task
	8. Conic Sections: Hyperbola	21. Alternate Performance Task *
	9. Conic Sections: Hyperbola Continued	22. Special Project*
	10. Identifying Conic Sections	23. Test
	11. Quiz 2: Conics	24. Alternate Test*
	12. Systems of Equations	25. Glossary and Credits

Unit 9: Functions		
Algebra II	Assignments	
	1. Absolute Value Functions	17. Graphs of Logarithmic Functions
	2. Exponential Functions	18. Solving Logarithmic Equations
	3. Fractional Exponents	19. Graphs of Natural Logarithms
	4. Radical Functions	20. Logarithmic Applications
	5. Graphs of Piece-Wise Defined Functions	21. Quiz 2: Logarithmic Functions
	6. Exponential Equations	22. Comparing Functions
	7. Graphing Exponential Functions	23. Inverse Functions
	8. Exponential Applications	24. Matrices
	9. Solving Equations by Graphing Functions	25. System Solutions with Matrices
	10. Quiz 1: Exponential Functions	26. Addition and Multiplication of Matrices
	11. Logarithmic Functions	27. Quiz 3: Matrices
	12. Evaluation of Logarithms	28. Performance Task
	13. Evaluating Exponential Functions, Common and Natural Logarithms	29. Alternate Performance Task*
	14. General Properties of Logarithms	30. Special Project*
	15. Scientific Notation	31. Test
	16. Calculation of Common Logarithms	32. Alternate Test*
		33. Glossary and Credits

Unit 10: Counting Principles		
Algebra II	Assignments	
	1. Progressions: Sequences	13. Probability: Concepts
	2. Arithmetic and Geometric Sequences	14. Probability: Equally Likely Outcomes
	3. Progressions: Series	15. Probability: Multiplication Principle
	4. Quiz 1: Sequences and Series	16. Conditional Probability
	5. Permutations: Factorials	17. Quiz 4: Probability
	6. Permutation Formula	18. Performance Task
	7. Permutations: Applications	19. Alternate Performance Task*
	8. Quiz 2: Permutations	20. Special Project*
	9. Combination Formula	21. Test
	10. Combinations: Applications	22. Alternate Test*
	11. Combinations: Binomial Coefficients	23. Glossary and Credits
	12. Quiz 3: Combinations	

Unit 11: Trigonometry		
Algebra II	Assignments	
	1. Trigonometry Basics	11. Quiz 3: Graphs
	2. The Unit Circle	12. Project: Regression Curve
	3. Reciprocal Functions	13. Performance Task
	4. Radian Measure	14. Alternate Performance Task*
	5. Quiz 1: Unit Circle	15. Special Project*

	6. Trigonometric Functions on the Unit Circle	16. Review
	7. Pythagorean Identity	17. Test
	8. Quiz 2: Trigonometric Functions	18. Alternate Test*
	9. Graphs and Amplitude	19. Glossary and Credits
	10. Graphs and Modeling	

Unit 12: Statistics		
Algebra II	Assignments	
	1. Sample Surveys	11. Appropriate Models
	2. Normal Distributions	12. Modeling Functions
	3. Simulations	13. Regression Models
	4. Experiments	14. Quiz 3: Math Models
	5. Quiz 1: Statistics	15. Special Project*
	6. Observational Studies	16. Review
	7. Probability and Decisions	17. Test
	8. Quiz 2: Statistical Probability	18. Alternate Test*
	9. Performance Task	19. Glossary and Credits
	10. Alternate Performance Task*	

Unit 13: Review		
Algebra II	Assignments	
	1. Integers	14. Real Numbers Continued
	2. Integers Continued	15. Quiz 2: Review
	3. Open Sentences	16. Quadratic Relations and Systems
	4. Open Sentences Continued	17. Quadratics Continued
	5. Graphs	18. Exponential Functions
	6. Graphs Continued	19. Exponential Functions Continued
	7. Quiz 1: Review	20. Counting Principles
	8. Polynomials	21. Counting Principles Continued
	9. Polynomials Continued	22. Quiz 3: Review
	10. Algebraic Fractions Part 1	23. Special Project*
	11. Algebraic Fractions Part 2	24. Test
	12. Algebraic Fractions Part 3	25. Alternate Test*
	13. Real Numbers	26. Glossary and Credits

Algebra II	<b>Unit 14: Semester Review and Exam</b>	
	<b>Assignments</b>	
	1. Review 2. Exam	3. Alternate Exam – Form A* 4. Alternate Exam – Form B*
Algebra II	<b>Unit 15: Final Exam</b>	
	<b>Assignments</b>	
	1. Exam 2. Alternate Exam – Form A* 3. Alternate Exam – Form B*	4. Performance Task 1* 5. Performance Task 2*
Algebra II	<b>Unit 16: End of Course Exam</b>	
	<b>Assignments</b>	
	1. Exam 2. Alternate Exam – Form A*	3. Alternate Exam – Form B*

## Pre-calculus

Pre-calculus is a full-year, high school credit course that is intended for the student who has successfully mastered the core algebraic and conceptual geometric concepts covered in the prerequisite courses: Algebra I, Geometry, and Algebra II. The course primarily focuses on the skills and methods of analytic geometry and trigonometry while investigating further relationships in functions, probability, number theory, limits, and the introduction of derivatives.

- **Relations and Functions:** Student will examine functions, inverses of functions and combine functions to verify inverses, as well as distinguish between linear and quadratic functions.
- **Functions:** Student will solve polynomials using the quadratic theorem, remainder theorem and factor theorem, identify graphs of different polynomial equations and inequalities, and understand complex numbers.
- **Trigonometric Functions:** Student will identify and solve for missing components of trigonometric functions, calculating trigonometric values for different angles and relate degrees to radians, and radians to degrees.
- **Circular Functions and their Graphs:** Student will use parametric equations with trigonometric operations to model and solve problems, and calculate amplitude, period, and phase shift for graphed trigonometric functions.
- **Identities and Functions of Multiple Angles:** Student will simplify trigonometric expressions utilizing trigonometric identities, and double and half-angle formulas, and combine the identities and angle formulas learned in this unit to prove trigonometric relationships.
- **Application of Trigonometric Functions:** Student will solve problems using trigonometric functions, and combine trigonometric functions and vectors to solve incline plane problems and navigation problems.
- **Inverse Trigonometric Functions and Polar Coordinates:** Student will solve for unknowns using inverse trigonometric functions, recognize their graphs, and convert equations from Cartesian to polar coordinates, and from polar to Cartesian coordinates.
- **Quadratic Equations:** Student will identify properties and equations of circles, ellipses, parabolas and hyperbolas, and calculate point rotations and apply them to equations.
- **Counting Principles:** Student will distinguish between mutually exclusive, independent and dependent events, and between combination and permutation, and use the explicit formula and the recursive formula to find the  $n$ th term as well as the general term of an arithmetic sequence, or geometric sequence.
- **Calculus:** Student will solve functions involving numbers and conditions, understand limit notation, and evaluate limits using the limit theorems, and find the slope of curves, and calculate the angle between two curves.

Unit 1: Relations and Functions		
Pre-calculus	Assignments	
	1. Course Overview 2. Ordered-Pair Numbers: Relations 3. Ordered-Pair Numbers: Functions 4. Ordered-Pair Numbers: Rules of Correspondence 5. Quiz 1: Relations and Functions 6. Algebra of Functions: Notation 7. Algebra of Functions: Arithmetic	8. Algebra of Functions: Composition 9. Algebra of Functions: Inverse 10. Quiz 2: Relations and Functions 11. Special Project* 12. Test 13. Alternate Test* 14. Glossary and Credits
Unit 2: Functions		
Pre-calculus	Assignments	
	1. Linear Functions: Graphs 2. Linear Functions: Equations 3. Quiz 1: Linear Functions 4. 2nd-Degree Functions: Solutions 5. Relationships Between Zeros and Coefficients 6. Quadratic Inequalities 7. Quiz 2: Second-Degree Functions 8. Polynomial Functions 9. Nth-Degree Equations 10. Solving Polynomial Equations 11. Quiz 3: Polynomial Functions 12. Complex Numbers 13. Operations with Complex Numbers	14. Conjugates and Polynomial Identities 15. Distance and Midpoint 16. Quiz 4: Complex Numbers 17. Rational Inequalities 18. Greatest Integer Function 19. Exponential Function 20. Logarithmic Function 21. Function Combinations 22. Quiz 5: Special Functions 23. Special Project* 24. Test 25. Alternate Test* 26. Glossary and Credits
Unit 3: Trigonometric Functions		
Pre-calculus	Assignments	
	1. Definition of the Trigonometric Functions 2. Quiz 1: Trigonometric Functions 3. Evaluation of Functions 4. Quiz 2: Evaluation of Functions 5. Angle Location 6. Quiz 3: Angle Location 7. Reduction Formulas 8. Quiz 4: Reduction Formulas 9. Quadrantal Angles	10. Quiz 5: Quadrantal Angles 11. Special Angles 12. Quiz 6: Special Angles 13. Radian Measure 14. Quiz 7: Radian Measure 15. Special Project* 16. Test 17. Alternate Test* 18. Glossary and Credits

Unit 4: Circular Functions and Their Graphs		
Pre-calculus	Assignments	
	1. Circular Functions	12. Amplitude of Circular Functions
	2. Quiz 1: Circular Functions	13. Quiz 6: Amplitude of Circular Functions
	3. Circular Functions of Special Angles	14. Period of Circular Functions
	4. Quiz 2: Circular Functions of Special Angles	15. Quiz 7: Period of Circular Functions
	5. Graphs of Sin and Cos	16. Phase Shift of Circular Functions
	6. Quiz 3: Graphs of Sin and Cos	17. Quiz 8: Phase Shift of Circular Functions
	7. Other Graphs	18. Special Project*
	8. Quiz 4: Other Graphs	19. Test
	9. Applications	20. Alternate Test*
	10. Parametric Equations	21. Glossary and Credits
	11. Quiz 5: Applications	
Unit 5: Identities and Functions of Multiple Angles		
Pre-calculus	Assignments	
	1. Reciprocal Relations	12. Quiz 6: Additional Sum and Difference Formulas
	2. Quiz 1: Reciprocal Relations	13. Double- and Half-Angle Formulas
	3. Pythagorean Relations	14. Quiz 7: Double- and Half-Angle Formulas
	4. Quiz 2: Pythagorean Relations	15. Identities
	5. Quotient Relations	16. Quiz 8: Identities
	6. Quiz 3: Quotient Relations	17. Trigonometric Equations
	7. Trigonometric Identities	18. Quiz 9: Trigonometric Equations
	8. Quiz 4: Trigonometric Identities	19. Special Project*
	9. Cosine of the Sum of Two Angles	20. Test
	10. Quiz 5: Cosine of the Sum of Two Angles	21. Alternate Test*
	11. Additional Sum and Difference Formulas	22. Glossary and Credits
Unit 6: Semester Review and Exam		
Pre-calculus	Assignments	
	1. Review	3. Alternate Exam—Form A*
	2. Exam	4. Alternate Exam—Form B*
Unit 7: Application of Trigonometric Functions		
Pre-calculus	Assignments	
	1. Trigonometric Functions of Any Angle	12. Applications of Vectors
	2. Quiz 1: Trigonometric Functions of Any Angle	13. More Applications
	3. More Trigonometric Functions of Any Angle	14. Quiz 5: More Applications
	4. Quiz 2: Trigonometric Functions	15. Inclined Plane Application
	5. Applied Problems	16. Navigation Application
	6. Law of Cosines	17. Quiz 6: Additional Application Problems
	7. Quiz 3: Law of Cosines	18. Special Project*
	8. Law of Sines	19. Test
	9. Quiz 4: Law of Sines	20. Alternate Test*
	10. Vectors	21. Glossary and Credits
	11. Operations with Vectors	



Unit 8: Inverse Trigonometric Functions and Polar Coordinates		
Pre-calculus	Assignments	
	1. The Inverse Sine Function	15. Converting Cartesian Equations to Polar Equations
	2. Quiz 1: The Inverse Sine Function	16. Quiz 8: Converting Cartesian Equations to Polar Equations
	3. The Inverse Cosine Function	17. Converting Polar Equations to Cartesian Equations
	4. Quiz 2: The Inverse Cosine Function	18. Quiz 9: Converting Polar Equations to Cartesian Equations
	5. The Inverse Tangent Function	19. Graphing Polar Equations
	6. Quiz 3: The Inverse Tangent Function	20. Quiz 10: Graphing Polar Equations
	7. Other Inverse Functions	21. Project: De Moivre's Theorem
	8. Quiz 4: Other Inverse Functions	22. Special Project*
	9. Graphs of Inverse Functions	23. Test
	10. Quiz 5: Graphs of Inverse Functions	24. Alternate Test*
	11. Graphing Polar Coordinates	25. Glossary and Credits
	12. Quiz 6: Graphing Polar Coordinates	
	13. Converting Coordinates	
	14. Quiz 7: Converting Coordinates	
Unit 9: Quadratic Equations		
Pre-calculus	Assignments	
	1. The Circle	13. The Parabola Applied
	2. The Circle Continued	14. The Hyperbola
	3. Equation from Three Points	15. Quiz 2: Quadratic Equations
	4. Equation from Three Points Applied	16. Translation
	5. The Ellipse	17. Translation of Equations
	6. The Ellipse: Standard Form	18. Rotation
	7. The Ellipse: General Form	19. Rotation of Equations
	8. The Ellipse Applied	20. Quiz 3: Quadratic Equations
	9. Quiz 1: Quadratic Equations	21. Special Project*
	10. The Parabola	22. Test
	11. The Parabola Continued	23. Alternate Test*
	12. The Parabola: Standard Form	24. Glossary and Credits
Unit 10: Counting Principles		
Pre-calculus	Assignments	
	1. Definitions, Sample Spaces, and Probability	11. Quiz 2: Probability
	2. Addition of Probabilities	12. Arithmetic and Geometric Sequences
	3. Multiplication of Probabilities	13. Summation
	4. Quiz 1: Probability	14. Arithmetic and Geometric Series
	5. Definitions	15. Quiz 3: Sequences and Series
	6. Permutation of N Things: Different	16. Proofs by Mathematical Induction
	7. Permutation of N Things: Not All Different	17. Special Project
	8. Circular Permutations	18. Test
	9. Combinations	19. Alternate Test
	10. Binomial Theorem	20. Glossary and Credits

Unit 11: Calculus and Review	
Pre-calculus	Assignments
	1. Functional Notation
	2. Difference Quotient
	3. Limits
	4. Quiz 1: Limits
	5. Slope of a Curve
	6. Slope of a Line
	7. Angle Between Curves
	8. Quiz 2: Slopes and Curves
	9. Review: Relations and Functions
	10. Review: Trigonometric and Circular Functions
	11. Review: Identities, Multiple Angle Functions
	12. Review: Inverse Trig Functions; Polar Coordinates; Quadratics
	13. Review: Probability and Calculus
	14. Quiz 3: Reviews
	15. Special Project
	16. Test
	17. Alternate Test
	18. Glossary and Credits

  

Unit 12: Semester Review and Exam	
Pre-calculus	Assignments
	1. Review
	2. Exam
	3. Alternate Exam—Form A*
	4. Alternate Exam—Form B*

  

Unit 13: Final Exam	
Pre-calculus	Assignments
	1. Exam
	2. Alternate Exam—Form A*
	3. Alternate Exam—Form B*

# Science

## Science 300

Science 300 is a basic elementary course intended to expose students to the designs and patterns in God's physical universe. This course provides a broad survey of the major areas of science. Some of the areas covered in Science 300 include the human body, plants, animals, health and nutrition, matter, sound waves, earth science, and heat energy.

The course seeks to develop the student's ability to understand and participate in scientific inquiry. The units contain experiments and projects designed to build on children's natural curiosity. The student will explore, observe, and manipulate everyday objects and materials in their environment. Collectively, this should help students develop a subject-matter knowledge base.

**Upon completion of the course, students should be able to do the following:**

- Demonstrate a basic understanding of the systems in a human body.
- Discuss the process a plant goes through in order to grow.
- Explain the difference between types of animals.
- Determine which eating and care habits are the most healthy for students.
- Distinguish between the three phases of matter and describe their properties.
- Explain how sound travels.
- Describe why time and seasons change.
- Discuss how rocks are formed and how they change.
- Explain how heat is produced.

Unit 1: You Grow and Change	
Assignments	
Science 300	1. Course Overview
	2. Your Body Breathes Air
	3. The Body Needs Oxygen
	4. Experiment: Breathing Patterns
	5. Experiment: Your Lungs*
	6. Quiz 1
	7. Your Body Digests Food
	8. Experiment: Taste Test
	9. Quiz 2
	10. Your Body Exercises and Rests
	11. Experiment: Taking Your Pulse
	12. Project: Bone Numbers*
	13. Quiz 3
	14. Your Body is Different from an Animal
	15. Quiz 4
	16. Special Project*
	17. Review Game
	18. Test
	19. Alternate Test*
	20. Reference

Unit 2: Plants		
Science 300	Assignments	
	1. Plant Parts	10. Experiment: Plant a Piece of Potato*
	2. Experiment: Root Hairs	11. Experiment: Bean Plant*
	3. Experiment: Study a Stem*	12. Quiz 3
	4. Quiz 1	13. Special Project*
	5. Plant Growth	14. Review Game
	6. Experiment: Grow Some Plants	15. Test
	7. Quiz 2	16. Alternate Test*
	8. Plant Changes	17. Reference
	9. Experiment: Watch Bean Seeds Grow	

Unit 3: Animals: Growth and Change		
Science 300	Assignments	
	1. Animals and The Environment	11. Quiz 2
	2. Experiment: Hourly Temperature Changes	12. How Animals Grow and Change
	3. Experiment: Heat Energy Comparison*	13. Project: Sow Bug Environment
	4. Project: Desert Locations*	14. Quiz 3
	5. Quiz 1	15. Special Project*
	6. How Animals are Different	16. Review Game
	7. Animal Structures	17. Test
	8. Project: Vertebrate Chart	18. Alternate Test*
	9. Eating and Breathing	19. Reference
	10. Project: Sort Birds By Type*	

Unit 4: You Are What You Eat		
Science 300	Assignments	
	1. How to Build a Healthy Body	10. How to Form Good Health Habits
	2. How to Build a Healthy Body-2	11. Caring for the Eyes and Body
	3. Quiz 1	12. Quiz 3
	4. How to Plan for Healthy Eating	13. Special Project*
	5. Project: Breakfast Chart	14. Review Game
	6. Project: Lunch Chart*	15. Test
	7. Project: Dinner Chart*	16. Alternate Test*
	8. Project: Chart Totals*	17. Reference
	9. Quiz 2	

Unit 5: Properties of Matter		
Science 300	Assignments	
	1. Chemistry and Robert Boyle	11. Experiment: Mass Measurement
	2. Experiment: Be a Chemist	12. Experiment: Melting Ice Cubes*
	3. Properties of Matter	13. Chemical Changes
	4. Experiment: Volume	14. Quiz 2
	5. Experiment: Think about Mass*	15. Special Project*
	6. Experiment: Is Air Matter?*	16. Review Game
	7. Project: Matter List*	17. Test
	8. Experiment: Is Water Matter?*	18. Alternate Test*
	9. Quiz 1	19. Reference
	10. Physical Changes	

Unit 6: Sounds and You		
Science 300	Assignments	
	1. What is Sound?	11. How Do You Hear Sounds?
	2. Experiment: Vibrations	12. Experiment: Think About Hearing
	3. Quiz 1	13. Report: How Animals Hear*
	4. How Does Sound Travel?	14. Quiz 3

Science 300	5. How Are Different Sounds Made?	15. Special Project*
	6. Experiment: Sound Patterns	16. Review Game
	7. Report: Read and Write About Sound	17. Test
	8. Experiment: High and Low Sounds	18. Alternate Test*
	9. Experiment: Loud or Soft?*	19. Reference
	10. Quiz 2	

### Unit 7: Time and Seasons

#### Assignments

Science 300	1. How the Earth Moves	9. Quiz 2
	2. Experiment: The Earth	10. Why Seasons Change
	3. Experiment: Night	11. Quiz 3
	4. Experiment: The Earth's Rotation*	12. Special Project*
	5. Quiz 1	13. Review Game
	6. Why Time Changes	14. Test
	7. Experiment: Different Times	15. Alternate Test*
	8. Report: Months*	16. Reference

### Unit 8: Rocks and Their Change

#### Assignments

Science 300	1. How Rocks are Formed: By Heat	10. Report: Mount Rushmore
	2. Rocks Formed by Volcanoes	11. Rocks are Used for Enjoyment
	3. How Rocks are Formed: By Pressure	12. Quiz 3
	4. Experiment: Bubbling Grains of Rock	13. Special Project*
	5. Quiz 1	14. Review Game
	6. Rocks are Changed by Wind and Water	15. Test
	7. Rocks are Changed by Heat and Plants	16. Alternate Test*
	8. Quiz 2	17. Reference
	9. Rocks are Used for Building	

### Unit 9: Heat Energy

#### Assignments

Science 300	1. Heat Energy (Part 1)	10. Experiment: Changing Liquid to Gas
	2. Experiment: Feeling Friction	11. Quiz 2
	3. Experiment: Oxygen and Fire	12. Heat Energy Affects Our Lives
	4. Heat Energy (Part 2)	13. Quiz 3
	5. Experiment: Static Electricity*	14. Special Project*
	6. Quiz 1	15. Review Game
	7. What Heat Energy Is and Does	16. Test
	8. Experiment: Water Molecules	17. Alternate Test*
	9. Movement of Heat Energy	18. Reference

### Unit 10: Review

#### Assignments

Science 300	1. Physical Change: Change in Man	10. Experiment: How Sound Travels
	2. Physical Change: Change in Plants	11. Experiment: Temperature Comparisons
	3. Physical Change: Change in Animals	12. Quiz 3
	4. Quiz 1	13. Special Project*
	5. The Earth	14. Review Game
	6. Seasons and Times	15. Test
	7. Project: Rock Collection	16. Alternate Test*
	8. Quiz 2	17. Reference
	9. Sounds and Energy	

## Science 400

Science 400 is a basic elementary course intended to expose students to the designs and patterns in God's physical universe. This course builds on concepts taught in Science 300, providing a broad survey of the major areas of science. Some of the areas covered in Science 400 include the study of plants and animals, ecology, work and simple machines, electricity and magnetism, properties of water and matter, weather, solar system, and the different spheres of earth.

The course seeks to develop the student's ability to understand and participate in scientific inquiry. The units contain experiments and projects to capitalize on children's natural curiosity. The student will explore, observe, and manipulate everyday objects and materials in their environment. Collectively, this should help students develop and build on their subject-matter knowledge base.

**Upon completion of the course, students should be able to do the following:**

- Use their main senses for observation of the world around them.
- Describe different uses for plants.
- Discuss the differences among the ways that different animals act.
- Understand how people are responsible for preserving and conserving nature.
- Explain the different types of simple machines.
- Describe an electrical current and how it relates to magnetism.
- Demonstrate an understanding of the different properties of water.
- Observe weather and how it affects people.
- Describe our solar system.
- Discuss the three different spheres of the earth and how they interact.
- Explain the changes in seasons and time.

Unit 1: Plants	
Assignments	
Science 400	1. Course Overview
	2. Plant Life
	3. Plants Used As Food and Shelter
	4. Project: Things Made of Wood*
	5. Report: Read and Write*
	6. Plants Used For Enjoyment and Symbols
	7. Report: Flowers as State Symbols
	8. Report: Flower Paragraph*
	9. Quiz 1
	10. Parts of Plants
	11. How Plant Parts Function
	12. Experiment: Celery
	13. How Plant Parts Function (Part 2)
	14. How Plant Parts Function (Part 3)
	15. Quiz 2
	16. Special Project*
	17. Review Game
	18. Test
	19. Alternate Test*
	20. Reference

Unit 2: Animals		
Science 400	Assignments	
	1. How Animals are Structured	14. How Animals Act: Insects
	2. Whales	15. Report: Honeybee Habits
	3. Report: Types of Whales	16. Quiz 2
	4. Birds	17. Animal Instinct
	5. Reptiles and Fish	18. Man Protects Animals
	6. Report: Writing about Fish*	19. Project: Animal Scrapbook*
	7. Project: Observing Fish*	20. Quiz 3
	8. How Animals Eat and Digest Food	21. Special Project*
	9. How Animals Breathe	22. Review Game
	10. Quiz 1	23. Test
	11. How Animals Act: Mammals	24. Alternate Test*
	12. How Animals Act: Salmon	25. Reference
	13. How Animals Act: Birds	

Unit 3: Man and His Environment		
Science 400	Assignments	
	1. Ecology	17. Report: Forest Community*
	2. Project: Your Environment*	18. Quiz 2
	3. Resources	19. Misuse of the Environment
	4. Food Chains	20. Project: Ask an Expert*
	5. Ecosystem Populations	21. Report: Endangered Species*
	6. Project: Populations*	22. Resource Conservation
	7. Balance of Nature	23. Report: How to Save Energy*
	8. Project: Make a Pyramid*	24. Environmental Preservation
	9. Report: Rabbits in Australia*	25. Report: Special Treasures*
	10. Quiz 1	26. Quiz 3
	11. Water Communities	27. Special Project*
	12. Experiment: Still Water Life*	28. Review Game
	13. Land Communities	29. Test
	14. Project: Human Communities	30. Alternate Test*
	15. Report: Read and Write*	31. Reference
	16. Project: Terrarium or Diorama*	

Unit 4: Machines		
Science 400	Assignments	
	1. Machines Are Needed: Work	13. Simple Machines: Wheel and Axle
	2. Report: Galileo*	14. Simple Machines: Pulleys
	3. Experiment: Gravity*	15. Experiment: Pulleys*
	4. Machines Are Needed: Energy	16. Quiz 2
	5. Quiz 1	17. Compound Machines
	6. Simple Machines: Lever	18. Quiz 3
	7. Experiment: Hammer and Nail	19. Special Project*
	8. Experiment: Seesaw*	20. Review Game
	9. Simple Machines: Inclined Plane	21. Test
	10. Experiment: Inclined Plane*	22. Alternate Test*
	11. Simple Machines: Wedge and Screw	23. Reference
	12. Experiment: Screw and Nail*	

Unit 5: Electricity and Magnetism		
Science 400	Assignments	
	1. Electricity	13. Experiment: Make a Magnet
	2. Report: Thomas Edison	14. Experiment: Magnet Poles*
	3. Experiment: Static Electricity	15. Experiment: Testing a Magnet*
	4. Currents and Circuits	16. Experiment: Generate Electricity*
	5. Project: Conductors	17. Experiment: Electromagnet*

6.	Experiment: Wet Cell*	18.	Report: Explorers*
7.	Project: Electric Objects*	19.	Quiz 2
8.	Electrical Use and Safety	20.	Special Project*
9.	Project: Fuses in Use	21.	Review Game
10.	Quiz 1	22.	Test
11.	Magnetism	23.	Alternate Test*
12.	Experiment: Use a Magnet	24.	Reference

Unit 6: Water and Matter				
Assignments				
Science 400	1.	Water	11.	Matter
	2.	Experiment: Ice	12.	Molecules and Atoms
	3.	Experiment: Ice Volume*	13.	Experiment: Molecules*
	4.	Water as a Liquid	14.	Elements
	5.	Experiment: Potato*	15.	Quiz 2
	6.	Water as a Gas	16.	Special Project*
	7.	Experiment: Forming Dew*	17.	Review Game
	8.	Water as a Solvent	18.	Test
	9.	Experiment: Solubility	19.	Alternate Test*
	10.	Quiz 1	20.	Reference

Unit 7: Weather				
Assignments				
Science 400	1.	The Atmosphere	11.	Quiz 2
	2.	Experiment: Air and Space*	12.	Prediction of Weather
	3.	Temperature	13.	Project: Thermometers*
	4.	Experiment: Temperature	14.	Quiz 3
	5.	Air Pressure	15.	Special Project*
	6.	Experiment: Pressure	16.	Review Game
	7.	Quiz 1	17.	Test
	8.	Forces of Weather	18.	Alternate Test*
	9.	Sand and Dust Storms	19.	Reference
	10.	Report: Hurricanes*		



Unit 8: Our Solar System and the Universe		
Science 400	Assignments	
	1. A Trip Through Space	12. Experiment: Moon Phases
	2. Our Big Universe	13. Quiz 2
	3. Report: Astronomy Instruments	14. The Stars and Space
	4. Essay: Astronomy*	15. Essay: Astrology*
	5. Quiz 1	16. The Milky Way and Other Galaxies
	6. The Sun	17. Quiz 3
	7. Essay: Ancient People*	18. Special Project*
	8. Movements	19. Review Game
	9. Report: Isaac Newton*	20. Test
	10. Heavenly Bodies Around the Sun	21. Alternate Test*
	11. Our Moon	22. Reference
Science 400	Unit 9: The Planet Earth	
	Assignments	
	1. The Air (Atmosphere)	11. Experiment: Shadows
	2. Experiment: Condensation	12. Earth's Land Formations
	3. Gases in the Atmosphere	13. Earth's Rotation and Revolution
	4. Quiz 1	14. Quiz 3
	5. The Water (Hydrosphere)	15. Special Project*
	6. Essay: Psalm 147*	16. Review Game
	7. Salt Water	17. Test
	8. Experiment: Currents*	18. Alternate Test*
	9. Quiz 2	19. Reference
	10. The Land (Lithosphere)	
Science 400	Unit 10: Understanding God's Wonderful Creation	
	Assignments	
	1. Review: The Solar System	12. Quiz 3
	2. Review: The Earth	13. Review: Ecology
	3. Quiz 1	14. Review: Conservation
	4. Review: Matter	15. Report: Passenger Pigeon*
	5. Review: Water	16. Quiz 4
	6. Review: Weather	17. Special Project*
	7. Project: Weather Scrapbook*	18. Review Game
	8. Quiz 2	19. Test
	9. Review: Electricity and Magnetism	20. Alternate Test*
	10. Project: Thomas Alva Edison*	21. Reference
	11. Review: Machines	

## Science 500

Science 500 is a basic elementary course intended to expose students to the designs and patterns in God's physical universe. This course expands on the Science 300 and Science 400 courses, providing a broad survey of the major areas of science. Some of the areas covered in Science 500 include the study of cells, plants and animals, ecology, energy, geology, properties of matter, and the natural cycles of life.

The course seeks to develop the student's ability to understand and participate in scientific inquiry. The units contain experiments and projects to capitalize on the students' natural curiosity. The student will explore, observe, and manipulate everyday objects and materials in their environment. Students at this level should begin to understand interrelationships between organisms, recognize patterns in ecosystems, and become aware of the cellular dimensions of living systems. Collectively, this should help students develop and build on their subject-matter knowledge base.

**Upon completion of the course, students should be able to do the following:**

- Use their main senses for observation of the world around them.
- Demonstrate an understanding of cells and their structure, both plant and animal.
- Differentiate between plants, animals, fungi, protozoa, and algae.
- Explain interactions between different life forms.
- Discuss different energy transformations.
- Describe geology and how it relates to the Flood.
- Demonstrate an understanding of fossil types and the formation of fossils.
- Understand natural cycles.

Unit 1: Cells	
Assignments	
Science 500	1. Course Overview
	2. The Basic Unit of Living Things: A Cell
	3. Viewing Cells
	4. Experiment: Skin Cells
	5. Quiz 1
	6. The Life and Activity of Cells
	7. Plants and Unicellular Organisms
	8. Experiment: Onion Cells
	9. Experiment: Pond Water Examination
	10. Experiment: Cheek Cells
	11. Experiment: Blood Cells
	12. Tissue
	13. Quiz 2
	14. Cells: Energy and Growth of Cells
	15. Cell Reproduction
	16. Quiz 3
	17. Special Project*
	18. Review Game
	19. Test
	20. Alternate Test*
	21. Reference

Unit 2: Plants: Life Cycles		
Science 500	Assignments	
	1. Classifying Living Things and Plants	14. Fern Plants
	2. Parts of Plants	15. Report: Walking Fern*
	3. Quiz 1	16. Fungi
	4. Seed Bearing Plants	17. Experiment: Mold
	5. Flowering Plants	18. Quiz 3
	6. Experiment: Flower Dissection	19. One-celled Living Things
	7. Fertilization	20. Quiz 4
	8. Experiment: Seed Dissection	21. Special Project*
	9. Cone-Bearing Plants	22. Review Game
	10. Project: Examining Cones	23. Test
	11. Project: Seed Hunt*	24. Alternate Test*
	12. Quiz 2	25. Reference
	13. Spore Bearing Plants and Fungi	
Unit 3: Animals: Life Cycles		
Science 500	Assignments	
	1. Invertebrates: Life Cycles	13. Egg-Laying Vertebrates (Part 3)
	2. One-celled Animal-like Protists	14. Experiment: Chicken Egg*
	3. Report: Protozoa*	15. Live-Bearing Vertebrates
	4. Egg-Laying Invertebrates	16. Report: Mammals*
	5. Experiment: Mealworm*	17. Essay: God and Animals*
	6. Report: The Spider*	18. Quiz 2
	7. Report: Insect Study*	19. Special Project*
	8. Worms and Mollusks	20. Review Game
	9. Quiz 1	21. Test
	10. Vertebrates: Life Cycles	22. Alternate Test*
	11. Egg-Laying Vertebrates	23. Reference
	12. Egg-Laying Vertebrates (Part 2)	
Unit 4: Balance in Nature		
Science 500	Assignments	
	1. Balance of Nature: Physical Environment	12. Project: Special Environments*
	2. Project: Cycles*	13. Quiz 2
	3. Ecosystems	14. Humans and the Web of Life
	4. Project: Terrarium Project	15. Humans and the Web of Life (Part 2)
	5. Quiz 1	16. Quiz 3
	6. The Prairie: Web of Life	17. Special Project*
	7. Project: Prairie Land*	18. Review Game
	8. The Prairie: Web of Life (Part 2)	19. Test
	9. Report: Prairie Birds*	20. Alternate Test*
	10. The Prairie: Food Chains	21. Reference
	11. Project: Prairie Food Chain*	

Unit 5: Transformation of Energy		
Science 500	Assignments	
	1. Energy	11. Energy in the Future
	2. Work	12. Future Sources of Energy
	3. Quiz 1	13. Experiment: Solar Energy for Heat
	4. Work From Energy	14. Quiz 3
	5. Experiment: Heat From the Sun*	15. Special Project*
	6. Forms of Energy	16. Review Game
	7. Experiment: Heat from Bending*	17. Test
	8. Experiment: Heat Energy from a Chemical Reaction*	18. Alternate Test*
	9. Chemical Energy	19. Reference
	10. Quiz 2	

Unit 6: Records in the Rock: the Flood		
Science 500	Assignments	
	1. Before the Flood: The Bible Record	9. After the Flood: The Bible Record
	2. Before the Flood: The Physical Record	10. After the Flood: The Physical Record
	3. Quiz 1	11. Quiz 3
	4. The Flood: The Bible Record	12. Special Project*
	5. Project: Interview with Noah*	13. Review Game
	6. The Flood: The Physical Record	14. Test
	7. Report: Ancient Flood Stories*	15. Alternate Test*
	8. Quiz 2	16. Reference

Unit 7: Records in the Rock: Fossils		
Science 500	Assignments	
	1. Fossil Formation	11. Project: Fossil Clues*
	2. Project: Mold Fossil Copy	12. Reading Fossils: Reconstruction
	3. Project: Cast Fossil Copy*	13. Project: Fill in the Skeleton*
	4. Fossil Formation Part 2	14. Project: Be Creative*
	5. Fossil Locations	15. Quiz 2
	6. Quiz 1	16. Special Project*
	7. Reading Fossils: Identification	17. Review Game
	8. Reading Fossils: Earth's Age	18. Test
	9. Project: Plant and Animal Fossils*	19. Alternate Test*
	10. Reading Fossils: Difficulties	20. Reference

Unit 8: Records In Rock: Geology		
Science 500	Assignments	
	1. Features of the Earth	11. Causes of Surface Change
	2. Project: Compare an Orange and the Earth	12. Earthquakes and Volcanoes
	3. Layers of the Earth	13. Project: Volcano Summary*
	4. Rocks on the Earth's Surface	14. Results of Forces
	5. Project: Examine a Mineral*	15. Quiz 2
	6. Kinds of Rocks	16. Special Project*
	7. Report: Rocks*	17. Review Game
	8. Project: Rock Hunt*	18. Test
	9. Quiz 1	19. Alternate Test*
	10. Changes in the Earth: Surface Change	20. Reference
	11. Experiment: Erosion*	
Unit 9: Cycles in Nature		
Science 500	Assignments	
	1. Properties of Matter	14. Comets
	2. Properties of Matter (Part 2)	15. Report: Famous Comets*
	3. Experiment: Volume	16. Life
	4. Changes in Matter	17. Experiment: Water Evaporation*
	5. Experiment: Water Container*	18. Quiz 2
	6. Experiment: Types of Changes*	19. God's Order
	7. Conservation of Matter	20. Quiz 3
	8. Experiment: Conservation of Matter*	21. Special Project*
	9. Structure of Matter	22. Review Game
	10. Quiz 1	23. Test
	11. The Four Seasons	24. Alternate Test*
	12. The Cause of Seasons	25. Reference
	13. Project: Globe*	
Unit 10: Look Ahead		
Science 500	Assignments	
	1. Living Things: Plants, Fungi, Protists, and Monerans	10. Energy and Work
	2. Living Things: Animals and Animal-Like Protists	11. Matter
	3. Living Things: Balance of Nature	12. Quiz 3
	4. Quiz 1	13. Special Project*
	5. The Earth: Records of Life	14. Review Game
	6. The Earth: Fossils	15. Test
	7. The Earth: Records in Rock	16. Alternate Test*
	8. Quiz 2	17. Reference
	9. Order in Creation	

## Science 600

Science 600 is a basic intermediate course intended to expose students to the designs and patterns in God's physical universe. This course expands on the Science 300-500 elementary courses, providing a broad survey of the major areas of science. Some of the areas covered in Science 600 include the study of plant and animal systems, plant and animal behavior, genetics, the structure of matter, light and sound, kinematics, planet Earth, the solar system, and astronomy.

The course seeks to develop the student's ability to understand and participate in scientific inquiry. The units contain experiments and projects to capitalize on children's natural curiosity. The student will explore, observe, and manipulate everyday objects and materials in their environment. Students at this level should begin to understand interrelationships between organisms, recognize patterns in ecosystems, and become aware of the cellular dimensions of living systems. Collectively, this should help students develop and build on their subject-matter knowledge base.

**Upon completion of the course, students should be able to do the following:**

- Use their main senses for observation of the world around them.
- Describe the different systems in plants and animals.
- Explain the different ways plants and animals behave.
- Explain how Mendel used observation to develop his theories.
- Demonstrate a basic knowledge of chemical structure and the periodic table.
- Discuss light and sound waves.
- Describe motion as it relates to force and work.
- Explain how time and season are related to the rotation and revolution of the earth.
- Identify common stars and constellations.

Unit 1: Plant Systems	
Assignments	
Science 600	1. Course Overview
	2. Photosynthesis: Location
	3. Experiment: Anacharis Photosynthesis
	4. Photosynthesis: The Leaf Factory
	5. Experiment: Seeds
	6. Photosynthesis: Products
	7. Experiment: Digestive Enzymes
	8. Photosynthesis: Raw Materials
	9. Investigation: Plant Growth
	10. Quiz 1
	11. Transport System: Roots
	12. Experiment: Root Observation
	13. Transport System: Stems and Leaves
	14. Experiment: Celery
	15. Quiz 2
	16. Regulatory System
	17. Experiment: Growing Roots*
	18. Quiz 3
	19. Special Project*
	20. Review Game
	21. Test
	22. Alternate Test*
	23. Reference

Unit 2: Body Systems		
Science 600	Assignments	
	1. Digestive System: Structure	13. Project: Lungs*
	2. Digestive System: Function	14. Experiment: Evaporation and Cooling
	3. Experiment: Digestion	15. Quiz 2
	4. Digestive System: Function (Part 2)	16. Muscular System
	5. Experiment: Oil and Soap	17. Skeletal System
	6. Experiment: Passing Food	18. Quiz: Bone Quiz*
	7. Quiz 1	19. Quiz 3
	8. Circulatory System	20. Special Project*
	9. Experiment: Pulse Rate	21. Review Game
	10. Project: Heart*	22. Test
	11. Excretory System	23. Alternate Test*
	12. Experiment: Carbon Dioxide	24. Reference
Unit 3: Plants and Animal Behavior		
Science 600	Assignments	
	1. The Nervous System	13. Terrestrial Biomes
	2. Report: The Eye	14. Aquatic Biomes
	3. Report: The Ear	15. Food Chains
	4. Nerves and Spinal Column	16. Nature: Cycles and Balance
	5. Response and Intelligence	17. Report: Man's Influence*
	6. Report: Instincts*	18. Quiz 3
	7. Experiment: Response*	19. Special Project*
	8. Experiment: Trial and Error*	20. Review Game
	9. Quiz 1	21. Test
	10. Plant Behavior	22. Alternate Test*
	11. Investigation: Tropisms	23. Reference
	12. Quiz 2	
Unit 4: Molecular Genetics		
Science 600	Assignments	
	1. Reproduction	13. Experiment: Albinos*
	2. Project: Flower Structure*	14. Report: Genetics*
	3. Male-Female Reproduction	15. Mutation
	4. Project: Lima Bean Embryo*	16. The Use of Mutations
	5. Quiz 1	17. Project: Pea Pod*
	6. Inheritance	18. Temperature Influence on Coloration
	7. Project: Mendel's Discovery*	19. Quiz 3
	8. Taste, Dominance, and Multiple Genes	20. Special Project*
	9. Experiment: Taste Gene Lab	21. Review Game
	10. Project: Traits*	22. Test
	11. Quiz 2	23. Alternate Test*
	12. DNA	24. Reference

Unit 5: Chemical Structure and Change		
Science 600	Assignments	
	1. Chemical Structure	16. Project: Chart and Diagram*
	2. Experiment: Solid, Liquid, Gas	17. Report: Chemical Discoveries*
	3. Chemical Elements and Atoms	18. Acids and Bases
	4. Molecules and Compounds	19. Experiment: Acid or Base?
	5. Experiment: Copper Iodide	20. Project: From Memory*
	6. Experiment: Calcium Carbonate	21. Project: Cause and Effect*
	7. Quiz 1	22. Project: Chemical Symbols*
	8. Periodic Table	23. Project: Discussion*
	9. Project: Water Molecule Model	24. Quiz 3
	10. Atomic Mass	25. Special Project*
	11. Project: Atomic Number*	26. Review Game
	12. Arrangement of the Periodic Table	27. Test
	13. Project: Use the Periodic Table	28. Alternate Test*
	14. Quiz 2	29. Reference
	15. Chemical Change	
Unit 6: Light and Sound		
Science 600	Assignments	
	1. Waves: Sound	13. Project: Color Wheel
	2. Experiment: Test Tube Tunes	14. Experiment: Subtractive Colors
	3. Project: Sound Vibrations	15. Experiment: Mixing Colored Lights*
	4. Light Waves	16. Mixing Colors
	5. Project: Light Waves	17. Experiment: Mixing Colorants*
	6. Project: Refracted Light	18. Quiz 3
	7. Quiz 1	19. Special Project*
	8. The Spectrum	20. Review Game
	9. Project: Color Spectrum	21. Test
	10. Project: Create a Rainbow*	22. Alternate Test*
	11. Quiz 2	23. Reference
	12. Colors	
Unit 7: Motion and Its Measurement		
Science 600	Assignments	
	1. Motion, Force, and Work	10. Experiment: The Law of Inertia
	2. Measurement of Work	11. Quiz 2
	3. Experiment: Forces of Lifting and Pulling	12. Change in Motion
	4. Project: Unscramble Activity*	13. Quiz 3
	5. Quiz 1	14. Special Project*
	6. Power and Newton's Laws of Motion	15. Review Game
	7. Report: Horsepower and Watts*	16. Test
	8. Experiment: Your Horsepower*	17. Alternate Test*
	9. Newton's Laws of Motion and Gravitation	18. Reference



Unit 8: Spaceship Earth		
Science 600	Assignments	
	1. Earth's Motion	11. Quiz 2
	2. Experiment: Balloon Globe*	12. The Solar System
	3. Earth's Rotation	13. Report: Planets*
	4. Time	14. Asteroids, Comets, and Meteoroids
	5. Experiment: Observing Shadows	15. Quiz 3
	6. Earth's Orbit	16. Special Project*
	7. Quiz 1	17. Review Game
	8. Eclipses	18. Test
	9. Project: Fact or Opinion*	19. Alternate Test*
	10. Experiment: Eclipses	20. Reference
Unit 9: Astronomy and the Stars		
Science 600	Assignments	
	1. Astronomy	12. Quiz 2
	2. Report: Great Astronomers*	13. Constellations and Major Stars
	3. Astronomy Today	14. Project: Betelgeuse and Aldebaran
	4. Quiz 1	15. Project: Constellations*
	5. Stars	16. Quiz 3
	6. Elements and Spectra	17. Special Project*
	7. Project: The Spectroscope*	18. Review Game
	8. Experiment: Spectrography*	19. Test
	9. Experiment: Oil on Water*	20. Alternate Test*
	10. Magnitude and Luminosity	21. Reference
	11. Light Years and Astronomical Units	
Unit 10: The Earth and the Universe		
Science 600	Assignments	
	1. The Photosynthesis System	14. Physics and Chemistry: Motion
	2. The Transport System of Plants	15. Physics and Chemistry: Machines
	3. The Digestive System	16. Quiz 2
	4. The Excretory System	17. Earth's Rotation
	5. Skeletal and Muscular Systems	18. Earth's Revolution
	6. The Nervous System	19. Our Solar System
	7. Genetics and Reproduction	20. Quiz 3
	8. Ecological Systems	21. Special Project*
	9. Report: Biomes*	22. Review Game
	10. Quiz 1	23. Test
	11. Physics and Chemistry: Matter	24. Alternate Test*
	12. Physics and Chemistry: Light	25. Reference
	13. Physics and Chemistry: Sound	

## General Science I

General Science I is a basic intermediate course intended to expose students to the designs and patterns in God's physical universe. This course expands on the Science 600 course, providing a set of basic scientific skills and a broad survey of the major areas of science. Some of the areas covered in General Science I include the scientific method, overview of the four major areas of science, mathematics in science, astronomy, the atmosphere, natural cycles, weather and climate, human anatomy and physiology, and careers in science.

The course seeks to develop the student's ability to be aware of and participate in scientific inquiry. The units contain experiments and projects to capitalize on the students' natural curiosity. The student will explore, observe, and manipulate everyday objects and materials in their environment. Students at this level should show understanding of interrelationships between organisms, recognize patterns in systems, and expand their knowledge of cellular dimensions of living systems. Collectively, this should help students develop and build on their subject-matter knowledge base.

- **What is Science:** Students will explore the tools and methods of a scientist, the four major areas of science, and look at several careers in science.
- **Perceiving Things:** Students will learn about the metric system, different types of measurement and methods of presenting data.
- **Earth in Space (Part 1):** Students will learn about the constellations and the history of astronomy.
- **Earth in Space (Part 2):** Students will learn the components of the solar system and their movements.
- **The Atmosphere:** Students will learn about the structure of the atmosphere, and the cycles occurring within it.
- **Weather:** Students will learn about the causes of weather, how it is measured and forecasted.
- **Climate:** Students will explore the types of climates around the world and the factors that affect climate.
- **The Human Anatomy (Part 1):** Students will explore the building blocks of the human body and several of its systems.
- **The Human Anatomy (Part 2):** Students will learn about other systems in the human body.
- **Working in Science:** Student will explore different types of scientists and the work they do.

Unit 1: What is Science?	
General Science I	Assignments
	1. Course Overview
	2. Tools of a Scientist 1
	3. Tools of a Scientist 2
	4. Quiz 1: Tools of a Scientist
	5. Methods of a Scientist 1
	6. Methods of a Scientist 2
	7. Quiz 2: Methods of a Scientist
	8. The Scientist
	9. The Four Major Areas of Science
	10. Quiz 3: Work of a Scientist
	11. Careers in Science
	12. Quiz 4: Careers in Science
	13. Special Project*
	14. Test
	15. Alternate Test*
	16. Reference

Unit 2: Perceiving Things	
General Science I	Assignments
	1. Measurement: The Metric System
	2. Measurement: Size and Distance
	3. Measurement: Area
	4. Measurement: Volume
	5. Measurement: Mass and Density
	6. Quiz 1: Measurement
	7. Graphs: Uses, Bar, and Line
	8. Graphs: Pictographs and Pie Charts
	9. Experiment: Making Graphs
	10. Quiz 2: Graphing Data
	11. Special Project*
	12. Test
	13. Alternate Test*
	14. Reference

Unit 3: Earth in Space (1)	
General Science I	Assignments
	1. Stargazing
	2. Star Charts
	3. Experiment: Constellations
	4. Quiz 1: Stargazing
	5. Astronomy
	6. Experiment: Astrolabe*
	7. Quiz 2: Astronomy
	8. Astronomers
	9. Essay: Galileo*
	10. Quiz 3: Astronomers
	11. Special Project*
	12. Test
	13. Alternate Test*
	14. Reference

Unit 4: Earth in Space (2)	
General Science I	Assignments
	1. The Sun's Energy
	2. Quiz 1: The Sun's Energy
	3. The Sun's Family
	4. Outer Planets
	5. Asteroids and Comets
	6. Quiz 2: The Sun's Family
	7. The Moon
	8. Quiz 3: The Moon
	9. Eclipses
	10. Quiz 4: Eclipses
	11. Special Project*
	12. Test
	13. Alternate Test*
	14. Reference

Unit 4: Earth in Space (2)		
General Science I	<b>Assignments</b>	
	1. The Sun's Energy	8. Quiz 3: The Moon
	2. Quiz 1: The Sun's Energy	9. Eclipses
	3. The Sun's Family	10. Quiz 4: Eclipses
	4. Outer Planets	11. Special Project*
	5. Asteroids and Comets	12. Test
	6. Quiz 2: The Sun's Family	13. Alternate Test*
	7. The Moon	14. Reference

Unit 5: The Atmosphere		
General Science I	<b>Assignments</b>	
	1. Structure of the Atmosphere	8. Pollution
	2. Solar Effects	9. Quiz 3: Pollution
	3. Experiment: The Greenhouse	10. Special Project*
	4. Quiz 1: Structure of the Atmosphere	11. Test
	5. Water Cycle	12. Alternate Test*
	6. Other Natural Cycles	13. Reference
	7. Quiz 2: Natural Cycles	

Unit 6: Weather		
General Science I	<b>Assignments</b>	
	1. Elements of Weather	8. Quiz 2: Weather in Motion
	2. Wind	9. Weather Forecasting
	3. Pressure	10. Quiz 3: Weather Forecasting
	4. Experiment: Dew Point	11. Special Project*
	5. Quiz 1: Elements of Weather	12. Test
	6. Weather in Motion	13. Alternate Test*
	7. Fronts	14. Reference

Unit 7: Climate		
General Science I	<b>Assignments</b>	
	1. Climate: General	7. Quiz 3: Regional Climate Types and Distribution of Climate Types
	2. Quiz 1: Climate: General	8. Special Project*
	3. Climate: Worldwide	9. Test
	4. Quiz 2: Climate: Worldwide	10. Alternate Test*
	5. Regional Climate Types	11. Reference
	6. Distribution of Climate Types in the World	

Unit 8: The Human Anatomy (Part 1)		
General Science I	<b>Assignments</b>	
	1. Human Building Blocks	8. Project: Human Brain*
	2. Experiment: Cheek Cell	9. Senses
	3. Quiz 1: Human Building Blocks	10. Quiz 3: Human Nervous System and Senses
	4. Human Framework	11. Special Project*
	5. Skin	12. Test
	6. Quiz 2: Human Framework	13. Alternate Test*
	7. Human Nervous System	14. Reference

Unit 9: The Human Anatomy (Part 2)		
General Science I	<b>Assignments</b>	
	1. The Respiratory System	8. The Excretory System
	2. Quiz 1: The Respiratory System	9. Quiz 4: The Excretory System
	3. The Circulatory System	10. The Endocrine System
	4. Experiment: Heart Rate	11. Quiz 5: The Endocrine System
	5. Quiz 2: The Circulatory System	12. Special Project*

	6. The Digestive System--Part 1	13. Test
	7. The Digestive System--Part 2	14. Alternate Test*
	8. Quiz 3: The Digestive System	16. Reference

Unit 10: Working in Science		
General Science I	Assignments	
	1. Scientists at Work	12. The Medical Scientist at Work
	2. Experiment: Red Celery	13. Nervous and Endocrine Systems
	3. Famous Scientists	14. Circulatory and Respiration Systems
	4. Quiz 1: Scientists at Work	15. Digestive and Excretory Systems
	5. The Astronomer at Work	16. Quiz 4: The Medical Scientist at Work and Body Systems
	6. Planets	17. Special Project*
	7. Quiz 2: The Astronomer at Work	18. Test
	8. The Meteorologist at Work	19. Alternate Test*
	9. Studying the Weather	20. Reference
	10. Studying Climates	
	11. Quiz 3: The Meteorologist at Work	

## General Science II

General Science II is a basic intermediate course intended to expose students to the designs and patterns in God's physical universe. This course expands on the Science 600 and General Science I courses, providing a set of basic scientific skills and a broad survey of the major areas of science. Some of the areas covered in General Science II include the history of science, structure and properties of matter, health and nutrition, types of energy, electricity and magnetism, work, energy, forces, simple machines, balance in nature, natural cycles and resources.

The course seeks to develop the student's ability to be aware of and participate in scientific inquiry. The units contain experiments and projects to capitalize on the students' natural curiosity. The student will explore, observe, and manipulate everyday objects and materials in their environment. Students at this level should show understanding of interrelationships between organisms and the environment, recognize patterns in systems, and expand their knowledge of cellular dimensions of living systems. Collectively, this should help students develop and build on their subject-matter knowledge base.

- **Science and Society:** Students will define science, describe its history, and use their main senses for observation of the world around them.
- **Structure of Matter (Part 1):** Students will describe elements and compounds in the terms of atoms and molecules.
- **Structure of Matter (Part 2):** Students will demonstrate a knowledge of the different changes in matter.
- **Health and Nutrition:** Students will learn how to develop good health habits.
- **Energy (Part 1):** Students will explain and give examples of the different types of energy.
- **Energy (Part 2):** Students will define magnetism and electricity and describe their relationship.
- **Machines (Part 1):** Students will define force and work, and evaluate the relationship that exists between work and energy.
- **Machines (Part 2):** Students will describe the different types of simple machines.
- **Balance in Nature:** Students will discuss the balance in nature regarding the different cycles.
- **Science and Technology:** Student will review the other units and explore careers in science and technology.

Unit 1: Science and Society	
Assignments	
1. Course Overview	9. Essay: Da Vinci*
2. Science Today	10. Limitations
3. Post-Renaissance Science	11. Quiz 3
4. Essay: Mendel	12. Special Project*
5. Quiz 1	13. Test
6. Today's Scientist	14. Alternate Test*
7. Quiz 2	15. Reference
8. Science and Technology	

Unit 2: Structure of Matter (Part 1)	
Assignments	
1. Properties of Matter (1)	10. Compounds
2. Experiment: Determining Volume	11. Mixtures
3. Experiment: Metric Measurements*	12. Experiment: Mixtures

	4. Properties of Matter (2)	13. Quiz 3
	5. Quiz 1	14. Special Project*
	6. Atoms and Molecules	15. Test
	7. Molecules	16. Alternate Test*
	8. Quiz 2	17. Reference
	9. Elements	

Unit 3: Structure of Matter (Part 2)		
General Science II	<b>Assignments</b>	
	1. Matter and Change	10. Bases
	2. Experiment: Phase Changes	11. Experiment: Cabbage
	3. Solutions	12. Quiz 3
	4. Chemical Changes	13. Salts
	5. Experiment: Forms of Change	14. Quiz 4
	6. Nuclear Changes	15. Special Project*
	7. Quiz 1	16. Test
	8. Acids	17. Alternate Test*
	9. Quiz 2	18. Reference

Unit 4: Health and Nutrition		
General Science II	<b>Assignments</b>	
	1. Foods and Digestion	8. Quiz 3
	2. Quiz 1	9. Hygiene
	3. Diet	10. Quiz 4
	4. Experiment: Food Record	11. Special Project*
	5. Quiz 2	12. Test
	6. Nutritional Diseases	13. Alternate Test*
	7. Essay: Nutrition	14. Reference

Unit 5: Energy (Part 1)		
General Science II	<b>Assignments</b>	
	1. Mechanical Energy	8. Energy Conversion and Entropy
	2. Potential Energy	9. Essay: Entropy*
	3. Quiz 1	10. Quiz 3
	4. Other Forms of Energy	11. Special Project*
	5. Chemical Energy	12. Test
	6. Atomic Energy	13. Alternate Test*
	7. Quiz 2	14. Reference

Unit 6: Energy (Part 2)	
General Science II	Assignments
	1. Magnetism
	2. Experiment: Magnetism
	3. Electricity and Magnetism
	4. Quiz 1
	5. Electricity
	6. Electrical Circuits
	7. Quiz 2
	8. Energy for the Future
	9. Experiment: Hot Dog Cooker*
	10. Quiz 3
	11. Special Project*
	12. Test
	13. Alternate Test*
	14. Reference

Unit 7: Machines (Part 1)	
General Science II	Assignments
	1. Distance
	2. Essay: Scientists
	3. Measuring Distance
	4. Quiz 1
	5. Force
	6. Force Vectors
	7. Quiz 2
	8. Work
	9. Work and Energy
	10. Quiz 3
	11. Special Project*
	12. Test
	13. Alternate Test*
	14. Reference

Unit 8: Machines (Part 2)	
General Science II	Assignments
	1. Friction
	2. Types of Friction
	3. Experiment: Friction Investigation
	4. Quiz 1
	5. Levers
	6. Quiz 2
	7. Wheel and Axle, Pulleys, and Gears
	8. Experiment: Pencil Sharpener
	9. Quiz 3
	10. Inclined Plane, Wedge, and Screw
	11. Quiz 4
	12. Special Project*
	13. Test
	14. Alternate Test*
	15. Reference

Unit 9: Balance in Nature	
General Science II	Assignments
	1. Photosynthesis and Food
	2. Food
	3. Quiz 1
	4. Natural Cycles
	5. The Water Cycle
	6. Quiz 2
	7. Balance and Disruption
	8. Resources
	9. Quiz 3
	10. Special Project*
	11. Test
	12. Alternate Test*
	13. Reference



Unit 10: Science and Technology		
General Science II	Assignments	
	1. Basic Science	10. Life Science
	2. Characteristics of Matter	11. Quiz 3
	3. Matter in Change	12. Vocations in Science and Technology
	4. Quiz 1	13. Quiz 4
	5. Energy	14. Special Project*
	6. Chemical and Atomic Energy	15. Test
	7. Magnetism and Electricity	16. Alternate Test*
	8. Machines at Work	17. Reference
	9. Quiz 2	

## Integrated Physics and Chemistry

Integrated Physics and Chemistry is a physical science course designed for high school students needing an entry-level science course covering basic concepts found in chemistry and physics. Topics included in this course are matter, motion and forces, work and energy, electricity and magnetism, and waves.

Throughout the course, students will have opportunities to observe simulations, investigate ideas, and solve problems, both online and away from the computer.

- **Explorations in Physical Science:** Students will employ the scientific method, measurements and calculations to conduct experiments.
- **The Structure of Matter:** Students will explore the structure of matter, including atomic structure, elements, compounds, and mixtures.
- **Matter and Change:** Students will explore the chemical changes that matter can go through.
- **States of Matter:** Students will explore the states of matter and the process that matter goes through for its state to change.
- **Motion and Forces:** Students will describe the motion of objects, Newton's laws that predict that motion, and how the motion is measured.
- **Work and Energy:** Students will explore various types of energy, simple machines, and the work that they can do.
- **Heat Flow:** Students will describe heat, heat flow, and the laws of thermodynamics, as well as explore uses of heat flow.
- **Electricity and Magnetism:** Students will explore the relationship between electricity and magnetism.
- **Waves:** Students will explore the properties and characteristics of waves.
- **Chemistry and Physics in Our World:** Students will discuss how chemistry and physics are at work in our daily lives, and explore basic astronomical principles.

Integrated Physics and Chemistry	Unit 1: Explorations in Physical Science	
	Assignments	
	1. Course Overview	10. Mass and Density
	2. What is Science?	11. Experiment: Determining Density*
	3. The Scientific Method	12. Experiment: Density Column
	4. Experiment: Making Observations	13. Quiz 2: Measuring Matter
	5. Quiz 1: Nature of Science	14. Special Project*
	6. The Metric System	15. Review
	7. Scales	16. Test
	8. Volume	17. Alternate Test*
	9. Experiment: Determining Volume	18. Glossary and Credits
Integrated Physics and Chemistry	Unit 2: The Structure of Matter	
	Assignments	
	1. The History of Atomic Theory	11. Mixtures
	2. Experiment: Atomic Structure	12. Separating Mixtures
	3. The Atomic Model	13. Experiment: Separating a Mixture
	4. Quiz 1: Atomic Structure	14. Quiz 3: Mixtures
	5. Elements and Their Properties	15. Special Project*

6. The Periodic Table	16. Review
7. Trends on the Periodic Table	17. Test
8. Experiment: Identifying an Unknown	18. Alternate Test*
9. Compounds	19. Glossary and Credits
10. Quiz 2: Pure Substances	

Unit 3: The Structure of Matter	
Integrated Physics and Chemistry	Assignments
	1. States of Matter
	2. Changes of State
	3. Experiment: Graphing Changes of State
	4. Solutions - The Dissolving Process
	5. Acids and Bases
	6. Experiment: The Cabbage Indicator
	7. Quiz 1: Physical Changes
	8. Chemical Bonding
	9. Atomic Structure and Bonding
	10. Experiment: Chemical Changes
	11. Chemical Reactions and Conservation of Mass
	12. Types of Chemical Reactions
	13. Quiz 2: Chemical Changes
	14. Radioactivity
	15. Nuclear Reactions
	16. Experiment: Half-Life
	17. Nuclear Energy
	18. Quiz 3: Nuclear Changes
	19. Special Project*
	20. Review
	21. Test
	22. Alternate Test*
	23. Glossary and Credits

Unit 4: States of Matter	
Integrated Physics and Chemistry	Assignments
	1. Properties of Solids
	2. Experiment: Comparing Hardness and Density of Solids
	3. Elasticity and Strength in Solids
	4. Electrical Conductivity in Solids
	5. Quiz 1: Solids
	6. Characteristics of Liquids
	7. Experiment: Viscosity
	8. Pressure in Liquids
	9. Archimedes' Principle and Flotation
	10. Liquids and Capillary Action
	11. Quiz 2: Liquids
	12. General Characteristics of Gases
	13. Pressure and Volume in Gases
	14. Experiment: Pressure in Gases
	15. Temperature and Volume Changes in Gases
	16. Quiz 3: Gases
	17. Special Project
	18. Review
	19. Test
	20. Alternate Test*
	21. Glossary and Credits

Integrated Physics and Chemistry	<b>Unit 5: Motion and Forces</b>	
	<b>Assignments</b>	
IPC	1. Distance and Displacement	11. Newton's Laws
	2. Speed and Velocity Acceleration	12. Project: Virtual Lab - Newton's Laws
Integrated Physics and Chemistry	3. Motion Graphs	13. Experiment: Propulsion
	4. Experiment: Motion Graphs	14. Centripetal Force
IPC	5. Momentum	15. Quiz 2: Forces
	6. Project: Virtual lab - Conservation of Momentum	16. Project: Virtual Lab - Circular Motion
Integrated Physics and Chemistry	7. Quiz 1: Motion	17. Special Project*
	8. Forces	18. Review
IPC	9. Friction	19. Test
	10. Distance and Displacement	20. Alternate Test*
Integrated Physics and Chemistry	<b>Unit 6: Semester Review and Exam</b>	
	<b>Assignments</b>	
IPC	1. Review	3. Alternate Exam - Form A*
	2. Exam	4. Alternate Exam - Form B*
Integrated Physics and Chemistry	<b>Unit 7: Work and Energy</b>	
	<b>Assignments</b>	
IPC	1. Forms of Energy	11. Inclined Planes, Wedges, and Screws
	2. Work	12. Project: Virtual Lab - Simple Machines
Integrated Physics and Chemistry	3. Mechanical Energy	13. Experiment: Inclined Planes
	4. Conservation of Energy	14. Quiz 2: Simple Machines
IPC	5. Experiment: Potential and Kinetic Energy	15. Project: Virtual Lab - Projectiles
	6. Power	16. Special Project*
Integrated Physics and Chemistry	7. Quiz 1: Work, Energy, and Power	17. Review
	8. Simple Machines; Levers	18. Test
IPC	9. Mechanical Advantage and Efficiency	19. Alternate Test*
	10. Pulleys; Wheels and Axles	20. Glossary and Credits
Integrated Physics and Chemistry	<b>Unit 8: Heat Flow</b>	
	<b>Assignments</b>	
IPC	1. Thermodynamics and Entropy	9. Heat Engines
	2. Specific Heat Capacity	10. Quiz 2: Heat Flow and Technology
Integrated Physics and Chemistry	3. Heat Flow	11. Special Project*
	4. Experiment: Insulators	12. Review
IPC	5. Quiz 1: Energy Transfer	13. Test
	6. Heating Systems	14. Alternate Test*
Integrated Physics and Chemistry	7. Experiment: Heat and Expansion	15. Glossary and Credits
	8. Cooling and Refrigeration	

Integrated Physics and Chemistry	Unit 9: Electricity and Magnetism	
	Assignments	
	1. Electric Charges	10. Magnetism and Electricity
	2. Static Electricity	11. Experiment: Diverting a Magnetic Field
	3. Experiment: Electrostatic Investigations	12. Magnetic Fields in Space
	4. Electric Current	13. Quiz 2: Magnetism
	5. Circuits	14. Special Project*
	6. Electrical Energy and Power	15. Review
	7. Project: Virtual Lab - Circuits	16. Test
	8. Quiz 1: Electricity	17. Alternate Test*
	9. Magnetism	18. Glossary and Credits

  

Integrated Physics and Chemistry	Unit 10: Waves	
	Assignments	
	1. Waves and Energy Transfer	14. Quiz 2: Sound
	2. Types of Waves	15. Light and the Electromagnetic Spectrum
	3. Properties of Waves	16. Properties of Light
	4. Experiment: Changing the Speed of a Wave	17. Reflection and Mirrors
	5. The Behavior of Waves	18. Experiment: Law of Reflection
	6. Quiz 1: Wave Characteristics and Properties	19. Lenses
	7. Sound Vibrations	20. Quiz 3: Light
	8. Detecting Sound	21. Project: Virtual Lab - Light
	9. Project: Virtual Lab - Sound	22. Special Project*
	10. Experiment: Using Vibrations to Produce Sound	23. Review
	11. Doppler Effect	24. Test
	12. Project: Virtual Lab - Doppler Effect	25. Alternate Test*
	13. Beats, Resonance, and Harmonics	26. Glossary and Credits

  

Integrated Physics and Chemistry	Unit 11: Chemistry and Physics in Our World	
	Assignments	
	1. Carbon Dioxide and Global Warming	9. Kepler and the Motion of the Spheres
	2. Experiment: Carbon Dioxide and Water Acidity	10. Experiment: Kepler's Second Law
	3. Fossil Fuels' Effect on the Environment	11. Quiz 2: Space Physics
	4. Media and Science	12. Special Project*
	5. Experiment: Water Acidity and the Environment	13. Review
	6. Quiz 1: Environmental Chemistry	14. Test
	7. Atomic Spectra and Moving Stars	15. Alternate Test*
	8. The Temperature of Stars	16. Glossary and Credits

  

IPC	Unit 12: Semester Review and Exam	
	Assignments	
	1. Review	3. Alternate Exam - Form A*
	2. Exam	4. Alternate Exam - Form B*

  

IPC	Unit 13: Final Exam	
	Assignments	
	1. Final Exam	3. Alternate Exam - Form B*
	2. Alternate Exam - Form A*	

## Biology

Biology is intended to expose students to the designs and patterns of living organisms that have been created by God. In preceding years, students should have developed a foundational understanding of life sciences. This biology course will expand upon that knowledge and incorporate more abstract knowledge. The student's understanding should encompass both the micro and macro aspects of life and this biology course includes both. The major concepts covered are taxonomy, the chemical basis of life, cellular structure and function, genetics, microbiology, botany, human anatomy and physiology, and ecological principles.

Students at this level should show development in their ability and understanding of scientific inquiry. The units contain experiments and projects that seek to develop a deeper conceptual meaning for the student and actively engage the student. The continued exposure of science concepts and scientific inquiry will serve to improve the student's skill and understanding.

Biology should be preceded or accompanied by an Algebra I course.

- **Taxonomy:** Key to Organization: Students will explore the history of taxonomy, and describe and differentiate between the Artificial and Natural Systems of Taxonomy.
- **Chemistry of Life:** Students will demonstrate a knowledge of molecular structure as it relates to organic compounds.
- **Cells:** Students will describe cells, their different parts, and the function of a cell.
- **Cell Division and Reproduction:** Students will describe the processes of cell division and distinguish between asexual and sexual reproduction.
- **Genetics:** God's Plan of Inheritance: Students will discuss the importance of Mendel's work and results that led to the principle of segregation and the principle of dominance and recessiveness.
- **Microbiology:** Students will explore the six-kingdom classification system and identify which kingdoms are composed of prokaryotes and which are made up of eukaryotes.
- **Plants:** Green Factories: Students will describe the make-up of plant cells and the process of photosynthesis and respiration.
- **Human Anatomy and Physiology:** Students will describe the human body systems.
- **Ecology, Pollution, and Energy:** Students will discuss ecological relationships, pollution, and energy sources.
- **Principles and Applications of Biology:** Students will study the principles of life and the applications of biology.

Unit 1: Taxonomy: Key to Organization		
Assignments		
Biology	1. Course Overview	12. Quiz 3
	2. The History of Taxonomy	13. Taxonomy and Origins
	3. Quiz 1	14. Models of Origin
	4. Binomial Nomenclature	15. Project: Research
	5. Concept of Species	16. Project: Origins*
	6. Quiz 2	17. Quiz 4
	7. Plant and Animal Classification	18. Special Project*
	8. Experiment: Fruit	19. Test
	9. Activity: Keying Plants*	20. Alternate Test*
	10. Activity: Keying Animals*	21. Reference
	11. Search For A System	
Unit 2: Chemistry of Life		
Assignments		
Biology	1. Molecular Basis of Life	14. Carbohydrates
	2. Quiz 1	15. Experiment: Starch*
	3. Properties of Compounds	16. Lipids
	4. Experiment: Static Electricity	17. Nucleic Acids
	5. Covalent Bonding	18. Quiz 4
	6. Experiment: Temperature Control*	19. Enzymes
	7. Importance of Inorganic Compounds	20. Experiment: Digestion*
	8. Experiment: Water Properties	21. Quiz 5
	9. Experiment: Indicators*	22. Special Project*
	10. Quiz 2	23. Test
	11. Chemical Reactions	24. Alternate Test*
	12. Quiz 3	25. Reference
	13. Organic Compounds	
Unit 3: Cells		
Assignments		
Biology	1. The Cell - An Introduction	11. Organelles
	2. The Microscope	12. Production of Needed Material
	3. Experiment: Introducing the Microscope	13. Quiz 2
	4. Experiment: Plant, Animal, and Algae Cells	14. Cells in Organisms
	5. Experiment: Onion Cells*	15. Experiment: Tissues*
	6. Quiz 1	16. Quiz 3
	7. Cell Design	17. Special Project*
	8. Cell Membrane Function	18. Test
	9. Project: Virtual Lab - Osmosis	19. Alternate Test*
	10. Experiment: Osmosis	20. Reference

Unit 4: Cell Division and Reproduction		
Biology	Assignments	
	1. Cell Division	16. Quiz 3
	2. Meiosis	17. Sexual Reproduction in Animals
	3. Stages of Mitosis	18. Experiment: Tissue Structure
	4. Experiment: Mitosis	19. Metamorphosis
	5. Quiz 1	20. Quiz 4
	6. Asexual Reproduction	21. Sexual Reproduction in Plants
	7. Experiment: Regeneration*	22. Life Cycles of Ferns and Pines
	8. Plants	23. Experiment: Ferns and Pines*
	9. Experiment: Bulb Structure*	24. Experiment: Flowers*
	10. Practical Applications in Plants	25. Quiz 5
	11. Experiment: Cuttings*	26. Special Project*
	12. Quiz 2	27. Test
	13. Sexual Reproduction	28. Alternate Test*
	14. Fertilization	29. Reference
	15. Experiment: Sexual Reproduction*	
Unit 5: Genetics: God's Plan of Inheritance		
Biology	Assignments	
	1. Genetics: God's Plan of Inheritance	12. Experiment: Molecular Genetics
	2. Probabilities	13. Quiz 3
	3. Experiment: Probability	14. Human Genetics
	4. Cross Predictions	15. Factors Studied
	5. Application of Mendelian Genetics	16. Inherited Diseases
	6. Quiz 1	17. Quiz 4
	7. Chromosome Basis of Heredity	18. Special Project*
	8. Chromosomes in Meiosis	19. Test
	9. Sex Chromosomes	20. Alternate Test*
	10. Quiz 2	21. Reference
	11. Molecular Genetics	
Unit 6: Microbiology		
Biology	Assignments	
	1. Microbial Taxonomy	12. Eubacteria
	2. Fungi	13. Activity: Pathogenic Bacteria Report
	3. Experiment: Fungus All Around (Part 1)	14. Archaea
	4. Experiment: Fungus All Around (Part 2)	15. Viruses, Prions, and Viroids
	5. Quiz 1: Microbial Taxonomy and Fungi	16. Experiment: Algae Observations
	6. Animal-like Protists	17. Quiz 4: Eubacteria, Archaea, Viruses, Prions, and Viroids
	7. Experiment: Protozoan Culture	18. Special Project*
	8. Quiz 2: Animal-like Protists	19. Test: Microbiology
	9. Plant-like Protists (Algae)	20. Alternate Test*: Microbiology
	10. Fungus-like Protists	21. Reference
	11. Quiz 3: Plant- and Fungus-like Protists	



Unit 7: Plants: Green Factories		
Biology	Assignments	
	1. How Is a Plant Made?	11. Experiment: Terrarium*
	2. Parts of the Plant Cell	12. Respiration
	3. Anatomy and Morphology	13. Quiz 3
	4. Quiz 1	14. How do Plants Help People?
	5. How do Plants Grow?	15. Quiz 4
	6. Experiment: Seeds	16. Special Project*
	7. Developmental Anatomy	17. Test
	8. Quiz 2	18. Alternate Test*
	9. How do Plants Work?	19. Reference
	10. Photosynthesis: A Closer Look	
Unit 8: Human Anatomy and Physiology		
Biology	Assignments	
	1. Digestive System	12. Quiz 2
	2. Excretory System	13. Environmental Interactions
	3. Respiratory System	14. Sensory Systems: The Eye
	4. Circulatory System	15. Sensory Systems: Hearing, Taste, Touch
	5. The Heart	16. Endocrine System
	6. Experiment: Heart Rate	17. Immune System and Disease
	7. Quiz 1	18. Quiz 3
	8. Body Framework	19. Special Project*
	9. Muscular System	20. Test
	10. Experiment: Muscle Types*	21. Alternate Test*
	11. Reproductive System	22. Reference
Unit 9: Ecology, Pollution, and Energy		
Biology	Assignments	
	1. Principles of Ecology	12. Pollution Affects Ecology
	2. Environmental Factors	13. Pollution Problems
	3. Food Chains	14. Quiz 3
	4. Quiz 1	15. Energy Affects Ecology
	5. Ecological Relationships	16. Essay: Stewardship
	6. Communities and Habitats	17. Quiz 4
	7. Experiment: Habitats	18. Special Project*
	8. Experiment: Biomes*	19. Test
	9. Experiment: Quadrats*	20. Alternate Test*
	10. Experiment: Inventory*	21. Reference
	11. Quiz 2	
Unit 10: Principles and Applications of Biology		
Biology	Assignments	
	1. Study of Life	8. Applications of Biology
	2. Definition of Life	9. Green Revolution
	3. Quiz 1	10. Quiz 3
	4. Basic Principles of Life	11. Special Project*
	5. Control System	12. Test
	6. Environment of Life	13. Alternate Test*
	7. Quiz 2	14. Reference

## Chemistry

Chemistry is intended to expose students to the designs and patterns in the world that God has created. In preceding years, students should have developed an understanding for the macroscopic properties of substances and been introduced to the

microstructure of substances. This chemistry course will expand upon that knowledge, further develop the microstructure of substances, and teach the symbolic and mathematical world of formulas, equations, and symbols. The major concepts covered are measurement, atomic structure, chemical formulas and bonding, chemical reactions, stoichiometry, gases, chemical equilibrium, and organic chemistry.

Students at this level should show development in their ability and understanding of scientific inquiry. The units contain experiments and projects that seek to develop a deeper conceptual meaning for the student and actively engage the student. The continued exposure of science concepts and scientific inquiry will serve to improve the student's skill and understanding.

Chemistry should be preceded by an Algebra I course and preceded or accompanied by an Algebra II course

- **Measurement and Analysis:** Students will explore different types of laboratory measurements.
- **Starting the Investigation:** How to Identify Elements, Compounds, and Mixtures: Students will explore the chemical and physical properties of elements, compounds, and mixtures.
- **Exploring Laws for Gases and Conservation of Mass:** Students will explore the kinetic molecular theory, the gas laws and the conservation of mass.
- **The Discovery of Atoms:** Nature's Building Blocks: Students will describe the history and current atomic theory.
- **Molecular Structure:** Students will explore stoichiometry, chemical bonding, and polar properties.
- **Chemical Reactions, Rates and Equilibrium:** Students will observe chemical changes, reaction rates, and factors that affect equilibrium.
- **Equilibrium Systems:** Students will explore solutions and equilibrium systems.
- **Carbon Chemistry: Hydrocarbons:** Students will describe organic compounds and saturated and unsaturated hydrocarbons.
- **Carbon Chemistry: Functional Groups:** Students will explore and describe the functional groups in hydrocarbons.

Unit 1: Measurement and Analysis		
Chemistry	Assignments	
	1. Course Overview	13. Experiment: Masses
	2. An Introduction to Chemistry and Metric Measurement	14. Quiz 3: Measurement and Precision
	3. Report: Metric System*	15. Observation and Hypothesizing
	4. Quiz 1: Metric Conversions	16. Learning to Make Useful and Detailed Observations
	5. Showing Precision in Measurements	17. Using Graphs to Analyze Data
	6. Using Significant Figures to Show the Reliability of Data	18. Project: Tutorial for Making a Scatter Plot Using an Electronic Spreadsheet Program*
	7. Using Scientific Notation with Significant Figures	19. Quiz 4: Measurement to Graphs
	8. Quiz 2: Precision, Significant Figures, and Scientific Notation	20. Doing Chemistry Your Way: Find Your Future
	9. Measuring Volume in the Chemistry Laboratory	21. Quiz 5: Chapter Review
	10. Practice in Measuring Metric Volumes	22. Special Project*
	11. Measuring Mass in the Chemistry Laboratory	23. Test
	12. Project: Measuring Length with Precision*	24. Alternate Test*
		25. Reference
Unit 2: Starting the Investigation: How to Identify Elements, Compounds, and Mixtures		
Chemistry	Assignments	
	1. The Basic Ingredient: Chemical Elements	8. Report: Density*
	2. Quiz 1: Elements, Chemical and Physical Properties	9. Identifying Different Types of Mixtures
	3. Using Chemical and Physical Properties to Identify Substances	10. Experiment: Using the Tyndall Effect to Identify Colloids
	4. Experiment: Observations of a Phase Change	11. Quiz 3: Chapter Review
	5. Experiment: Salt and Sand*	12. Special Project*
	6. Creating Compounds: Investigating Chemical Changes	13. Test
	7. Quiz 2: Elements to Compounds and Chemical Changes	14. Alternate Test*
		15. Reference
Unit 3: Exploring Laws for Gases and Conservation of Mass		
Chemistry	Assignments	
	1. Nothing Stays Put - The Basis for Diffusion and Pressure	12. Combined Gas Law
	2. Gases and Kinetic Molecular Theory	13. Quiz 4: Diffusion to Combined Gas Law
	3. Project: Graphing Kinetic Energy*	14. Counting Gas Particles: The Measure of the Mole
	4. Quiz 1: Diffusion and Kinetic Molecular Theory	15. How Big is a Mole? Avogadro's Number
	5. Pressure-Volume Relationships in Gases (Boyle's Law)	16. Demonstrating Conservation of Mass with Balanced Equations
	6. Quiz 2: Diffusion to P-V Relationships in Gases	17. Essay: Biography*
	7. Temperature-Volume Relationships in Gases (Charles' Law)	18. Project: Examining the Use of Certain Gases as Propellants*
	8. Experiment: Finding Absolute Zero Experimentally	19. Quiz 5: Chapter Review
	9. Experiment: Charles' Law and a Metal Can*	20. Special Project*
	10. Project: Absolute Zero: Real or Theoretical?*	21. Test
	11. Quiz 3: Diffusion to V-T Relationships in Gases	22. Alternate Test*
		23. Reference

Unit 4: The Discovery of Atoms: Nature's Building Blocks		
Chemistry	Assignments	
	1. The Golden Years of Chemistry	10. Charging Up: Ionization of Atoms
	2. Experiment: Physical Properties of Elements	11. Quiz 4: Golden Years to Ionization
	3. Experiment: Chemical Properties of Some Metals	12. A Closer Look Inside: Nuclear Reactions
	4. Masters of Classic Atomic Theory	13. Report: Fission Reactors
	5. Quiz 1: Golden Years to Masters	14. Quiz 5: Chapter Review
	6. Designing an Organizational Map: The Periodic Table	15. Special Project
	7. Quiz 2: Golden Years to Periodic Table	16. Test
	8. The Bohr Model Revisited	17. Alternate Test
	9. Quiz 3: Golden Years to Bohr Model	18. Reference
Unit 5: Molecular Structure		
Chemistry	Assignments	
	1. Chemical Accounting: Stoichiometry	8. Charging Up: Ionization of Atoms
	2. Valence Structure	9. Quiz 4: Golden Years to Ionization
	3. Quiz 1: Stoichiometry to Valence	10. A Closer Look Inside: Nuclear Reactions
	4. Determining Chemical Formulas	11. Report: Fission Reactors
	5. Electron Availability: Prelude to Bonding	12. Quiz 5: Chapter Review
	6. Quiz 2: Stoichiometry to Prelude to BondingG	13. Special Project
	7. Types of Chemical Bonds	14. Test
Unit 6: Semester Review and Test		
Chemistry	Assignments	
	1. Review	3. Alternate Exam—Form A*
	2. Exam	4. Alternate Exam—Form B*
Unit 7: Chemical Reactions, Rates and Equilibrium		
Chemistry	Assignments	
	1. Evidence for Chemical Change	10. Factors that Affect Reaction Rate: Temperature, Catalysts, Concentration of Reactants
	2. Experiment: Observing Chemical Changes	11. Quiz 2: Chemical Change to Reaction Rate
	3. Experiment: Chemical Reactions*	12. Reaction Equilibria and Equilibrium Constants
	4. Experiment: Ammonium Nitrate*	13. Activity: Exploring Factors that Affect Equilibrium
	5. Enthalpy of Reaction	14. Conditions Affecting Equilibrium
	6. Using Gibbs Free Energy to Predict Spontaneous Reactions	15. Quiz 3: Chapter Review
	7. Quiz 1: Chemical Change to Enotropy and Gibbs Free Energy	16. Special Project*
	8. Factors that Affect Reaction Rates: Solution Concentration	17. Test
	9. Experiment: Effect of Solution Concentration on Reaction Rate	18. Alternate Test*
		19. Reference

Unit 8: Equilibrium Systems		
Chemistry	Assignments	
	1. Chemist's Toolbox	13. pH Scale
	2. Solutions	14. Titration of Acids and Bases
	3. Solution Concentration: Molarity	15. Quiz 3: Toolbox to Titration
	4. Electrical Nature of Solutions	16. Redox Equilibria
	5. Solubility	17. Redox and Oxidation Potentials
	6. Quiz 1: Toolbox TO Solubility	18. Activity: Solution Concentration vs. Conductivity
	7. The Dissolving Process	19. pH Calculations
	8. Experiment: Solubility Trends	20. Quiz 4: Chapter Review
	9. The Solubility Constant	21. Special Project*
	10. Quiz 2: Toolbox to Solubility Constant	22. Test
	11. Acid-Base Equilibria	23. Alternate Test*
	12. Experiment: Acid Strength*	24. Reference
Unit 9: Carbon Chemistry: Hydrocarbons		
Chemistry	Assignments	
	1. Organic Compounds	8. Alkanes: Saturated Hydrocarbons
	2. Sources of Organic Compounds	9. Unsaturated Hydrocarbons
	3. Experiment: Volatility*	10. Quiz 3: Chapter Review
	4. Quiz 1: Organic Compounds and Their Sources	11. Special Project*
	5. A Closer Look at the Carbon Atom	12. Test
	6. Bonding in Organic Compounds	13. Alternate Test*
	7. Quiz 2: Organic Compounds to Bonding	14. Reference
Unit 10: Carbon Chemistry: Functional Groups		
Chemistry	Assignments	
	1. Common Reactions of Saturated Hydrocarbons	8. Nitrogen Functional Groups
	2. Reactions of Unsaturated Hydrocarbons	9. Proteins and Amino Acids
	3. Quiz 1: Reactions of Saturated and Unsaturated Hydrocarbons	10. Experiment: Preparation of a Polymer
	4. Alcohols	11. Quiz 3: Chapter Review
	5. Aldehydes, Acids, and Ketones	12. Special Project*
	6. Esters	13. Test
	7. Quiz 2: Reactions of Saturated and Unsaturated Hydrocarbons to Esters	14. Alternate Test*
		15. Reference
Unit 11: Chemistry Review		
Chemistry	Assignments	
	1. Measurement and Analysis	12. Solutions
	2. Scientific Analysis and Significant Figures	13. Solubility Equilibrium
	3. Elements, Compounds, and Mixtures	14. Neutralization
	4. Gases and Moles	15. Organic Compounds
	5. Quiz 1: Measurement to Gases and Moles	16. Hydrocarbon Chemistry
	6. Atomic Structure and Nuclear Reactions	17. Quiz 3: Chapter Review
	7. The Periodic Law	18. Special Project*
	8. Molecular Structure	19. Test
	9. Chemical Reactions, Rates, and Equilibrium	20. Alternate Test*
	10. Reaction Dynamics	21. Reference
	11. Quiz 2: Measurement to Reaction Dynamics	
Unit 12: Semester Review and Test		
Chemistry	Assignments	
	1. Review	3. Alternate Exam—Form A*
	2. Exam	4. Alternate Exam—Form B*

Chemistry	Unit 13: Final Exam	
	Assignments	
	1. Exam 2. Alternate Exam—Form A*	3. Alternate Exam—Form B*

## Physics

Physics is intended to expose students to the design and order in the world that God has created. In preceding years, students should have developed a basic understanding of the macroscopic and microscopic world of forces, motion, waves, light, and electricity. The physics course will expand upon that prior knowledge and further develop both. The curriculum will also seek to teach the symbolic and mathematical world of formulas and symbols used in physics. The major concepts covered are kinematics, forces and motion, work and energy, sound and light waves, electricity and magnetism, and nuclear physics.

Students at this level should show development in their ability and understanding of scientific inquiry. The units contain experiments and projects that seek to develop a deeper conceptual meaning for the student and actively engage the student. The continued exposure of science concepts and scientific inquiry will serve to improve the student's skill and understanding.

Physics should be preceded by Algebra I and II courses and geometry.

- **Kinematics:** Students will learn to use scalars and vectors to visualize and calculate concepts of motion.
- **Dynamics:** Students will articulate Newton's and Kepler's laws of motion.
- **Work and Energy:** Students will demonstrate an understanding of how energy is transferred and changed from one form to another.
- **Introduction to Waves:** Students will describe wave characteristics such as amplitude, velocity, wavelength, and frequency.
- **Light:** Students will describe phenomena that characterize light as a wave and phenomena that characterize it as a particle.
- **Static Electricity:** Students will understand that all electric charges produce an electric field around them.
- **Electric Currents:** Students will apply and solve problems using Ohm's Law and Watt's Law for both series and parallel circuits.
- **Magnetism:** Students will describe the relationship between magnetism and electricity.
- **Atomic and Nuclear Physics:** Students will acquire a general understanding of atomic theory, including fusion and fission.

Unit 1: Kinematics		
Physics	Assignments	
	1. Course Overview	11. Acceleration and Acceleration Due to Gravity
	2. Introduction to the Language of Physics	12. Experiment: Determining Reaction Time
	3. Experiment: Making a Soda Straw Balance	13. Quiz 4: Acceleration and Acceleration Due to Gravity
	4. Experiment: Making a Simple Model of the Solar System	14. Vectors
	5. Quiz 1: Measurements	15. Projectiles
	6. Scalars and Vectors	16. Quiz 5: Review
	7. Quiz 2: Scalars and Vectors	17. Special Project*
	8. Speed and Velocity	18. Review Game
	9. Project: Tutorial for Making a Scatter Plot Using an Electronic Spreadsheet Program*	19. Test
	10. Quiz 3: Speed and Velocity	20. Alternate Test*
		21. Reference
Unit 2: Dynamics		
Physics	Assignments	
	1. Newton's First and Second Laws	13. Experiment: Collisions
	2. Report: Isaac Newton	14. Quiz 4
	3. Quiz 1	15. Kepler's Laws of Planetary Motion
	4. Project: Virtual Lab - Newton's Laws	16. Report: Solar System
	5. Gravity	17. Experiment: Kepler's Law
	6. Quiz 2	18. Quiz 5
	7. Uniform Circular Motion	19. Special Project
	8. Project: Virtual Lab - Circular Motion	20. Review Game
	9. Experiment: Circular Motion	21. Test
	10. Quiz 3	22. Alternate Test
	11. Newton's Third Law and Conservation of Momentum	23. Reference
	12. Project: Virtual Lab - Conservation of Momentum	
Unit 3: Work and Energy		
Physics	Assignments	
	1. Work, Kinetic, and Potential Energy	11. Latent Heat
	2. Report: Nuclear Energy*	12. Experiment: Latent Heat*
	3. Quiz 1	13. Laws of Thermodynamics
	4. Conservation of Energy	14. Quiz 3
	5. Power and Efficiency	15. Special Project*
	6. Project: Virtual Lab- Simple Machines	16. Review Game
	7. Experiment: Simple Machines	17. Test
	8. Quiz 2	18. Alternate Test*
	9. Project: Virtual Lab- Projectiles	19. Reference
	10. Heat Energy	



Unit 4: Introduction to Waves		
Physics	Assignments	
	1. Characteristics of Waves	10. Project: Virtual Lab- Sound
	2. Experiment: Wave Speeds	11. Project: Virtual Lab- Doppler Effect
	3. Experiment: Pulses*	12. Experiment: Doppler Effect*
	4. Quiz 1	13. Quiz 3
	5. Wave Phenomena	14. Special Project*
	6. Experiment: Waves	15. Review Game
	7. Experiment: Bending Waves*	16. Test
	8. Quiz 2	17. Alternate Test*
	9. Sound Waves	18. Reference

Unit 5: Light		
Physics	Assignments	
	1. Speed of Light: Historical Calculations	10. Light Phenomena and Models of Light
	2. Properties of Light	11. Project: Virtual Lab- Light
	3. Experiment: Light Angles	12. Experiment: Light Observations*
	4. Experiment: Water Refraction*	13. Quiz 3
	5. Quiz 1	14. Special Project*
	6. Mirrors	15. Review Game
	7. Experiment: Convergence	16. Test
	8. Lenses	17. Alternate Test*
	9. Quiz 2	18. Reference

Unit 6: Semester Review and Exam		
Physics	Assignments	
	1. Review	3. Alternate Exam- Form A*
	2. Exam	4. Alternate Exam- Form B*

Unit 7: Static Electricity		
Physics	Assignments	
	1. Electric Charges	9. Potential and Energy
	2. Coulomb's Law	10. Quiz 3
	3. Experiment: Static Electricity*	11. Special Project*
	4. The Transfer of Charges	12. Review Game
	5. Quiz 1	13. Test
	6. Electric Fields	14. Alternate Test*
	7. Quiz 2	15. Reference
	8. Electric Potential	

Unit 8: Electric Currents		
Physics	Assignments	
	1. Sources of EMF	9. Project: Virtual Lab- Circuits
	2. Project: Research and Report*	10. Quiz 3
	3. Fluid Flow	11. Special Project*
	4. Quiz 1	12. Review Game
	5. Resistance	13. Test
	6. Quiz 2	14. Alternate Test*
	7. Ohm's Law	15. Reference
	8. Circuits	

Unit 9: Magnetism		
Physics	Assignments	
	1. Fields and Forces	9. Electron Beams
	2. Experiment: Magnetic Fields*	10. Quiz 3
	3. Forces	11. Special Project*
	4. Quiz 1	12. Review Game
	5. Electromagnetism	13. Test
	6. Experiment: Induced Magnetic Fields*	14. Alternate Test*
	7. Electromagnetic Induction	15. Reference
	8. Quiz 2	

Unit 10: Atomic and Nuclear Physics		
Physics	Assignments	
	1. Quantum Theory	9. Nuclear Reactions
	2. X-Rays, Matter Waves, and the Uncertainty Principle	10. Fusion and Applications of Nuclear Energy
	3. Quiz 1	11. Quiz 3
	4. Early Atomic Models	12. Special Project*
	5. Report: Early Atomic Physics*	13. Review Game
	6. Bohr Model	14. Test
	7. Nuclear Theory	15. Alternate Test*
	8. Quiz 2	16. Reference

Unit 11: Review		
Physics	Assignments	
	1. Mechanics	12. Modern Physics
	2. Dynamics	13. The Bohr Atom
	3. Energy	14. Duality
	4. Quiz 1	15. Nuclear Energy
	5. Wave Motion	16. Quiz 4
	6. Light and Sound	17. Special Project*
	7. Quiz 2	18. Review Game
	8. Electricity and Magnetism	19. Test
	9. Fields and Forces	20. Alternate Test*
	10. Circuits	21. Reference
	11. Quiz 3	

Physics	<b>Unit 12: Semester Review And Exam</b>	
	<b>Assignments</b>	
	1. Review 2. Exam	3. Alternate Exam: Form A* 4. Alternate Exam: Form B*
Physics	<b>Unit 13: Final Exam</b>	
	<b>Assignments</b>	
	1. Exam 2. Alternate Exam: Form A*	3. Alternate Exam: Form B*

# Electives

## American Literature

American Literature is a five-unit elective that engages high school students in a literary conversation with some of the most colorful and influential minds in American history. Their words will give students a greater understanding of themselves, their culture, and the ideas of others. The course teaches students the various movements in American literature, starting with the roots of American literature in writings from the Puritans. The course concludes with works by Dr. Martin Luther King, Jr., and other black writers who were part of the struggle for racial freedom during the civil rights era.

**By then of this course students should be able to:**

- Recognize the religious beliefs of selected founding fathers, as evidenced in their writings.
- Identify the birth of a distinctively American literature.
- Recognize the impact of slavery on individuals and society.
- Understand and identify the influence of modernism upon religion and the arts.
- Recognize the dominant themes and techniques used in literature at the end of the twentieth century.

Unit 1: Early American Literature 1600-1800		
Assignments		
American Literature	1. Course Overview	14. Jonathan Edwards
	2. Introduction: The Puritans	15. Benjamin Franklin
	3. John Smith	16. Essay: Authors' Views of Mankind
	4. William Bradford	17. Thomas Paine
	5. John Winthrop	18. Thomas Jefferson
	6. Quiz 1: The Puritans	19. Michel-Guillaume Jean de Crevecoeur
	7. The Colonists: Mary Rowlandson	20. Essay: Biblical Imagery and References*
	8. Anne Bradstreet	21. Quiz 3: Days of Change and Revolution
	9. Essay: Comparing Authors' Views	22. Special Project*
	10. Edward Taylor	23. Test: Early American Literature
	11. Samuel Sewall	24. Alternate Test: Early American Literature*
	12. Quiz 2: The Colonists	25. Reference
	13. Days of Change and Revolution 1700-1800	

Unit 2: The Romantic Period 1800-1855		
American Literature	Assignments	
	1. A New Nation 1800-1840: Introduction	13. Quiz 2: The Fireside Poets and Transcendentalists
	2. Washington Irving	14. The Voices of Despair: Edgar Allen Poe
	3. James Fenimore Cooper	15. The Voices of Despair: Nathaniel Hawthorne
	4. William Cullen Bryant	16. The Voices of Despair: Herman Melville
	5. Quiz 1: A New Nation	17. The Voices of Despair: Emily Dickinson
	6. American Naissance 1840-1855: Introduction	18. Project: Responding to Literature
	7. The Fireside Poets: Henry Wadsworth Longfellow	19. Quiz 3: The Voices of Despair
	8. The Fireside Poets: John Greenleaf Whittier	20. Special Project*
	9. The Fireside Poets: Oliver Wendell Holmes	21. Test: The Romantic Period
	10. The Transcendentalists: Ralph Waldo Emerson	22. Alternate Test: The Romantic Period*
	11. The Transcendentalists: Henry David Thoreau	23. Reference
	12. The Transcendentalists: Walt Whitman	

Unit 3: War and Reconciliation 1855-1915		
American Literature	Assignments	
	1. Secession and Loyalty 1855-1865: Introduction	13. Naturalists, Regionalists and Realists: Stephen
	2. Frederick Douglass	14. Crane
	3. Harriet Beecher Stowe	15. Kate Chopin
	4. Spirituals	16. Paul Laurence Dunbar
	5. Robert E. Lee	17. Jack London
	6. Abraham Lincoln	18. Essay: Analysis and Response
	7. Quiz 1: Secession and Loyalty 1855 - 1865	19. Quiz 3: Naturalists, Regionalists, and Realists
	8. Realism and Naturalism 1865-1915: Introduction	20. Special Project*
	9. Samuel Langhorne Clemens (Mark Twain)	21. Test: War and Reconciliation
	10. William Dean Howells	22. Alternate Test: War and Reconciliation*
	11. Henry James	23. Reference
	12. Quiz 2: Realism and Naturalism 1865 - 1915	

Unit 4: The Modern Age 1915-1946		
American Literature	Assignments	
	1. The Modern Age	12. Quiz 2: Modern Poetry
	2. Modern Prose: Ernest Hemingway	13. Other Modern Age Literature: Harlem Renaissance, Langston Hughes
	3. F. Scott Fitzgerald	14. Drama: Thornton Wilder
	4. Quiz 1: Modern Prose	15. Religious Works: J. Gresham Machen
	5. Modern Poetry: Ezra Pound	16. Quiz 3: Other Literature
	6. Carl Sandburg	17. Special Project*
	7. E. E. Cummings	18. Test: The Modern Age
	8. Wallace Stevens	19. Alternate Test: The Modern Age*
	9. Robert Frost	20. Reference
	10. W. H. Auden	
	11. Project: Poetry Models	

Unit 5: From Modern to Postmodern 1946-Present		
Assignments		
American Literature	1. The Birth of Postmodernism: Introduction	11. Social Issues: Martin Luther King, Jr.
	2. Flannery O'Connor (1)	12. Essay: Dr. King's Literary Allusions
	3. Flannery O'Connor (2)	13. Ralph Ellison
	4. Flannery O'Connor (3)	14. Gwendolyn Brooks
	5. Theodore Roethke	15. Project: Responding to Postmodernism
	6. Quiz 1: The Birth of Postmodernism	16. Quiz 3: Social Issues
	7. More Contemporary Writers: Eudora Welty	17. Special Project*
	8. John Updike	18. Test: From Modern to Postmodern
	9. Robert Trail Spence Lowell, Jr.	19. Alternate Test: From Modern to Postmodern*
	10. Quiz 2: More Contemporary Writers	20. Reference

## British Literature

Beginning with works from the Middle Ages, British Literature is a five-unit course that teaches high school students about some of the greatest books of Western Civilization. Students will learn how to appreciate the English literature of the Middle Ages for its wisdom and beauty and will also gain a better understanding of the development of the English language and its literature. Course units cover one to two centuries, concluding with the writings of apologist C.S. Lewis in the 20th century.

Through this course, students will do the following:

- Gain a better understanding of the beginning and development of the English language and its literature.
- Recognize the Bible's central importance to the English Reformation.
- Appreciate the wisdom and eloquence of the authors of each period.
- Evaluate literature by comparing it to Scripture.
- Discern the causes and the consequences of "the absence of God" from modern society.
- Appreciate the influence of Christian writers in the twentieth century.

Unit 1: The Middle Ages		
Assignments		
British Literature	1. Course Overview	12. Morality Plays: Everyman
	2. Introduction	13. Sir Thomas Malory: Le Morte d' Arthur
	3. Old English Literature: Bede	14. Le Morte d' Arthur II
	4. Beowulf	15. Le Morte d' Arthur III
	5. Project: Metonymy	16. Essay: Comparing Literature to Scripture
	6. Quiz 1: Introduction and Old English Literature	17. Quiz 3: Morality Plays and Malory's Le Morte d' Arthur
	7. Middle English Literature: Chaucer	18. Special Project*
	8. The Pardoner's Tale	19. Test: The Middle Ages
	9. Piers Plowman	20. Alternate Test: The Middle Ages*
	10. Project: Illuminated Manuscripts	21. Reference
	11. Quiz 2: Middle English Literature	
Unit 2: The Sixteenth Century		
Assignments		
British Literature	1. The Renaissance and Reformation	14. The Taming of the Shrew 1
	2. The Early Renaissance: Sir Thomas More	15. The Taming of the Shrew 2
	3. Roger Ascham	16. The Taming of the Shrew 3
	4. John Foxe	17. The Taming of the Shrew 4
	5. Quiz 1: The Renaissance and Reformation	18. The Taming of the Shrew 5
	6. Renaissance Poets: Sir Thomas Wyatt the Elder	19. Project: Exploring Shakespeare
	7. Sir Philip Sidney	20. The English Bible
	8. Edmund Spenser	21. Quiz 3: Renaissance Prose and Drama
	9. Mary (Sidney) Herbert, Countess of Pembroke	22. Special Project*
	10. Essay: Comparing Literature to Scripture	23. Test: The Sixteenth Century
	11. Quiz 2: Renaissance Poets	24. Alternate Test: The Sixteenth Century*
	12. Renaissance Prose and Drama: Sir Walter Raleigh	25. Reference
	13. William Shakespeare	

Unit 3: The Seventeenth and Eighteenth Centuries		
British Literature	Assignments	
	1. The Stuarts and the Puritan Revolution 1603-1660	13. John Bunyan
	2. John Donne	14. Jonathan Swift
	3. Ben Jonson	15. Alexander Pope
	4. George Herbert	16. Isaac Watts
	5. Quiz 1: The Stuarts and the Puritan Revolution	17. Project: Responding to Literature
	6. More Seventeenth Century Writers: John Milton	18. Quiz 3: The Restoration and Neoclassic Period
	7. John Owen	19. Special Project*
	8. Essay: Comparing Literature to Scripture	20. Test: The Seventeenth and Eighteenth Centuries
	9. Francis Bacon	21. Alternate Test: The Seventeenth and Eighteenth Centuries*
	10. Quiz 2: More Seventeenth Century Writers	22. Reference
	11. The Restoration and Neoclassic Period 1660-1785	
	12. John Dryden	
Unit 4: The Nineteenth Century (1798-1900)		
British Literature	Assignments	
	1. The Romantic Era: Introduction	15. John Henry Cardinal Newman
	2. William Blake	16. Alfred, Lord Tennyson
	3. William Wordsworth	17. Charles Dickens
	4. Samuel Taylor Coleridge	18. Robert Browning
	5. Sir Walter Scott	19. George Eliot
	6. Quiz 1: The Romantic Era	20. Oscar Wilde
	7. The Late Romantic Era: Jane Austen	21. Lewis Carroll
	8. Charles Lamb	22. Project: Responding to Literature
	9. George Gordon, Lord Byron	23. Quiz 3: The Victorian Era
	10. Percy Bysshe Shelley	24. Special Project*
	11. John Keats	25. Test: The Nineteenth Century
	12. Quiz 2: The Late Romantic Era	26. Alternate Test: The Nineteenth Century*
	13. The Victorian Era: Introduction	27. Reference
	14. Thomas Carlyle	
Unit 5: The Twentieth Century		
British Literature	Assignments	
	1. Introduction	11. Modern Fiction: Virginia Woolf
	2. Thomas Hardy	12. James Joyce
	3. Joseph Conrad	13. Aldous Leonard Huxley
	4. G. K. Chesterton	14. C. S. Lewis
	5. Quiz 1: Introduction	15. Project: Responding to Literature
	6. Modern Poetry, Drama, and Prose: William Butler Yeats	16. Quiz 3: Modern Fiction
	7. T. S. Eliot	17. Special Project*
	8. George Bernard Shaw	18. Test: The Twentieth Century
	9. Winston Churchill	19. Alternate Test: The Twentieth Century*
	10. Quiz 2: Modern Poetry, Drama, and Prose	20. Reference



## Business Computer Information Systems

BCIS is a high school elective that explores the use of technology applications in both business and personal situations. The course provides key knowledge and skills in the following areas:

- communication skills
- business technology
- word processing applications
- spreadsheet applications
- database applications
- telecommunications technology
- desktop publishing technology
- presentation technology
- computer networks
- computer operating systems

The course is intended to help students arrive at the following understandings:

- Effective communications skills and productive work habits can increase employees' success.
- Technology solutions can help employees be more productive and effective.

Keyboarding is a stated prerequisite for this course. While there are some keyboarding reviews in the course, there is no keyboarding instruction.

Unit 1: Communication Skills		
Assignments		
BCIS	1. Course Overview	11. Finding Reliable Internet Resources
	2. Communication Skills	12. Paraphrasing and Summarizing
	3. Electronic Communication Skills	13. Organizing Information
	4. Project: Revising E-mail	14. Quiz 3: Using Written Information
	5. Quiz 1: Overview of Effective Communication Skills	15. Report: Business Skills
	6. Workplace Skills, Habits, and Attitudes	16. Special Project*
	7. Active Listening	17. Review
	8. Constructive Feedback	18. Test
	9. Project: Employee Action Plan	19. Alternate Test*
	10. Quiz 2: Desirable Workplace Skills, Habits, and Attitudes	20. Glossary and Credits
Unit 2: Business Technology		
Assignments		
BCIS	1. Hardware versus Software	8. Report: Technology in Business
	2. Current Business Technology	9. Special Project*
	3. Quiz 1: Overview of Business Technology	10. Review
	4. Business Solutions Case Studies	11. Test
	5. Emerging Technology	12. Alternate Test*
	6. Project: Defining Technical Terms	13. Glossary and Credits
	7. Quiz 2: Business Solutions	

Unit 3: Word Processing		
BCIS	Assignments	
	1. Keyboarding Pretest	13. Project: Creating a Newsletter
	2. Keyboarding Exercises	14. Research Papers
	3. Number Keypad	15. Project: Formatting a Research Paper
	4. Project: Timed Typing Tests*	16. Business Reports
	5. Quiz 1: Keyboarding Skills	17. Project: Creating a Business Report
	6. Writing and Editing a Business Document	18. Quiz 2: Creating Business Documents
	7. Project: Creating a Memo	19. Special Project*
	8. Business Letters	20. Review
	9. Project: Creating a Business Letter	21. Test
	10. Resumes	22. Alternate Test*
	11. Project: Creating a Resume	23. Glossary and Credits
	12. Brochures and Newsletters	
Unit 4: Spreadsheets		
BCIS	Assignments	
	1. Entering Data	12. Project: Estimating Income Taxes
	2. Formatting	13. Creating Graphs
	3. Editing Data	14. Project: Business Spreadsheets
	4. Shortcuts	15. Project: Balance Sheets and Profit-and-Loss Statements
	5. Quiz 1: Spreadsheet Basics	16. Quiz 3: Spreadsheet Applications
	6. Formulas	17. Special Project*
	7. Project: Using Simple Formulas	18. Review
	8. Advanced Formulas	19. Test
	9. Project: Using Advanced Formulas	20. Alternate Test*
	10. Quiz 2: Spreadsheet Formulas	21. Glossary and Credits
	11. Project: Creating a Personal Budget	
Unit 5: Databases		
BCIS	Assignments	
	1. Comparing Databases and Spreadsheets	10. Project: Using a Database to Create a Business Report*
	2. Understanding Database Terms	11. Quiz 2: Database Features
	3. Project: Creating a Database	12. Special Project*
	4. Working with Data and Records	13. Review
	5. Quiz 1: Database Basics	14. Test
	6. Using Databases to Search and Query	15. Alternate Test*
	7. Project: Working with Queries	16. Glossary and Credits
	8. Project: Using a Database to Generate Mailings*	
	9. Importing and Exporting Data	
Unit 6: Semester Review and Exam		
BCIS	Assignments	
	1. Review	3. Alternate Exam*
	2. Exam	

Unit 7: Telecommunications Technology		
Assignments		
BCIS	1. The Parts and the Pieces	9. E-Mail Ethics and Work Habits
	2. Case Studies	10. Netiquette
	3. Quiz 1: The Telecommunications Industry - An Overview	11. Quiz 3: Doing It Right
	4. E-Mail	12. Special Project*
	5. Beyond E-Mail	13. Review
	6. Evaluating Telecommunication Technologies	14. Test
	7. Project: Analyze It	15. Alternate Test*
	8. Quiz 2: Using and Choosing Telecommunication Technology	16. Glossary and Credits
Unit 8: Desktop Publishing Technology		
Assignments		
BCIS	1. What Is Desktop Publishing?	9. Importing Graphics
	2. Case Study: The Uses of DTP	10. Project: Creating an Instructional Manual
	3. Quiz 1: Desktop Publishing - An Introduction	11. Quiz 3: Using Desktop Publishing
	4. Planning	12. Special Project*
	5. Design Considerations	13. Review
	6. More Design Considerations	14. Test
	7. Quiz 2: Desktop Publishing Procedures	15. Alternate Test*
	8. Importing Text	16. Glossary and Credits
Unit 9: Presentation Technology		
Assignments		
BCIS	1. What is Presentation Technology?	10. Putting It All Together
	2. How Is Presentation Technology Used?	11. Quiz 3: Presentation Planning
	3. Quiz 1: An Introduction to Presentation Technology	12. Project: Creating a Presentation
	4. Working with Text	13. Special Project*
	5. Working with Graphics	14. Review
	6. Working with Special Effects	15. Test
	7. Quiz 2: Presentation Guidelines	16. Alternate Test*
	8. Content	17. Glossary and Credits
	9. Layout	
Unit 10: Computer Networks		
Assignments		
BCIS	1. Why Use a Network?	10. Designing Your Network
	2. How Do Networks Work?	11. Quiz 3: Choosing a Network
	3. Quiz 1: An Introduction to Networking	12. Project: Networking Interview
	4. Network Architecture	13. Special Project*
	5. Network Areas	14. Review
	6. Network Models	15. Test
	7. Hardware and Software	16. Alternate Test*
	8. Quiz 2: Networking Basics	17. Glossary and Credits
	9. Needs Assessment	

Unit 11: Computer Operating Systems	
BCIS	Assignments
	1. What is an Operating System?
	2. Utilities
	3. Quiz 1: An Introduction to Operating Systems
	4. Mac
	5. Windows
	6. Linux
	7. Quiz 2: Types of Operating Systems
	8. Getting Started - Exploring the Desktop
	9. Using the Interface
	10. Programs and Files
	11. Quiz 3: Using the Operating System
	12. Project: Customize Your Desktop
	13. Special Project*
	14. Review
	15. Test
	16. Alternate Test*
	17. Glossary and Credits

  

Unit 12: Semester Review and Exam	
BCIS	Assignments
	1. Review
	2. Exam
	3. Alternate Exam*

## Civics

In this five-section elective, high-school students will learn about the rights and responsibilities of being an American citizen. By studying different forms of government, students will investigate what motivated America's founding fathers as they drafted the U.S. Constitution. Students will also learn about the branches of the U.S. government as laid out in the Constitution and about the structure of state and local governments. In each unit, students will complete an in-depth project related to that unit's topic.

Through this course, students will do the following:

- Understand the definition of government and explain its role in the life of the citizen.
- Explore why politics takes place any time a group of individuals is gathered together.
- Understand the differences and relationships between civic life, political life, and private life.
- Analyze the influence of the federal government on the American economy.
- Analyze the elements of America's market economy in a global setting.

Unit 1: A New Nation		
Civics	Assignments	
	1. Course Overview	16. Civil Society and Government
	2. The Distinctions Among Civic, Political, and Private Life	17. Relationship of Limited Government to Political and Economic Freedom
	3. The Necessity of Politics and Government	18. Liberalism, Republicanism, and American Constitutional Republic
	4. The Purpose of Politics and Government	19. Project: Conflict of Interest
	5. Quiz 1	20. Quiz 3
	6. Why Independence	21. Unitary, Confederal, or Federal?
	7. Natural Rights	22. Nature of Representation
	8. Given Rights	23. Fundamental Values and Principles
	9. The Role of Religion	24. The Great Compromise
	10. The Protestant Reformation	25. Quiz 4
	11. Babylonian Monarchy, Greek Democracy, Roman Republic	26. Special Project*
	12. Quiz 2	27. Test
	13. Forms of Government	28. Alternate Test*
	14. Religious and Political Freedom	29. Reference
	15. Limits in Government	
Unit 2: The Constitution		
Civics	Assignments	
	1. Federalists and Anti-Federalists	10. Separation of Powers/Checks and Balances
	2. Project: Compare Bill of Rights	11. Quiz 2
	3. As Good as it Gets	12. The Ability to Change
	4. The Peaceful Transfer of Power	13. The Bill of Rights: Protection
	5. Quiz 1	14. The Bill of Rights: Interpretation
	6. Introduction to Constitutional Government	15. Quiz 3
	7. Constitutional Law in the United States Federal Government	16. Special Project*
	8. The Preamble	17. Test
	9. Project: A Limited Government	18. Alternate Test*
		19. Reference

Unit 3: Branches of Government		
Civics	Assignments	
	1. Presidential Power	12. Quiz 2
	2. Electing a President	13. Organization of the Judicial Branch
	3. Case Study: The Election of 1824	14. The Role of the Supreme Court
	4. The Federal Bureaucracy	15. Judicial Activism vs. Judicial Restraint
	5. Project: Limits on Presidential Power	16. Making a More Perfect Union
	6. Quiz 1	17. Quiz 3
	7. A Two-House System	18. Special Project*
	8. Committees in Action	19. Test
	9. Project: Your Home Legislators*	20. Alternate Test*
	10. How a Bill Becomes a Law	21. Reference
	11. Impeachment	
Unit 4: Government by the People		
Civics	Assignments	
	1. State Branches	17. Case Study: Prohibition
	2. Local Government: Types and Functions	18. Civic Responsibility
	3. Financing Government through Taxation	19. Becoming a Citizen
	4. Case Study: Integration of Schools	20. Quiz 3
	5. Direct Democracy	21. Diversity and the Character of American Society
	6. Quiz 1	22. Project: Constitutional Values and Principles
	7. Why Political Parties?	23. Voluntarism and Organized Groups
	8. Parties and Primaries	24. American Political Conflict
	9. Politics and Media	25. Conflicts of Values
	10. Districts, Special Interests, and Funding	26. Disparities between Ideals and Reality
	11. Public Policy and Public Agenda	27. Quiz 4
	12. Project: Your Politics*	28. Special Project*
	13. Quiz 2	29. Test
	14. Your Rights	30. Alternate Test*
	15. Project: Limits of Freedom	31. Reference
	16. Citizens in Action	

Unit 5: Relationship to the World		
Assignments		
Civics	1. Government and Economics	15. Quiz 2
	2. Project: Economics of a New Business	16. Economic and Humanitarian Concerns
	3. International Economics	17. Political Concerns
	4. Case Study: The Middle East	18. Historical Context of Foreign Policy
	5. Project: Environmental Politics	19. Making and Implementing Foreign Policy
	6. Quiz 1	20. Means and Ends of Foreign Policy
	7. Types of Economic Systems	21. Impact of Democracy and Individual Rights on the World
	8. Communism	22. International Organizations
	9. Fascism	23. Quiz 3
	10. Project: The Jewish Holocaust	24. Special Project*
	11. American Capitalism	25. Test
	12. Personal, Political, and Economic Rights	26. Alternate Test*
	13. Geography, Politics, and Economics of Governments	27. Reference
	14. Project: New Governments	

## Civil War

You are about to embark on the fascinating history of the Civil War. It is a story of human choices that linked the past to the present and influenced the future. It is a drama of how one nation changed through times of conflict and cooperation. It is a tale of two children (the North and South) living under the same roof (The United States) and how they disagreed over the issues of states' rights and slavery.

Students will also gain practice in research, using technology, and writing through various projects. In addition to the default course program, Civil War Elective includes alternate projects, essays, and tests for use in enhancing instruction or addressing individual needs.

- **Unit 1:** Students will compare and contrast the characteristics of the North and South, the development of slavery in the South, and the events that started the Civil War.
- **Unit 2:** Students will examine the war strategies, battles, and majors events of the Civil War.
- **Unit 3:** Students will explore many aspects of the war including: the presidencies of Lincoln and Davis, the generals, turning points, role of women and African Americans, and the effects of the war on the U.S.
- **Unit 4:** Students will gain knowledge about the later years of the war including: Grant's war of attrition, Sherman's advances in the South, the life of a soldier, prisoners of war, and the last few months of Lincoln's life.
- **Unit 5:** Students will describe the events that led to the end of the Civil War, examine the plans for Reconstruction, and identify three amendments that passed during this time.

Unit 1: The Pre-War Years		
Civil War	Assignments	
	1. Course Overview	11. Abolition and John Brown
	2. Development of Two Cultures - Part 1	12. Causes of Secession
	3. Development of Two Cultures - Part 2	13. Storm over Sumter
	4. Life of a Slave	14. Project: Comparing Wars
	5. Project: The Art of Compromise	15. Quiz 3: Point of No Return
	6. Quiz 1: Two Cultures in Conflict	16. Special Project*
	7. Political Compromises	17. Review
	8. Kansas-Nebraska Act	18. Test
	9. The Kansas Issue	19. Alternate Test*
	10. Quiz 2: Compromise	20. Glossary and Credits



Unit 2: The Early Years		
Civil War	Assignments	
	1. Why Fight?	11. Fredericksburg
	2. The Anaconda Plan	12. Emancipation Proclamation
	3. First Battle of Bull Run	13. Chancellorsville
	4. Project: Anti-War Editorial	14. Quiz 3: Freedom in Turmoil
	5. Quiz 1: The War Begins	15. Project: Emancipation Proclamation Discussion
	6. Battle of Shiloh	16. Special Project*
	7. The Summer of '62	17. Review
	8. The War in the West	18. Test
	9. Quiz 2: The South Takes Control	19. Alternate Test*
	10. The Lost Orders	20. Glossary and Credits

Unit 3: Turning Point		
Civil War	Assignments	
	1. Leadership of Two Presidents	12. Quiz 2: A Nation Suffers
	2. Gettysburg	13. Grierson's Raid
	3. Pickett's Charge	14. Siege of Vicksburg
	4. The Gettysburg Address	15. Lee and Grant
	5. Project: Two Presidents	16. Quiz 3: Control of the West
	6. Quiz 1: The Turning Point	17. Special Project*
	7. Turmoil on the Home Front	18. Review
	8. Women Make a Difference	19. Test
	9. Effects of War	20. Alternate Test*
	10. African Americans in the Military	21. Glossary and Credits
	11. Project: Effects of War	

Unit 4: War in the South		
Civil War	Assignments	
	1. Leadership of Two Presidents	12. Quiz 2: A Nation Suffers
	2. Gettysburg	13. Grierson's Raid
	3. Pickett's Charge	14. Siege of Vicksburg
	4. The Gettysburg Address	15. Lee and Grant
	5. Project: Two Presidents	16. Quiz 3: Control of the West
	6. Quiz 1: The Turning Point	17. Special Project*
	7. Turmoil on the Home Front	18. Review
	8. Women Make a Difference	19. Test
	9. Effects of War	20. Alternate Test*
	10. African Americans in the Military	21. Glossary and Credits
	11. Project: Effects of War	

Unit 5: Reconstruction of a Nation		
Civil War	Assignments	
	1. Petersburg	10. Three New Amendments
	2. Richmond Falls	11. Life After Reconstruction
	3. Lee Surrenders	12. Project: Effects of Amendments
	4. Quiz 1: The War Ends	13. Quiz 3: American Paradigm Shift
	5. Triumph and Tragedy	14. Special Project*
	6. Reconstruction of a Nation	15. Review
	7. Reconstruction Begins	16. Test
	8. Project: History of Impeachment	17. Alternate Test*
	9. Quiz 2: Triumph and Tragedy	18. Glossary and Credits
Unit 6: Course Review and Exam		
Civil War	Assignments	
	1. Review (1)	3. Exam
	2. Review (2)	4. Alternate Exam*

## College Planner

College Planner is a one-semester high-school elective, with the following goals:

- guiding students in the entire college process
- planning for college
- selecting the right school
- the application process
- financial aid
- guiding students who may not be headed to college

The program focuses on the decision-making process of choosing a school, covering both the application process and financial requirements. Additionally, for those students who will not be attending college or university, the course surveys non-college options.

Upon completion of the course, students should be able to do the following:

- Articulate reasons for attending college and for choosing a specific institution over another.
- Identify the planning steps to be taken by students during each year of high school.
- Understand the basic differences between the SAT and ACT entrance exams, knowing how best to prepare for each one.
- Understand the major costs of attending college and what financial aid options are available.
- Identify post-high school options for individuals who will not be attending college.

Additionally, students will gain practice in report-writing, covering topics like God's plan, admissions essays, college costs, and more.

College Planner	Unit 1: My Educational Future	
	Assignments	
	1. Course Overview	7. Why Choose a Particular School?
	2. Who Are You and What Do You Want?	8. What Are Colleges Really Looking For?
	3. Report: God's Plan for You	9. Quiz 2: Making Educational Decisions
	4. Common Reasons to Go to College	10. Special Project*
	5. What's God's Will for My Educational Future?	11. Test
	6. Quiz 1: Education Goals	12. Reference

College Planner	Unit 2: Choosing a College	
	Assignments	
	1. What Type of School is Right for Me?	7. Project: Choose Your School
	2. Freshmen/Sophomores: Planning Calendars	8. Quiz 2: Narrowing Down the Choices
	3. Juniors/Seniors: Planning Calendars	9. Special Project*
	4. Quiz 1: Picking the Right School	10. Test
	5. Your Ideal School: Creating Your Long List	11. Reference
	6. Your Ideal School: Creating Your Short List	

Unit 3: Entrance Exams and Applications		
College Planner	Assignments	
	1. College Entrance Exams: The PSAT	7. Essay: Admissions Essay
	2. College Entrance Exams: The SAT Reasoning and SAT Subject Tests	8. Athletics and Fine Arts
	3. College Entrance Exams: The ACT	9. Quiz 2: The Application Process
	4. Quiz 1: Entrance Exams	10. Special Project*
	5. Applications and Recommendations	11. Test
	6. Admissions Essays	12. Reference
Unit 4: Paying for College		
College Planner	Assignments	
	1. What Does College Cost?	7. A Message to Parents (and Students)
	2. Project: The Costs of College	8. Quiz 2: Financial Aid
	3. How Much Will You Be Expected to Pay?	9. Special Project*
	4. Types of Financial Aid: Grants and Loans	10. Test
	5. Quiz 1: College Costs	11. Reference
	6. Types of Financial Aid: Scholarships and More	
Unit 5: Non-College Options		
College Planner	Assignments	
	1. Interviewing: Some Questions	7. Review
	2. Project: Your List of Questions*	8. Quiz 2: Other Options
	3. Mentoring	9. Special Project*
	4. Quiz 1: Getting Help with Questions	10. Test
	5. Other Options: Apprenticeship and Internship	11. Reference
	6. Other Options: Military	

## Consumer Math

Consumer Math is an introduction to the many ways in which math can be used in everyday life. The course gives practical advice on how to handle situations that involve money and math principles. Consumer Math focuses on the basic skills and methods of arithmetic and provides students the opportunity to develop experience with algebraic techniques of evaluating variables and equations, including geometric formulas and interest equations. Students will also be introduced to topics in statistics.

Upon completion of the course, students should be able to do the following:

- Use basic math operations on fractions, decimals, and percents.
- Interpret graphs and charts.
- Understand sets and basic set theory.
- Calculate simple probabilities.
- Calculate statistical measures of variation.
- Use similarity and right triangle ratios for indirect measurement.
- Calculate taxes, discounts, and interest amounts.
- Apply math to everyday concerns, as well as to the realms of business and government.

Unit 1: Basic Math Review	
Assignments	
Consumer Math	1. Course Overview
	2. Introduction
	3. Number Skills
	4. Signed Numbers and Measurement Scales
	5. A Consumer Application
	6. Division Review
	7. Quiz 1: Basic Operations
	8. Prime Numbers and Factors
	9. Factors and Products
	10. Fractions, LCM, and GCF
	11. Fractions
	12. Quiz 2: Fractions
	13. Adding and Subtracting Fractions
	14. Multiplying and Dividing Fractions
	15. Operations with Mixed Numbers
	16. Consumer Applications
	17. Quiz 3: Operations With Fractions
	18. A Ratio Scale, Decimals, and Number Bases
	19. Operations and Decimals
	20. Consumer Application, Metrics
	21. Quiz 4: Decimals
	22. Percent
	23. Base, Rate, Percentage
	24. Problem Solving
	25. Quiz 5: Percent
	26. Mental Problem Solving
	27. Final Review
	28. Special Project*
	29. Test: Basic Math Review
	30. Alternate Test: Basic Math Review*
	31. Reference

Unit 2: Personal Finance		
Consumer Math	Assignments	
	1. Money	12. Quiz 2: Wages
	2. Finding a Job	13. Self-Employment: Piecework
	3. Job Skills: Using Standard Units	14. Commission and Tips
	4. Job Skills: Using Metric Units	15. Retirement Planning
	5. Converting Systems	16. Quiz 3: Other Income
	6. Quiz 1: Job Skills	17. Story Problems with Review
	7. Part- and Full-Time Jobs	18. Special Project*
	8. Wages	19. Test: Personal Finance
	9. Payroll	20. Alternate Test: Personal Finance*
	10. Payroll Deductions	21. Reference
	11. Other Deductions	
Unit 3: Statistics		
Consumer Math	Assignments	
	1. Home Budget	13. Using the Standard Normal Distribution
	2. Organizing Data	14. Z-Scores and the Normal Distribution
	3. Sets and Probability (I)	15. Quiz 3: Measures of Variation
	4. Sets and Probability (II)	16. Sampling and Estimation
	5. Representing Data	17. A Balance Sheet
	6. Quiz 1: Data	18. Quiz 4: Balance Sheet
	7. Preparing a Cash Budget	19. Confidence Intervals
	8. Using Records in Planning	20. Unit Review
	9. A Home Business Application	21. Special Project*
	10. Quiz 2: Records	22. Test: Statistics
	11. Planning with Measures of Variations	23. Alternate Test: Statistics*
	12. Project: Using Statistics*	24. Reference
Unit 4: Taxes and Insurance		
Consumer Math	Assignments	
	1. Life Insurance	11. Quiz 2: Withholding
	2. Premiums	12. Taxes: Local
	3. Loans and Cash Value	13. Taxes: Other
	4. Health Insurance	14. Quiz 3: Taxes
	5. Project: Insurance*	15. Review
	6. Other Insurance	16. Special Project*
	7. Quiz 1: Insurance	17. Test: Taxes and Insurance
	8. Taxes: Federal 1040	18. Alternate Test: Taxes and Insurance*
	9. Taxes: FICA	19. Reference
	10. Taxes: State	

Unit 5: Banking Services and Investments		
Consumer Math	Assignments	
	1. Selecting a Bank	13. Mutual Funds
	2. Checking Accounts	14. Quiz 3: Investments
	3. Savings Accounts	15. Wills and Estates
	4. Quiz 1: Accounts	16. Project: Wills*
	5. Reconciling Statements	17. Distributing an Estate
	6. ATM'S	18. Quiz 4: Estate Planning
	7. Simple and Compound Interest	19. Review
	8. Other Services	20. Special Project*
	9. Quiz 2: Services	21. Test: Banking Services and Investments
	10. Financial Planning	22. Alternate Test: Banking Services and Investments*
	11. Stocks	23. Reference
	12. Bonds	
Unit 6: Banking and Credit Costs		
Consumer Math	Assignments	
	1. Overdraft Protection	10. Sequences, The Rule of 78
	2. Financing Large Purchases	11. Credit
	3. Interest First Loans	12. Credit Card Purchases
	4. Installment Loans	13. Quiz 3: Credit
	5. Quiz 1: Loans	14. Review
	6. The Annual Percentage Rate	15. Special Project*
	7. Automobile Loans	16. Test: Banking and Credit Costs
	8. Mortgages	17. Alternate Test: Banking and Credit Costs*
	9. Quiz 2: Mortgages	18. Reference
Unit 7: Purchase and Sale of Goods		
Consumer Math	Assignments	
	1. Purchasing and Variables	14. Quiz 3: Graphing and Comparing
	2. Discounts	15. Tabular Data Interpretation
	3. More Discounts	16. Depreciation Trends
	4. Markup	17. Buy, Lease, Rent (I)
	5. Quiz 1: Discounts and Markup	18. Buy, Lease, Rent (II)
	6. Graphs and Trends	19. Advertisements
	7. Cost Per Unit	20. Quiz 4: Interpreting Data
	8. Project: Buying Equipment*	21. Review
	9. Tables As Variables	22. Special Project*
	10. Quiz 2: Graphs and Tables	23. Test: Purchase and Sale of Goods
	11. Graphs, Functions, Slope	24. Alternate Test: Purchase and Sale of Goods*
	12. Project: Data Summaries*	25. Reference
	13. A Comparison Technique	

Unit 8: Leisure, Travel, and Retirement		
Consumer Math	Assignments	
	1. Leisure	11. Retirement Planning
	2. Free Activities	12. Comparing Travel Cost Benefits
	3. Hobbies	13. Project: Constructions*
	4. Angles	14. Quiz 3: Retirement and Comparing
	5. Outdoor Activities	15. Review
	6. Transportation and Travel	16. Special Project*
	7. Quiz 1: Leisure and Travel	17. Test: Leisure, Travel, and Retirement
	8. Physical Fitness	18. Alternate Test: Leisure, Travel, and Retirement*
	9. Vacations	19. Reference
	10. Quiz 2: Fitness and Vacations	
Unit 9: Job Related Services		
Consumer Math	Assignments	
	1. Ratio and Proportion	13. Solid Figures with Curved Boundaries
	2. Food Services	14. Mixture Problems
	3. Personal Appearance Services	15. Architects and Interior Design
	4. Pricing of Services	16. Quiz 3: Area and Volume
	5. Perimeter and Area	17. Geometry and Indirect Measure
	6. Quiz 1: Ratio, Proportion, and Formulas	18. Consumer Applications
	7. Facility Capacity Estimation	19. Quiz 4: Application Problems
	8. Applications	20. Review
	9. Circles	21. Special Project*
	10. Area Applications	22. Test: Job Related Services
	11. Quiz 2: Area	23. Alternate Test: Job Related Services*
	12. Solid Figures with Plane Boundaries	24. Reference
Unit 10: Consumer Math Review		
Consumer Math	Assignments	
	1. Review: Basic Math (I)	16. Quiz 3: Banking, Credit
	2. Review: Basic Math (II)	17. Review: Purchase and Sale of Goods (I)
	3. Review: Measurement	18. Review: Purchase and Sale of Goods (II)
	4. Review: Personal Finance (I)	19. Review: Travel
	5. Review: Personal Finance (II)	20. Quiz 4: Purchases, Sales, Travel
	6. Quiz 1: Basic Math, Measurement, Finances	21. Review: Leisure and Retirement
	7. Review: Budgeting (I)	22. Review: Geometry
	8. Review: Budgeting (II)	23. Review: Job Related Services
	9. Review: Insurance	24. Quiz 5: Leisure, Geometry, Services
	10. Review: Taxes	25. Extra Practice
	11. Quiz 2: Budgeting, Insurance, Taxes	26. Final Review
	12. Review: Banking and Investment (I)	27. Special Project*
	13. Review: Banking and Investment (II)	28. Test: Consumer Math Review
	14. Review: Banking and Credit Costs (I)	29. Alternate Test: Consumer Math Review*
	15. Review: Banking and Credit Costs (II)	30. Reference



## Digital Arts

Digital Arts is a semester-long elective designed to provide computer science students with an introduction to visualization-graphics programming on computers. To equip students for today's digitally driven lifestyle, this course focuses on using a digital camera and the practical application of digital imaging and editing programs. Additionally, students will work with audio-editing programs, and will also examine 3D technology and cinematography.

Throughout the course, students may be asked to answer questions or to reflect on what they've read in their notes. The notes are not graded. Rather, they are a way for students to extend their thinking about the lesson content. Students may keep handwritten or typed notes.

Unit 1: Digital Arts	
Assignments	
Digital Arts	1. Course Overview
	2. Introduction to Digital Arts
	3. Project: Introduction to Digital Arts
	4. Why Do We Study Digital Art?
	5. Digital Art as Mass Communication
	6. Project: Digital Art as Mass Communication
	7. Citizen Media
	8. Project: Citizen Media
	9. What is Digital Photography?
	10. Project: What is Digital Photography?
	11. How the Digital Camera Works
	12. Project: How the Digital Camera Works
	13. Shooting Technique
	14. Project: Shooting Technique
	15. Types of Photography
	16. Digital Image Editing
	17. Digital Image Editing Software
	18. Photoshop Express
	19. Project: Photoshop Express
	20. Show and Tell
	21. Project: Show and Tell
	22. Audio Recording and Playback
	23. Analog vs. Digital Audio
	24. Digital Audio Editing
	25. Project: Digital Audio Editing
	26. 2D Animation
	27. 3D Animation
	28. Project: 3D Animation
	29. 3D Animation - More Than Entertainment
	30. Digital SFX for Film and Video
	31. Project: Digital SFX for Film and Video
	32. Digital Video Revolution
	33. Project: Digital Video Revolution
	34. Digital Cinematography
	35. Post Production
	36. What's Next?
	37. Project: What's Next?
	38. Web Basics
	39. Introduction to Web Design
	40. Storyboarding
	41. Project: Introduction to Web Design
	42. Websites - Mixing Light Entertainment with Income Generation
	43. Project: Websites - Mixing Light Entertainment with Income Generation
	44. Digital Gaming - A Brief History
	45. Gaming Today
	46. Virtual Reality - Practical Applications
	47. Virtual Reality - Cutting Edge
	48. Project: Virtual Reality - Cutting Edge
	49. The Future of Digital Arts
	50. Project: The Future of Digital Arts
	51. Glossary and Credits

## Earth Science

Earth Science is a high school science course that explores Earth's structure, interacting systems, and place in the universe. The course uncovers concepts and processes found in:

- astronomy – Earth's place in and interaction with space,
- geology – physical structure and dynamic processes,
- meteorology – atmosphere, weather and climate, and
- oceanography – oceans and marine life.

Students will have the opportunity to evaluate and explore many scientific concepts by participating in interactive lab sessions, conducting hands-on activities, and completing projects designed to improve the understanding of Earth and its dynamic functions.

- **Dynamic Structure of Earth:** Students will explore the changes and cycles constantly affecting the Earth.
- **Forces and Features of Earth:** Students will learn about the forces at work on the Earth, such as earthquakes and volcanoes and how to use maps.
- **Features of Earth's Crust:** Students will learn about rocks, minerals and other resources.
- **Shaping Earth's Crust:** Students will explore the forces that shape the Earth's crust, such as weathering and erosion, and other constructive and destructive forces.
- **Earth's Water:** Students will explore the water cycle and the different bodies of water on the Earth.
- **Earth's Atmosphere:** Students will explore the make-up of the Earth's atmosphere and the impact of humans on the atmosphere.
- **Earth's Weather and Climate:** Students will explore weather and climate and how to measure and predict weather.
- **Astronomy:** Students will explore the solar system and other celestial bodies in the universe.

Unit 1: Dynamic Structure of Earth	
Earth Science	Assignments
	1. Course Overview
	2. Introduction to Earth Science
	3. Project: Research a Career
	4. A Unique Planet
	5. Project: Earth Comparisons
	6. Quiz 1: Introduction to Earth Science
	7. Layers of the Earth
	8. Project: Building a Model of the Earth
	9. Continental Drift
	10. Plate Tectonics
	11. Project: Mantle Convection
	12. Plate Boundaries
	13. Project: Plate Boundaries
	14. Quiz 2: Earth's Dynamic Internal Structure
Earth Science	15. The Spheres of Earth
	16. Project: Sphere Interaction Lab
	17. Geochemical Cycles: Cycles of Earth Materials
	18. Biogeochemical Cycles: Cycles of Life Materials
	19. Flow of Energy in Ecosystems
	20. Project: Flow of Energy
	21. Quiz 3: Earth's Dynamic External Structure
	22. Special Project*
	23. Review
	24. Test
	25. Alternate Test*
	26. Glossary and Credits
Unit 2: Forces and Features of Earth	
Earth Science	Assignments
	1. Force of Earthquakes
	2. Measuring The Force of Earthquakes
	3. Features of Earthquakes
	4. Project: Earthquake Features Lab
	12. Using Geologic Maps
	13. Using Topographic Maps
	14. Project: Mapping
	15. Project: Create a Topographic Map*

	5. Quiz 1: Earthquakes	16. Quiz 3: Identifying Features of Earth
	6. Force of Volcanoes	17. Special Project*
	7. Impact of Volcanoes	18. Review
	8. Prediction of Volcanoes	19. Test
	9. Features of Volcanoes	20. Alternate Test*
	10. Project: Volcanic Features Lab	21. Glossary and Credits
	11. Quiz 2: Volcanoes	

Unit 3: Features of Earth's Crust		
Earth Science	<b>Assignments</b>	
	1. Minerals	11. Quiz 2
	2. Project: Crystal Systems	12. Renewable Resources
	3. Mineral Identification	13. Nonrenewable Resources
	4. Project: Identifying a Mineral	14. Project: Nuclear Energy
	5. Quiz 1	15. Quiz 3
	6. Igneous Rocks	16. Special Project*
	7. Sedimentary Rocks	17. Review
	8. Metamorphic Rocks	18. Test
	9. The Rock Cycle	19. Alternate Test*
	10. Project: Identifying a Rock	20. Glossary and Credits

Unit 4: Shaping Earth's Crust		
Earth Science	<b>Assignments</b>	
	1. Weathering	10. Quiz 2: Weathering and Erosion
	2. Erosion	11. Destructive Forces
	3. Soil Formation	12. Constructive Forces
	4. Project: Soil Particles	13. Quiz 3: Destructive and Constructive Forces
	5. Quiz 1: Shaping the Surface	14. Special Project*
	6. Rivers and Waves	15. Review
	7. Gravity and Glaciers	16. Test
	8. Project: Ice Erosion	17. Alternate Test*
	9. Wind	18. Glossary and Credits

Unit 5: Semester Review and Exam		
Earth Science	<b>Assignments</b>	
	1. Review (1)	3. Exam
	2. Review (2)	4. Alternate Exam*

Unit 6: Earth's Water		
Earth Science	Assignments	
	1. The Water Cycle	12. Ocean Water
	2. Project: Water Purification	13. Experiment: Fresh Water vs. Saltwater
	3. Water Basics	14. Waves and Tides
	4. Water Distribution	15. Currents
	5. Project: Water Conservation	16. Quiz 3
	6. Quiz 1	17. Special Project*
	7. Groundwater	18. Review
	8. Experiment: Porosity and Permeability	19. Test
	9. Lakes and Rivers	20. Alternate Test*
	10. Glaciers and Ice Caps	21. Glossary and Credits
	11. Quiz 2	

Unit 7: Earth's Atmosphere		
Earth Science	Assignments	
	1. Importance of the Atmosphere	11. Alternate Project: Barometers*
	2. Structure of the Atmosphere	12. Quiz 2: Earth-Sun Relationships
	3. Project: Layers of the Atmosphere	13. Air Pollution
	4. Quiz 1: The Atmosphere	14. Project: Greenhouse Effect
	5. Atmospheric Cycles	15. Quiz 3: Human Relationship
	6. Solar Interaction	16. Special Project*
	7. Project: Solar Energy	17. Review
	8. Alternate Project: Temperature*	18. Test
	9. Air Pressure and Winds	19. Alternate Test*
	10. Project: Air Circulation	20. Glossary and Credits

Unit 8: Earth's Weather and Climate		
Earth Science	Assignments	
	1. Weather and Climate	12. Project: Research Your Climate
	2. Project: Weather or Climate?	13. Quiz 2: Causes of Weather and Climate
	3. Clouds and Precipitation	14. Weird Weather
	4. Project: Clouds and Weather	15. Measuring Weather
	5. Project: Clouds and Rain*	16. Project: Predict the Weather
	6. Air Masses and Fronts	17. Quiz 3: Predicting Weather
	7. Quiz 1: Weather Factors of the Sky	18. Special Project*
	8. Solar Power	19. Review
	9. Project: Control the Weather*	20. Test
	10. Geographical Effects	21. Alternate Test*
	11. Climate Regulation and Change	22. Glossary and Credits

Unit 9: Astronomy	
Earth Science	Assignments
	1. Earth's Place in the Solar System
	2. Project: Scale of the Solar System
	3. Planetary Motion
	4. Ability to Orbit
	5. Project: Newton's Law
	6. Earth's Motion, Seasons, and Moon
	7. Quiz 1: Solar System
	8. Characteristics of Stars
	9. Structure of the Sun
	10. Galaxies
	11. Project: Identifying Galaxies
	12. Quiz 2: Stars and Galaxies
	13. Special Project*
	14. Review
	15. Test
	16. Alternate Test*
	17. Glossary and Credits
Unit 10: Semester Review and Exam	
Earth Science	Assignments
	1. Review (1)
	2. Review (2)
	3. Exam
	4. Alternate Exam*

## Essentials of Business

This semester-long course is an introduction to the goals, processes, and operations of business enterprises for students. The main focus is on the functions that a company – whether a multinational corporation or a corner grocery store – must manage effectively to be successful. These include accounting, finance, human resource management, marketing, operations management, and strategic planning. Attention is also given to the legal environment in which businesses operate, and the importance of business ethics and corporate citizenship.

Throughout the course, students may be asked to answer questions or to reflect on what they've read in their notes. The notes are not graded. Rather, they are a way for students to extend their thinking about the lesson content. Students may keep handwritten or typed notes.

Upon completion of the course, students should be able to do the following:

- Apply business concepts to their lives
- Compare and contrast market economies with controlled economy
- Describe the six areas of human resource management
- List and define the legal forms of business ownership
- Name and describe the components of successful business communication
- Analyze ways in which technology is changing business operations

Unit 1: Essentials of Business		
Assignments		
Essentials of Business	1. Course Overview	23. Consumer Rights
	2. Principles of Training	24. Project: Consumer Rights
	3. Your Role in Business	25. Business Leadership Skills
	4. Project: Your Role in the Business	26. Project: Business Leadership Skills
	5. Business Career Choices	27. Group Dynamics in the Business Setting
	6. Project: Business Career Choices	28. Team-Building Skills in Business
	7. Selling Yourself	29. Business Ethics
	8. Project: Selling Yourself	30. Project: Business Ethics
	9. Market-Based Economy	31. Business Etiquette
	10. Business Economics Wants vs. Needs	32. Methods of Business Communication
	11. Unlimited Wants vs. Limited Resources	33. Verbal and Nonverbal Business Communication
	12. Project: Unlimited Wants vs Limited Resources	34. Business Letters and Memos
	13. Human Resources	35. Project: Business Letters and Memos
	14. Marketing and Advertising	36. Business Presentations and Delivery
	15. Project: Marketing and Advertising	37. Business Technology
	16. Sales Techniques and Careers	38. Use of Technology in Business
	17. Project: Sales Techniques and Careers	39. Project: Use of Technology in Business
	18. Business Structures	40. Channels of Business Communication
	19. Management	41. Role of Future Business Leaders of America
	20. Finance Options, Credit Use, and Banking	42. Project: Role of Future Business Leaders of America
	21. Project: Finance Options, Credit Use, and Banking	43. Glossary and Credits
	22. Recordkeeping Money and Asset Management	

## Essentials of Communication

Essentials of Communication: A Guide to Interacting Effectively in Today's World™ is a five-unit elective course for high school students. The materials cover fundamentals of the communication process important for successful interaction in a variety of social and professional settings. Students can use the course to gain and apply knowledge about communication theories, characteristics of language and language use, interpersonal relationships, group dynamics, and public speaking in order to interact more effectively with others.

The course seeks to help students expand their knowledge and skills as communicators so that they may achieve the following goals:

- Know and understand aspects of communication theories and processes appropriate to both social and professional settings.
- Use interpersonal communication strategies appropriately in social and professional settings.
- Effectively communicate in social and professional group settings.
- Plan, prepare, deliver, and evaluate formal and informal personal and professional presentations.

In attaining these goals, students will be better equipped to use communication to hone other life skills, including exchanging information, fulfilling social obligations, developing relationships, and understanding and meeting the needs of others.

Unit 1: Communication Foundations		
Essentials of Communication	Assignments	
	1. Course Overview	15. Perception and Communication Competence
	2. Introduction to Communication	16. Project: Perception Checking
	3. Types of Communication	17. Quiz 2: Perception and Communication
	4. Project: Communication Log	18. Self and Communication
	5. The Importance of Communication	19. Project: Looking Inward*
	6. Project: Reflection*	20. Self-Concept and Competent Communication
	7. Becoming a Competent Communicator	21. Project: Changing Your Self-Concept*
	8. Project: Evaluating Communication Competence	22. Self-Disclosure
	9. Project: Ethical Principles of Communication*	23. Quiz 3: Self and Communication
	10. Quiz 1: Discovering the Foundations of Effective Communication	24. Special Project*
	11. Introduction to Perception	25. Review
	12. Project: Three Stages of Perception*	26. Test
	13. Influences on Perception	27. Alternate Test*
	14. Project: Overcoming Perception Influences*	28. Glossary and Credits

Unit 2: Language Characteristics		
Essentials of Communication	Assignments	
	1. The Nature of Language	14. Quiz 2: Nonverbal Communication
	2. Language in Social Settings	15. The Listening Process
	3. Project: Recognizing In-Language*	16. Listening Styles
	4. The Functions of Language	17. Project: Using Listening Styles
	5. Project: Using Responsible Language	18. Listening Barriers
	6. Quiz 1: Language	19. Project: Listening Strategies
	7. Nonverbal Communication	20. Quiz 3: Listening
	8. Project: Recognizing Nonverbal Behavior	21. Special Project*
	9. The Functions of Nonverbal Communication	22. Review
	10. Types of Nonverbal Communication	23. Test
	11. Project: Ethics and Impressions	24. Alternate Test*
	12. Competent Nonverbal Communication	25. Glossary and Credits
	13. Project: Observing Nonverbal Communication	
Unit 3: Interpersonal Relationships		
Essentials of Communication	Assignments	
	1. Types of Interpersonal Relationships	15. E-mail Etiquette
	2. Relationship Stages	16. Criticism
	3. Project: Applying Knapp's Relational Model	17. Project: Expressing Yourself Politely*
	4. Fluctuations in Relationship Development	18. Quiz 3: Etiquette for Interpersonal Communication
	5. Quiz 1: Interpersonal Relationships	19. Interviewing
	6. Conversation	20. Preparing for an Interview
	7. Project: Are You a Good Conversationalist?*	21. Project: Preparing for a Job Interview*
	8. Conversation Management	22. Quiz 4: Interviewing
	9. Project: Practicing Cues	23. Special Project*
	10. The Basics of Conversational Competence	24. Review
	11. Quiz 2: Interpersonal Communication: Conversation	25. Test
	12. Etiquette for Introductions	26. Alternate Test*
	13. Project: Introductions	27. Glossary and Credits
	14. Telephone Etiquette	
Unit 4: Understanding Groups		
Essentials of Communication	Assignments	
	1. The Small Group	11. Project: Identifying Leadership Styles
	2. Small Group Types and Formats	12. Leadership Functions
	3. Project: Brainstorming	13. Project: Evaluating Group Effectiveness
	4. Organizations	14. Quiz 3: Group Leadership and Evaluation
	5. Quiz 1: Group Communication	15. Special Project*
	6. Factors Affecting Group Dynamics	16. Review
	7. Individual Competence in Groups	17. Test
	8. Problem Solving in Groups	18. Alternate Test*
	9. Quiz 2: Group Dynamics	19. Glossary and Credits
	10. Leadership Styles	



Unit 5: Presenting and Interpreting Public Messages		
Essentials of Communication	Assignments	
	1. Determining the Purpose and Choosing a Topic	17. Preparing Your Notes and Cues
	2. Project: Defining Topic and Purpose	18. Project: Developing Speaking Notes
	3. Project: Developing a Thesis Statement	19. Quiz 3: Organizing Speeches
	4. Defining Your Audience	20. Preparing to Deliver a Speech
	5. Project: Defining Your Audience	21. Project: Rehearsing Your Speech
	6. Project: Developing a Preliminary Outline	22. Dealing with Apprehension
	7. Quiz 1: Preparing Speeches	23. Delivering Group Presentations and Evaluating Speeches
	8. Research	24. Project: Delivering and Evaluating Your Speech
	9. Project: Conducting Research	25. Quiz 4: Delivering and Evaluating Speeches
	10. Supporting Materials	26. Special Project*
	11. Presenting the Topic Visually	27. Review
	12. Project: Revising and Expanding the Outline	28. Test
	13. Quiz 2: Supporting Speeches	29. Alternate Test*
	14. Selecting an Organizational Pattern	30. Glossary and Credits
	15. Outlining a Speech	
	16. Project: Developing Your Outline	
Unit 6: Course Review and Exam		
EOC	Assignments	
	1. Review	3. Alternate Exam*
	2. Exam	

## Family and Consumer Science

Family and Consumer Science is a 10-unit elective that uses biblical principles to help high school students develop positive self-esteem and learn to successfully navigate relationships with family, friends, co-workers, and even those in the marketplace. The curriculum introduces students to character and appearance from a biblical perspective. The material also teaches about nutrition, clothing styles, home care and hospitality, personal finance, and child development and care.

Through this course, students will do the following:

- Examine specific principles that will help develop their personal lives from a Christian perspective.
- Learn about proper nutrition and demonstrate skill in preparing various food items.
- Identify the purposes for making specific choices in clothes.
- Prepare weekly and monthly budgets.
- Develop skills necessary to care for children ranging from birth to young school-age.
- Develop an understanding of relational dynamics with family members, friends, classmates, co-workers, and those encountered in the marketplace.

Unit 1: Christian Character and Appearance	
Family and Consumer Science	Assignments
	1. Course Overview
	2. Inner Beauty: Character Qualities
	3. Biblical Principles vs. Personal Preferences
	4. Personality Strengths and Weaknesses
	5. Project: Identify Your Strengths and Weaknesses
	6. Quiz 1
	7. Physical Beauty: Health
	8. Project: Self-Evaluation Quiz
	9. Nutrition and Exercise
	10. Hygiene
	11. Grooming
	12. Project: Posture
	13. Quiz 2
	14. Behavioral Beauty: Actions
	15. Communication
	16. Quiz 3
	17. Special Project*
	18. Test
	19. Alternate Test*
	20. Reference

  

Unit 2: What's Cookin'?	
Family and Consumer Science	Assignments
	1. Getting Acquainted with the Kitchen
	2. Utensils
	3. Project: Kitchen Tools*
	4. Kitchen Safety
	5. Quiz 1
	6. Recipes
	7. Measuring Ingredients
	8. Quiz 2
	9. Meal Management
	10. Reading Labels
	11. Food Storage
	12. Quiz 3
	13. Special Project*
	14. Test
	15. Alternate Test*
	16. Reference

Unit 3: Let's Eat		
Family and Consumer Science	Assignments	
	1. Nutrition	18. Breads
	2. Vitamins	19. Project: Bake Bread*
	3. Project: Nutrient Guide	20. Quiz 2
	4. My Plate	21. Meal Planning
	5. Heart Healthy Eating and Special Diets	22. Project: Menu for a Week
	6. Quiz 1	23. Making a Grocery List
	7. Food Preparation	24. Quiz 3
	8. Vegetables	25. Food Service
	9. Fruits and Milk	26. Table Setting
	10. Meat, Poultry, Fish	27. Table Waiting
	11. Project: Beef or Vegetable Stew	28. Project: Plan Meals
	12. Soups, Salads, and Garnishes	29. Quiz 4
	13. Project: Prepare a Salad or Soup*	30. Special Project*
	14. Baking	31. Test
	15. Project: Cookies	32. Alternate Test*
	16. Project: Scratch Cake*	33. Reference
	17. Project: Bake a Pie*	
Unit 4: The Clothes You Wear		
Family and Consumer Science	Assignments	
	1. The Clothes You Wear	13. Textiles and Fabrics
	2. Fashion Knowledge	14. Man-Made Fibers
	3. Project: Style, Fad, and Fashion	15. Quiz 3
	4. Project: Draped, Tailored, Composite*	16. Care of Clothes
	5. Clothing Business Terms	17. Project: Sewing Skills*
	6. Project: Wardrobe Inventory	18. Emergency Repairs
	7. Quiz 1	19. Laundering
	8. Design and Appearance	20. Quiz 4
	9. Garment Styles and Parts	21. Special Project*
	10. Clothes for You	22. Test
	11. Project: Garment Design*	23. Alternate Test*
	12. Quiz 2	24. Reference

Unit 5: The Clothes You Sew		
Family and Consumer Science	Assignments	
	1. Sewing Equipment	16. Quiz 2
	2. Sewing Machines	17. Selecting Pattern, Fabric, and Notions
	3. Safety	18. Project: Measuring for Fit*
	4. Project: Calamity Claire	19. The Language of Patterns
	5. Quiz 1	20. Pattern
	6. Basic Sewing	21. Quiz 3
	7. Project: Sewing Seams	22. Layout, Cutting, Marking, and Pressing
	8. Machine Stitches	23. Project: Tracing Patterns
	9. Project: Sewing Stitches by Machine	24. Project: Sewing Project
	10. Seams and Seam Finishes	25. Quiz 4
	11. Project: Sewing Curved Seams*	26. Special Project*
	12. Darts, Tucks, Pleats, Gatherings, and Facings	27. Test
	13. Project: Darts*	28. Alternate Test*
	14. Closures	29. Reference
	15. Project: Zippers	
Unit 6: Interior Decorating		
Family and Consumer Science	Assignments	
	1. A Brief History of Interior Decoration	14. Wall Treatments
	2. English Design	15. Lighting
	3. Traditional American Design	16. Quiz 3
	4. Project: Time Periods	17. Visual Enrichment
	5. Quiz 1	18. Project: Model Home Field Trip*
	6. Introduction to Design and Decoration	19. Project: Design Notebook
	7. Line	20. Sewing for the Home
	8. Project: Floor Plan Measurements	21. Project: Pillow Project*
	9. Project: Furniture Placement	22. Quiz 4
	10. Project: Room Design	23. Special Project*
	11. Project: Spirit of the Room	24. Test
	12. Quiz 2	25. Alternate Test*
	13. Specific Treatments	26. Reference
Unit 7: Your Home and You		
Family and Consumer Science	Assignments	
	1. Hospitality	11. Project: Cleaning Schedule
	2. Types of Entertainment	12. Basic Tools
	3. Project: Party Planning	13. Project: Home Repair
	4. Overnight Guests	14. Auto Care and Repair
	5. Project: Thank You Notes	15. Project: Auto Service Check*
	6. Quiz 1	16. Quiz 3
	7. Etiquette	17. Special Project*
	8. Dating Etiquette	18. Test
	9. Quiz 2	19. Alternate Test*
	10. Home Management	20. Reference

Unit 8: Financial Freedom		
Family and Consumer Science	Assignments	
	1. Getting a Job	11. Project: Purchase Agreements
	2. Project: Application	12. Insurance and Income Tax
	3. The Résumé	13. Quiz 2
	4. Quiz 1	14. Legal Matters, Forms, and Contracts
	5. Personal Finance	15. Purchasing and Owning a Car
	6. Personal Banking and Investment	16. Quiz 3
	7. Personal Budgeting	17. Special Project*
	8. Project: Financial Goals	18. Test
	9. Project: Spending Patterns	19. Alternate Test*
	10. Social Security	20. Reference
Unit 9: Child Development and Care		
Family and Consumer Science	Assignments	
	1. Ages and Stages	15. Project: Finger Painting
	2. Intellect (Wisdom)	16. Science
	3. Social, Emotional, and Spiritual	17. Quiz 2
	4. Project: Observing Children	18. Safety and First Aid
	5. Quiz 1	19. Three Common Children's Conditions
	6. Care of Children	20. Quiz 3
	7. Project: Diaper Changing*	21. The Business of Babysitting
	8. Creative Child Care	22. Information You Need
	9. Activities	23. Quiz 4
	10. Project: Toy Evaluation	24. Special Project*
	11. Project: Making a Toy	25. Test
	12. Literature	26. Alternate Test*
	13. Project: Children's Story	27. Reference
	14. Music	
Unit 10: Relationships		
Family and Consumer Science	Assignments	
	1. At Home	14. Quiz 4
	2. Siblings	15. Choosing the Right Mate
	3. Quiz 1	16. Project: Psalm 37:4
	4. At School and Work	17. Dating
	5. Teachers	18. Marriage
	6. Boss and Co-Workers	19. Project: Short Essay
	7. Project: Random Act of Kindness*	20. Parental Involvement
	8. Project: Food for Thought	21. Quiz 5
	9. Quiz 2	22. Special Project*
	10. At Church	23. Test
	11. The Family's Responsibility to the Church	24. Alternate Test*
	12. Quiz 3	25. Reference

## Foundations for Living

Foundations for Living is an elective for high school students. Designed specifically with 11th and 12th graders in mind, Foundations for Living provides a Bible-based, sequential development of a Christian worldview through the use of fundamental truths from the Bible and the application of biblical principles to the various areas of contemporary life. The course aims to pull all of a student's education together into a unified whole, preparing them for their new adventures beyond high school in the home, church, college, and society.

Throughout this course, students will build the skills and knowledge needed to in order to do the following:

- Understand the unique identity of the Christian worldview.
- Observe how all truth properly fits together into the Christian worldview.
- Discern the difference between Christian and non-Christian worldviews.
- Think and live with discernment and conviction.
- Recognize how the world's philosophies of the past affect contemporary thinking and living.
- Judge and assess any issue using a biblical model.

Unit 1: What is a Biblical Worldview?		
Foundations for Living	Assignments	
	1. Course Overview	10. Project: Promises of God*
	2. Introduction to Worldview	11. Quiz 2: The Ancient Hebrew Worldview
	3. Ancient Greek Worldview: Government	12. Conflicting Worldviews
	4. Ancient Greek Worldview: Religion	13. Dualism
	5. Ancient Greek Worldview: Philosophy	14. Quiz 3: Conflicting Worldviews
	6. Quiz 1: The Ancient Greek Worldview	15. Special Project*
	7. Ancient Hebrew Worldview: Religion	16. Test: What is a Biblical Worldview?
	8. Ancient Hebrew Worldview: Government	17. Alternate Test: What is a Biblical Worldview?*
	9. Ancient Hebrew Worldview: Theology	18. Reference
Unit 2: Presuppositions		
Foundations for Living	Assignments	
	1. Assumptions and Presuppositions: Introduction	8. God's Communication of His Standards to Us
	2. Assumptions and Presuppositions: Communication Difficulties	9. Understanding Repentance and God's Grace
	3. Moral Relativism	10. The Relationship of Law and Grace
	4. Moral Absolutism	11. Quiz 2: Truth and Morality
	5. Quiz 1: Assumptions and Presuppositions	12. Special Project*
	6. The Basis for Truth	13. Test: Presuppositions
	7. The Basis for Morality	14. Alternate Test: Presuppositions*
		15. Reference

Unit 3: The Doctrines of the Bible	
Foundations for Living	Assignments
	1. The Doctrines of the Bible
	2. Different View of Inspiration
	3. Scriptural Support for Plenary Inspiration
	4. Quiz 1: The Inspiration of Scripture
	5. God's Natural Attributes
	6. God's Moral Attributes
	7. Quiz 2: The Attributes of God
	8. The Inerrancy of Scripture
	9. The Infallibility of Scripture
	10. The Authority of Scripture
	11. The All-Sufficiency of Scripture
	12. The Illumination of the Holy Spirit
	13. Quiz 3: The Authority of God's Word
	14. Special Project*
	15. Test: The Doctrines of the Bible
	16. Alternate Test: The Doctrines of the Bible*
	17. Reference

Unit 4: God's Creation	
Foundations for Living	Assignments
	1. Who Owns the World?
	2. God's Providential Control Over the World
	3. What is Man?
	4. The Attributes of God and Man
	5. Quiz 1: The Sovereignty of the Creator
	6. Loving God and Loving Others
	7. The Sanctity of Human Life
	8. People with a Purpose
	9. The Great Commission
	10. Fulfilling the Great Commission
	11. Quiz 2: The Sanctity and Purpose of Human Life
	12. Special Project*
	13. Test: God's Creation
	14. Alternate Test: God's Creation*
	15. Reference

Unit 5: Head of the Family	
Foundations for Living	Assignments
	1. A Special Relationship with God
	2. The Fatherhood of God - Part 1
	3. The Fatherhood of God - Part 2
	4. Quiz 1: Head of the Family
	5. Loving Leadership
	6. Characteristics of a Godly Man - Part 1
	7. Characteristics of a Godly Man - Part 2
	8. Quiz 2: Head of the Family
	9. Special Project*
	10. Test: Head of the Family
	11. Alternate Test: Head of the Family*
	12. Reference

Unit 6: The Bible and Marriage	
Foundations for Living	Assignments
	1. Necessary Ingredients for a Successful Marriage
	2. An Essential Foundation for a Successful Christian Marriage
	3. Additional Factors to Consider for a Successful Christian Marriage
	4. Quiz 1: The Successful Christian Family
	5. The Role of Husbands and Wives in a Christian Home
	6. The Role of Children in a Christian Home
	7. Quiz 2: Roles of Family Members
	8. Role Conflicts in Our Culture
	9. Learned Behavior Problems in the Family
	10. Quiz 3: Role Conflicts in Our Culture
	11. Special Project*
	12. Test: The Bible and Marriage
	13. Alternate Test: The Bible and Marriage*
	14. Reference

Unit 7: Dating to Matrimony	
Foundations for Living	Assignments
	1. Recreational Dating
	2. Dating Practices from Bible Times to Modern Times
	3. Negative Tendencies in Dating
	4. Recreational Dating and the Christian Response
	5. Quiz 1: Dating vs. Courtship
	6. Making a Commitment
	7. Lessons from a Wedding Ceremony
	8. Quiz 2: Making a Commitment
	9. The Engagement Period
	10. Resolving Conflicts
	11. Quiz 3: The Engagement
	12. Special Project*
	13. Test: Dating and Matrimony
	14. Alternate Test: Dating and Matrimony*
	15. Reference

Unit 8: Christian Education	
Foundations for Living	Assignments
	1. Created to Learn
	2. Created to Teach
	3. The Foundation of all Education
	4. General Revelation
	5. Special Revelation
	6. Quiz 1: Created to Learn
	7. Filtering Facts
	8. Learning in and from Our Environment
	9. Application of Truth
	10. Quiz 2: Filtering Facts and Applying the Truth
	11. Special Project*
	12. Test: Christian Education
	13. Alternate Test: Christian Education*
	14. Reference

Unit 9: Art, Music, and Politics	
Foundations for Living	Assignments
	1. A Christian Worldview in the Arts
	2. Christian Art through History
	3. Music, a Gift from God
	4. The Art Form of Literature
	5. Quiz 1: A Christian Worldview in the Arts
	6. Civil Government
	7. The Concerns and Strategies of Politics
	8. Christian Involvement in Politics
	9. Quiz 2: A Christian Worldview in Politics
	10. Special Project*
	11. Test: Art, Music, and Politics
	12. Alternate Test: Art, Music, and Politics*
	13. Reference

Unit 10: Putting it All Together	
Foundations for Living	Assignments
	1. Biblical Faith
	2. Biblical Eyes
	3. Biblical Strategies and their Application
	4. Quiz 1: Applying a Biblical Worldview
	5. Unit 1 Review: What is a Biblical Worldview?
	6. Unit 2 Review: Assumptions and Presuppositions
	7. Unit 3 Review: The Doctrines of the Bible
	8. Unit 4 Review: God's Creation
	9. Unit 5 Review: Head of the Family
	10. Unit 6 Review: The Bible and Marriage
	11. Unit 7 Review: Dating to Matrimony
	12. Unit 8 Review: Christian Education
	13. Unit 9 Review: Art, Music, and Politics
	14. Quiz 2: Review
	15. Special Project*
	16. Test: Putting it All Together
	17. Alternate Test: Putting it All Together*
	18. Reference



## French I

In French 1, students begin to develop competence in four basic skill areas: listening, speaking, reading, and writing. While developing communicative competence in French, students gain and expand their knowledge of francophone countries and cultures.

Emphasis is placed on learning the present tense, the near future and the past tense in French I through thematically designed units. Topics include home, school, family, holidays, and daily and leisure activities.

Students develop the ability to:

- greet and respond to greetings
- introduce and respond to introductions
- engage in conversations on several themes
- express likes and dislikes
- make requests
- obtain information
- understand some ideas and familiar details
- begin to provide information.

By the end of French I, students will:

- communicate minimally by using short sentences, learned words and phrases, and simple questions and commands when speaking and writing.
- understand some ideas and familiar details presented in clear, uncomplicated speech when listening.
- understand short texts enhanced by visual clues when reading.

Unit 1: Bienvenue		
French I	Assignments	
	1. Course Overview	1. Course Overview
	2. Bienvenue au monde francophone	2. Welcome to the Francophone World
	3. Les salutations	3. Greetings
	4. L'alphabet et les accents	4. Alphabet and Accents
	5. Les nombres de 0 à 60	5. Numbers from 0 to 60
	6. Interrogation 1 : Les présentations	6. Quiz 1: Introductions
	7. Interrogation alternative – Version A : Les présentations*	7. Alternate Quiz - Form A: Introductions*
	8. Interrogation alternative – Version B : Les présentations*	8. Alternate Quiz - Form B: Introductions*
	9. Un pays divers	9. A Diverse Country
	10. Etre: To Be or Not to Be	10. Être: To Be or Not to Be
	11. D'où es-tu ?	11. Where Are You From?
	12. Masculin ou féminin	12. Masculine or Feminine
	13. Un autoportrait	13. A Self-Portrait
	14. Interrogation 2 : Les descriptions	14. Quiz 2: Descriptions
	15. Interrogation alternative - Version A : Les descriptions*	15. Alternate Quiz - Form A: Descriptions*
	16. Interrogation alternative - Version B : Les descriptions*	16. Alternate Quiz - Form B: Descriptions*
	17. Dossier : le monde francophone	17. Project: The Francophone World
	18. Dossier spécial*	18. Special Project*
	19. Révision	19. Review
	20. Contrôle : Bienvenue	20. Test: Welcome
	21. Contrôle alternatif - Version A : Bienvenue*	21. Alternate Test – Form A: Welcome*
	22. Contrôle alternatif - Version B : Bienvenue*	22. Alternate Test – Form B: Welcome*
	23. Glossaire et références	23. Glossary and Credits

Unit 2: Au Lycée		
French I	Assignments	
	1. En classe	1. In the Classroom
	2. Avoir	2. To Have
	3. Les expressions avec avoir	3. Expressions with to Have
	4. Les expressions utilisées à l'école	4. School Expressions
	5. Interrogation 1 : En classe	5. Quiz 1: In Class
	6. Interrogation alternative - Version A : En classe*	6. Alternate Quiz - Form A: In Class*
	7. Interrogation alternative - Version B : En classe*	7. Alternate Quiz - Form B: In Class*
	8. Le système éducatif en France	8. The Educational System in France
	9. Les matières	9. School Subjects
	10. Les verbes -er	10. -Er Verbs
	11. La construction infinitive	11. Infinitive Construction
	12. Les structures interrogatives	12. Interrogative Structures
	13. Interrogation 2 : Au lycée en France	13. Quiz 2: High School in France
	14. Interrogation alternative - Version A : Au lycée en France*	14. Alternate Quiz - Form A: High School in France*
	15. Interrogation alternative - Version B : Au lycée en France*	15. Alternate Quiz - Form B: High School in France*
	16. Emploi du temps	16. Schedule
	17. Quelle heure est-il ?	17. What Time Is It?
	18. Quelle est la date d'aujourd'hui ?	18. What Is the Date Today?
	19. Les chiffres de 60 à 100	19. Numbers from 60 to 100
	20. Dossier : Ton emploi de temps	20. Project: Your Schedule
	21. Interrogation 3 : La date et l'horaire	21. Quiz 3: Date and Time
	22. Interrogation alternative - Version A : La date et l'horaire*	22. Alternate Quiz - Form A: Date and Time*
	23. Interrogation alternative - Version B : La date et l'horaire*	23. Alternate Quiz - Form B: Date and Time*
	24. Dossier spécial*	24. Special Project*
	25. Révision	25. Review
	26. Contrôle : Au lycée	26. Test: At High School
	27. Contrôle alternatif - Version A : Au lycée*	27. Alternate Test – Form A: At High School*
	28. Contrôle alternatif - Version B : Au lycée*	28. Alternate Test – Form B: At High School*
	29. Glossaire et références	29. Glossary and Credits

Unit 3: La Famille et les Amis		
French I	Assignments	
	1. Les structures familiales en France	1. Familial Structures in France
	2. La famille	2. Family
	3. Les adjectifs possessifs	3. Possessive Adjectives
	4. L'apparence physique	4. Physical Appearance
	5. Les expressions interrogatives	5. Interrogative Expressions
	6. Dossier : Votre arbre généalogique	6. Project: Your Family Tree
	7. Interrogation 1 : La famille	7. Quiz 1: Family
	8. Interrogation alternative - Version A : La famille*	8. Alternate Quiz - Version A: Family*
	9. Interrogation alternative - Version B : La famille*	9. Alternate Quiz - Version B: Family*
	10. L'amitié	10. Friendship
	11. Les adjectifs	11. Adjectives
	12. Les adjectifs irréguliers	12. Irregular Adjectives
	13. Les adjectifs qui précèdent le nom	13. Adjectives That Precede the Noun
	14. Dossier : Un ami idéal	14. Project: An Ideal Friend
	15. Interrogation 2 : Les amis	15. Quiz 2: Friends
	16. Interrogation alternative - Version A : Les amis*	16. Alternate Quiz - Version A: Friends*
	17. Interrogation alternative - Version B : Les amis*	17. Alternate Quiz - Version A: Friends*
	18. Dossier spécial*	18. Special Project*
	19. Révision	19. Review
	20. Contrôle : La famille et les amis	20. Test:: Family and Friends
	21. Contrôle alternatif - Version A : La famille et les amis*	21. Alternate Test – Form A: Family and Friends*
	22. Contrôle alternatif - Version B : La famille et les amis*	22. Alternate Test – Form B: Family and Friends*
	23. Glossaire et références	23. Glossary and Credits

Unit 4: Les Loisirs et les Sports		
French I	Assignments	
	1. Les loisirs en France	1. Leisure Activities in France
	2. Les passe-temps	2. Hobbies
	3. Faire	3. To Do or to Make
	4. Les verbes et les adverbes	4. Verbs and Adverbs
	5. Dossier : Un correspondant français	5. Project: A French Correspondent
	6. Interrogation 1 : Les loisirs	6. Quiz 1: Leisure Activities
	7. Interrogation alternative - Version A : Les loisirs*	7. Alternate Quiz - Form A: Leisure Activities*
	8. Interrogation alternative - Version B : Les loisirs*	8. Alternate Quiz - Form B: Leisure Activities*
	9. Les sports en France	9. Sports in France
	10. Les sports	10. Sports
	11. Plus d'adverbes	11. More Adverbs
	12. Provence-Alpes-Côte d'Azur	12. Provence-Alps-French Riviera
	13. Dossier : les jeux Olympiques	13. Project: The Olympic Games
	14. Interrogation 2 : Les sports	14. Quiz 2: Sports
	15. Interrogation alternative - Version A : Les sports*	15. Alternate Quiz - Version A: Sports*
	16. Interrogation alternative - Version B : Les sports*	16. Alternate Quiz - Version B: Sports*
	17. Le temps	17. Weather
	18. Les saisons	18. Seasons
	19. Dossier : Une prévision météorologique	19. Project: A Weather Forecast
	20. Interrogation 3 : La météo	20. Quiz 3: Weather
	21. Interrogation alternative - Version A : La météo*	21. Alternate Quiz - Version A: Weather*
	22. Interrogation alternative - Version B : La météo*	22. Alternate Quiz - Version B: Weather*
	23. Dossier spécial*	23. Special Project*
	24. Révision	24. Review
	25. Contrôle : Les loisirs et les sports	25. Test: Hobbies and Sports
	26. Contrôle alternatif - Version A : Les loisirs et les sports*	26. Alternate Test – Form A: Hobbies and Sports*
	27. Contrôle alternatif - Version B : Les loisirs et les sports*	27. Alternate Test – Form B: Hobbies and Sports*
	28. Glossaire et références	28. Glossary and Credits

Unit 5: Les Fêtes et les Traditions		
French I	Assignments	
	1. Noël en France	1. Christmas in France
	2. Les fêtes en France	2. Holidays in France
	3. Faisons la fête !	3. Let's Celebrate!
	4. Les chiffres à partir de 100	4. Numbers Larger than 100
	5. Le carnaval	5. Carnival
	6. Dossier: Une fête en France	6. Project: A French Holiday
	7. Interrogation 1 : Les fêtes	7. Quiz 1: Holidays
	8. Interrogation alternative - Version A : Les fêtes*	8. Alternate Quiz - Form A: Holidays*
	9. Interrogation alternative - Version B : Les fêtes*	9. Alternate Quiz - Form B: Holidays*
	10. La fête nationale de la France	10. France's National Holiday
	11. Dossier: Les fêtes nationales	11. Project: National Holidays
	12. Joyeux anniversaire !	12. Happy Birthday!
	13. Les invitations	13. Invitations
	14. Les verbes qui changent d'orthographe	14. Stem-changing Verbs
	15. Interrogation 2 : Les anniversaires	15. Quiz 2: Birthdays
	16. Interrogation alternative - Version A : Les Anniversaires*	16. Alternate Quiz - Form A: Birthdays*
	17. Interrogation alternative - Version B: Les anniversaires*	17. Alternate Quiz - Form B: Birthdays*
	18. Les périodes de la vie	18. Stages of Life
	19. Les couleurs	19. Colors
	20. Les pronoms complément d'objet direct	20. Direct-Object Pronouns
	21. Interrogation 3 : La vie	21. Quiz 3: Life
	22. Interrogation alternative - Version A : La vie*	22. Alternate Quiz - Form A: Life*
	23. Interrogation alternative - Version B : La vie*	23. Alternate Quiz - Form B: Life*
	24. Dossier spécial*	24. Special Project*
	25. Révision	25. Review
	26. Contrôle : Les fêtes et les traditions	26. Test: Holidays and Traditions
	27. Contrôle alternatif - Version A : Les fêtes et les traditions*	27. Alternate Test – Form A: Holidays and Traditions*
	28. Contrôle alternatif - Version B : Les fêtes et les traditions*	28. Alternate Test – Form B: Holidays and Traditions*
	29. Glossaire et références	29. Glossary and Credits

  

Unit 6: Révision et Contrôle Semestriel		
French I	Assignments	
	1. Révision	1. Review
	2. Contrôle semestriel	2. Exam
	3. Contrôle semestriel - Version A*	3. Alternate Exam – Form A*
	4. Contrôle semestriel - Version B*	4. Alternate Exam – Form B*

Unit 7: En Ville		
French I	Assignments	
	1. Visitons la ville	1. Let's Visit the City
	2. Aller	2. To Go
	3. Les prépositions de lieu	3. Prepositions of Place
	4. La Bretagne	4. Brittany
	5. Dossier : Mon quartier	5. Project: My Neighborhood
	6. Interrogation 1: La vie en ville	6. Quiz 1: Life in the City
	7. Interrogation alternative - Version A : La vie en ville*	7. Alternate Quiz - Form A: Life in the City*
	8. Interrogation alternative - Version B : La vie en ville*	8. Alternate Quiz - Form B: Life in the City*
	9. Paris	9. Paris
	10. Les nombres ordinaux	10. Ordinal Numbers
	11. Les moyens de transport	11. Transportation
	12. Les verbes réguliers en -re	12. Regular -re Verbs
	13. Les verbes irréguliers en -re	13. Irregular -re Verbs
	14. Dossier : L'itinéraire pour mon voyage à Paris	14. Project: The Itinerary for My Trip to Paris
	15. Interrogation 2: La ville des lumières	15. Quiz 2: The City of Lights
	16. Interrogation alternative - Version A : La ville des lumières*	16. Alternate Quiz - Form A: The City of Lights*
	17. Interrogation alternative - Version B : La ville des lumières*	17. Alternate Quiz - Form B: The City of Lights*
	18. Dossier spécia*	18. Special Project*
	19. Révision	19. Review
	20. Contrôle : En ville	20. Test: In the City
	21. Contrôle alternatif - Version A : En ville*	21. Alternate Test – Form A: In the City*
	22. Contrôle alternatif - Version B : En ville*	22. Alternate Test – Form B: In the City*
	23. Glossaire et références	23. Glossary and Credits

Unit 8: Bon Appétit		
French I	Assignments	
	1. Les repas français	1. French Meals
	2. Faire les courses	2. Grocery Shopping
	3. Les verbes réguliers en -ir	3. Regular -ir Verbs
	4. Les verbes irréguliers en -ir	4. Irregular -ir Verbs
	5. Interrogation 1: La nourriture	5. Quiz 1: Food
	6. Interrogation alternative - Version A : La nourriture*	6. Alternate Quiz - Version A: Food*
	7. Interrogation alternative - Version B : La nourriture*	7. Alternate Quiz - Version B: Food*
	8. Au café	8. At the Café
	9. L'article partitif	9. The Partitive Article
	10. Les expressions de quantité	10. Expressions of Quantity
	11. Dossier : Recette de crêpes	11. Project: Crepe Recipe
	12. Interrogation 2: La nourriture et les quantités	12. Quiz 2: Food and Quantities
	13. Interrogation alternative - Version A : La nourriture et les quantités*	13. Alternate Quiz - Version A: Food and Quantities*
	14. Interrogation alternative - Version B : La nourriture et les quantités*	14. Alternate Quiz - Version B: Food and Quantities*
	15. À table	15. At the Table
	16. Au restaurant	16. At the Restaurant
	17. Dossier : Au restaurant	17. Project: At the Restaurant
	18. La cuisine française	18. French Cuisine
	19. Interrogation 3: La cuisine française	19. Quiz 3: French Cuisine
	20. Interrogation alternative - Version A : La cuisine Française*	20. Alternate Quiz - Version A: French Cuisine*
	21. Interrogation alternative - Version B : La cuisine française*	21. Alternate Quiz - Version B: French Cuisine*
	22. Dossier spécial*	22. Special Project*
	23. Révision	23. Review
	24. Contrôle : Bon appétit	24. Test: Bon Appetite
	25. Contrôle alternatif - Version A : Bon appétit*	25. Alternate Test – Form A: Bon Appetite*
	26. Contrôle alternatif - Version B : Bon appétit*	26. Alternate Test – Form B: Bon Appetite*
	27. Glossaire et références	27. Glossary and Credits



Unit 9: La Vie Quotidienne		
Assignments		
French I	1. Les vêtements et les couleurs	1. Clothes and Colors
	2. En solde	2. On Sale
	3. Mettre	3. To Place, to Put On
	4. Faisons du shopping	4. Let's Go Shopping
	5. Dossier : Un défilé de mode	5. Project: A Fashion Show
	6. Le look en France	6. The Look in France
	7. Dossier : Ton look	7. Project: Your Look
	8. Interrogation 1: Les vêtements	8. Quiz 2: Clothing
	9. Interrogation alternative - Version A : Les vêtements*	9. Alternate Quiz - Form A: Clothing*
	10. Interrogation alternative - Version B : Les vêtements*	10. Alternate Quiz - Form B: Clothing*
	11. Les parties du corps	11. Parts of the Body
	12. Dossier : Un ami imaginaire et bizarre	12. Project: A Bizarre Imaginary Friend
	13. Les gestes et les expressions	13. Gestures and Expressions
	14. Les verbes réfléchis	14. Reflexive Verbs
	15. L'interrogation et la négation des verbes réfléchis	15. Interrogation and Negation with Reflexive Verbs
	16. Dossier : Votre routine quotidienne	16. Project: Your Daily Routine
	17. Interrogation 2: La routine	17. Quiz 2: Routine
	18. Interrogation alternative - Version A : La routine*	18. Alternate Quiz - Form A: Routine*
	19. Interrogation alternative - Version B : La routine*	19. Alternate Quiz - Form B: Routine*
	20. Dossier spécial*	20. Special Project*
	21. Révision	21. Review
	22. Contrôle : La vie quotidienne	22. Test: Daily Life
	23. Contrôle alternatif - Version A : La vie quotidienne*	23. Alternate Test – Form A: Daily Life*
	24. Contrôle alternatif - Version B : La vie quotidienne*	24. Alternate Test – Form B: Daily Life*
	25. Glossaire et références	25. Glossary and Credits

Unit 10: Les Médias		
French I	Assignments	
	1. À la télévision	1. On Television
	2. La publicité	2. Commercials
	3. Voir, c'est croire	3. Seeing Is Believing
	4. Dossier : Le journal télévisé	4. Project: The News
	5. Interrogation 1 : À la télé	5. Quiz 1 - : On TV
	6. Interrogation alternative - Version A : À la télé*	6. Alternate Quiz - Form A: On TV*
	7. Interrogation alternative - Version B : À la télé*	7. Alternate Quiz - Form B: On TV*
	8. Sur Internet	8. On the Internet
	9. Dire, lire et écrire	9. To Say, to Read, to Write
	10. Les pronoms complément d'objet direct	10. Direct-Object Pronouns
	11. Interrogation 2 : L'Informatique	11. Quiz 2: Computing
	12. Interrogation alternative-Version A : L'Informatique*	12. Alternate Quiz - Form A: Computing*
	13. Interrogation alternative-Version B : L'Informatique*	13. Alternate Quiz - Form B: Computing*
	14. La presse	14. The Press
	15. Les pronoms complément d'objet indirect	15. Indirect-Object Pronouns
	16. Dossier : Le Monde	16. Project: <i>Le Monde</i>
	17. Interrogation 2 : La lecture	17. Quiz 3: Reading
	18. Interrogation alternative - Version A : La lecture*	18. Alternate Quiz - Form A: Reading*
	19. Interrogation alternative - Version B : La lecture*	19. Alternate Quiz - Form B: Reading*
	20. Dossier spécial*	20. Special Project*
	21. Révision	21. Review
	22. Contrôle : Les médias	22. Test: The Media
	23. Contrôle alternatif - Version A: Les medias*	23. Alternate Test – Form A: The Media*
	24. Contrôle alternatif - Version B: Les medias*	24. Alternate Test – Form B The Media*
	25. Glossaire et références	25. Glossary and Credits

Unit 11: Les Vacances		
French I	Assignments	
	1. À l'agence de voyage	1. At the Travel Agency
	2. Le passé composé avec les verbes –er	2. The Passé Composé with -er Verbs
	3. Le passé composé avec les verbes –ir	3. The Passé Composé with -ir Verbs
	4. Le passé composé avec les verbes –re	4. The Passé Composé with -re Verbs
	5. Mes vacances en Normandie	5. My Vacation in Normandy
	6. Interrogation 1: Les vacances d'été	6. Quiz 1: Summer Vacation
	7. Interrogation alternative - Version A : Les vacances d'été*	7. Alternate Quiz - Form A: Summer Vacation*
	8. Interrogation alternative - Version B : Les vacances d'été*	8. Alternate Quiz - Form B: Summer Vacation*
	9. À la gare	9. At the Train Station
	10. La région du Centre	10. The Central Region of France
	11. La Corse	11. Corsica
	12. Le passé composé avec être	12. The Passé Composé with Être
	13. Dossier : Mon voyage en France	13. Project: My Trip to France
	14. Interrogation 2: Un voyage en France	14. Quiz 2: A Trip to France
	15. Interrogation alternative - Version A : Un voyage en France*	15. Alternate Quiz - Form A: A Trip to France*
	16. Interrogation alternative - Version B : Un voyage en France*	16. Alternate Quiz - Form B: A Trip to France*
	17. Dossier spécial*	17. Special Project*
	18. Révision	18. Review
	19. Contrôle : Les vacances	19. Test : Vacation
	20. Contrôle alternatif - Version A : Les vacances*	20. Alternate Test – Form A: Vacation*
	21. Contrôle alternatif - Version B : Les vacances*	21. Alternate Test – Form B : Vacation*
	22. Glossaire et références	22. Glossary and Credits

  

Unit 12: Révision et Contrôle Semestriel		
French I	Assignments	
	1. Révision	1. Review
	2. Contrôle semestriel	2. Exam
	3. Contrôle semestriel - Version A*	3. Alternate Exam—Form A*
	4. Contrôle semestriel - Version B*	4. Alternate Exam—Form B*

## French II

French II is a high school foreign language course that builds on and reviews skills and concepts taught in *French I* through further exposure to communication, cultures, connections, comparisons, and communities.

Course materials are designed to support students as they work to gain a basic proficiency in speaking, listening, reading, writing, and cultural competency.

Upon completion of the course, students should be able to do the following:

- Use basic French in everyday situations in oral and written communication.
- Use French vocabulary at the level appropriate to living in francophone countries.
- Demonstrate knowledge of France and other francophone countries.
- Listen to and understand passages in French related to various themes.
- Read and understand passages in French related to presented themes.
- Compare and contrast cultural aspects of francophone countries and the United States.

This course gives students practice using the mechanics of the French language, acquaints them with the cultural differences of francophone countries, and helps them gain a keen awareness of their own culture.

Unit 1: Faisons du Shopping		
French II	Assignments	
	1. Course Overview	1. Course Overview
	2. Les magasins en France	2. French Stores
	3. Révision des verbes	3. Verb Review
	4. Les produits français	4. French Products
	5. Qui, quand, pourquoi ?	5. Who, When, Why?
	6. Interrogation 1 : Au magasin	6. Quiz 1: At the Store
	7. Interrogation alternative - Version A : Au magasin*	7. Quiz 1 alternate- Form A: At the Store*
	8. Interrogation alternative - Version B : Au magasin*	8. Quiz 1 alternate- Form B: At the Store*
	9. Au marché français	9. At the French Market
	10. Les adjectifs démonstratifs	10. Demonstrative Adjectives
	11. Quelle est la différence ?	11. What's the Difference?
	12. Les marchés dans le monde francophone	12. Markets in the Francophone World
	13. Interrogation 2 : Au marché	13. Quiz 2: At the Market
	14. Interrogation alternative - Version A : Au marché*	14. Quiz 2 Alternate- Form A: At the Market*
	15. Interrogation alternative - Version B : Au marché*	15. Quiz 2 Alternate- Form B: At the Market*
	16. Combien ? Les expressions de quantité	16. How Much? How Many? Expressions of Quantity
	17. Combien cela coûte-t-il ?	17. How Much Does It Cost?
	18. Les pronoms objets directs	18. Direct-Object Pronouns
	19. Interrogation 3 : Faire du shopping	19. Quiz 3: Going Shopping
	20. Interrogation alternative - Version A : Faire du shopping*	20. Quiz 3 alternate- Form A: Going Shopping*
	21. Interrogation alternative - Version B : Faire du shopping*	21. Quiz 3 alternate- Form B: Going Shopping*
	22. Dossier: Écrire un dialogue	22. Project: Write a Dialogue
	23. Dossier spécial*	23. Special Project*
	24. Révision	24. Review
	25. Contrôle : Faisons du shopping	25. Test: Let's Go Shopping
	26. Contrôle alternatif - Version A : Faisons du shopping*	26. Alternate Test – Form A: Let's Go Shopping*
	27. Contrôle alternatif - Version B : Faisons du shopping*	27. Alternate Test – Form B: Let's Go Shopping*
	28. Glossaire et références	28. Glossary and Credits

Unit 2: Au Travail		
Assignments		
French II	1. Les métiers de la santé	1. Health Care Professions
	2. Les professions artistiques	2. Professions in the Arts
	3. Les professions artisanales	3. Trades
	4. Les professions qui aident les gens	4. Helping Professions
	5. Interrogation 1 : Les professions	5. Quiz 1 : Jobs
	6. Interrogation alternative – Version A : Les professions*	6. Alternate Quiz – Form A : Jobs*
	7. Interrogation alternative – Version B : Les professions*	7. Alternate Quiz – Form B : Jobs*
	8. Les qualités personnelles	8. Character Traits
	9. Dossier : Mon emploi idéal	9. Project : My Ideal Job
	10. Les emplois des étudiants	10. Student Jobs
	11. Jeune fille au pair	11. Young 'Au Pair' Girl
	12. Interrogation 2 : Le travail des jeunes	12. Quiz 2 : Jobs for Young People
	13. Interrogation alternative – Version A : Le travail des jeunes*	13. Alternate Quiz – Form A : Jobs for Young People*
	14. Interrogation alternative – Version B : Le travail des jeunes*	14. Alternate Quiz – Form B : Jobs for Young People*
	15. Poser sa candidature	15. Applying for a Job
	16. Préparer un entretien d'embauche	16. Preparing for a Job Interview
	17. Oui, monsieur !	17. Yes, Sir!
	18. Le travail au Sénégal	18. Working in Senegal
	19. Interrogation 3 : L'entretien d'embauche et le travail	19. Quiz 3 : Job Interviews and Work
	20. Interrogation alternative – Version A : L'entretien d'embauche et le travail*	20. Alternate Quiz – Form A : Job Interviews and Work*
	21. Interrogation alternative – Version B : L'entretien d'embauche et le travail*	21. Alternate Quiz – Form B : Job Interviews and Work*
	22. Dossier spécial*	22. Special Project*
	23. Révision	23. Review
	24. Contrôle : Au travail	24. Test : At Work
	25. Contrôle alternatif – Version A : Au travail*	25. Alternate Test – Form A: At Work*
	26. Contrôle alternatif – Version B : Au travail*	26. Alternate Test - Form B: At Work*
	27. Glossaire et références	27. Glossary and Credits

Unit 3: Au Cinéma		
FRENCH II	Assignments	
	1. Le cinéma français	1. French Cinema
	2. Quel film va-t-on voir ?	2. Which Movie Are We Going to See?
	3. Où allons-nous ?	3. Where Are We Going?
	4. Allons au cinéma	4. Let's Go to the Movies
	5. Interrogation 1 : Allons au cinéma	5. Quiz 1: Let's Go to the Movies
	6. Interrogation alternative - Version A : Allons au cinéma*	6. Alternate Quiz - Form A: Let's Go to the Movies*
	7. Interrogation alternative - Version B : Allons au cinéma*	7. Alternate Quiz - Form B: Let's Go to the Movies*
	8. Il n'y a plus de places	8. It's All Sold Out
	9. Comment est le film ?	9. How's the Movie?
	10. Dossier : Les Césars du cinéma	10. Project: The Caesar Movie Awards
	11. Interrogation 2 : Le cinéma	11. Quiz 2: The Movies
	12. Interrogation alternative - Version A : Le cinéma*	12. Alternate Quiz 2 - Form A: The Movies*
	13. Interrogation alternative - Version B : Le cinéma*	13. Alternate Quiz 2 - Form B: The Movies*
	14. Festival de Cannes	14. Cannes Film Festival
	15. Une entrevue avec une vedette	15. An Interview with a Movie Star
	16. Dossier : Que nous apprennent les films sur la culture ?	16. Project: What Do Movies Teach Us about Culture?
	17. Dossier : Une histoire, deux cultures	17. Project: One Story, Two Cultures
	18. Interrogation 3 : La culture et le cinéma	18. Quiz 3: Culture and Film
	19. Interrogation alternative - Version A : La culture et le cinéma*	19. Alternate Quiz - Form A: Culture and Film*
	20. Interrogation alternative - Version B : La culture et le cinéma*	20. Alternate Quiz - Form B: Culture and Film*
	21. Dossier spécial*	21. Special Project*
	22. Révision	22. Review
	23. Contrôle : Au cinéma	23. Test: At the Movies
	24. Contrôle alternatif - Version A : Au cinéma*	24. Alternate Test - Form A: At the Movies*
	25. Contrôle alternatif - Version B : Au cinéma*	25. Alternate Test - Form B: At the Movies*
	26. Glossaire et références	26. Glossary and Credits

Unit 4: En Ville et à la Campagne		
Assignments		
French II	1. Les domiciles	1. Homes
	2. Les tâches ménagères	2. Housework
	3. En ville	3. In the City
	4. Les pièces de l'appartement	4. Rooms in the Apartment
	5. Dossier : Une maison de rêve	5. Project: A Dream House
	6. Interrogation 1 : La ville	6. Quiz 1: The City
	7. Interrogation alternative - Version A : La ville*	7. Alternate Quiz - Form A: The City*
	8. Interrogation alternative - Version B : La ville*	8. Alternate Quiz - Form B: The City*
	9. Le passé composé avec être	9. The Passé Composé Tense with Être
	10. En train	10. On the Train
	11. Interrogation 2 : Les transports	11. Quiz 2 : Transportation
	12. Interrogation alternative - Version A : Les transports*	12. Alternate Quiz - Form A: Transportation*
	13. Interrogation alternative - Version B : Les transports*	13. Alternate Quiz - Form B: Transportation*
	14. La Provence en train	14. Provence by Train
	15. Les maisons en Provence	15. Houses in Provence
	16. Dossier: Les villes et les villages de France	16. Project: Cities and Villages of France
	17. Une journée en Provence	17. A Day in Provence
	18. Dossier : Mon journal de voyage	18. Project: My Travel Journal
	19. Interrogation 3 : La campagne	19. Quiz 3: The Countryside
	20. Interrogation alternative - Version A : La campagne*	20. Alternate Quiz - Form A: The Countryside*
	21. Interrogation alternative - Version B : La campagne*	21. Alternate Quiz - Form B: The Countryside*
	22. Dossier spécial*	22. Special Project
	23. Révision	23. Review
	24. Contrôle : En ville et à la campagne	24. Test: In the City and in the Country
	25. Contrôle alternatif - Version A : En ville et à la campagne*	25. Alternate Test – Form A: In the City and in the Country*
	26. Contrôle alternatif - Version B : En ville et à la campagne*	26. Alternate Test – Form B: In the City and in the Country*
	27. Glossaire et références	27. Glossary and Credits



Unit 5: La Santé		
French II	Assignments	
	1. La France et la nutrition	1. France and Nutrition
	2. Un régime équilibré	2. A Balanced Diet
	3. La nutrition dans le monde francophone	3. Nutrition in the Francophone World
	4. L'activité physique	4. Physical Activity
	5. Dossier : Le journal de mes habitudes	5. Project: My Daily Routine Journal
	6. Interrogation 1 : La nutrition	6. Quiz 1: Nutrition
	7. Interrogation alternative - Version A : La nutrition*	7. Alternate Quiz - Form A: Nutrition*
	8. Interrogation alternative - Version B : La nutrition*	8. Alternate Quiz - Form B: Nutrition*
	9. Les habitudes quotidiennes	9. Daily Routines
	10. Comment t'es-tu occupé?	10. How Did You Keep Busy?
	11. Les habitudes d'un jeune	11. A Teen's Typical Routine
	12. Interrogation 2 : Les habitudes	12. Quiz 2: Routines
	13. Interrogation alternative - Version A : Les habitudes*	13. Alternate Quiz - Form A: Routines*
	14. Interrogation alternative - Version B : Les habitudes*	14. Alternate Quiz - Form B: Routines*
	15. Les symptômes d'une maladie	15. Symptoms of an Illness
	16. Chez le médecin	16. At the Doctor's Office
	17. Interrogation 3 : La maladie et le corps	17. Quiz 3: Illnesses and the Body
	18. Interrogation alternative - Version A : La maladie et le corps*	18. Alternate Quiz - Form A: Illnesses and the Body*
	19. Interrogation alternative - Version B : La maladie et le corps*	19. Alternate Quiz – Form B: Illnesses and the Body*
	20. Dossier spécial*	20. Special Project*
	21. Révision	21. Review
	22. Contrôle : La santé	22. Test: Health
	23. Contrôle alternatif - Version A : La santé*	23. Alternate Test – Form A: Health*
	24. Contrôle alternatif - Version B : La santé*	24. Alternate Test – Form B: Health*
	25. Glossaire et références	25. Glossary and Credits

  

Unit 6: Révision et Contrôle Semestriel		
French II	Assignments	
	1. Révision	1. Review
	2. Contrôle	2. Exam
	3. Contrôle alternatif – Version A*	3. Alternate Exam – Form A*
	4. Contrôle alternatif – Version B*	4. Alternate Exam – Form B*

Unit 7: Les Vacances D'hiver		
French II	Assignments	
	1. Où allez-vous ?	1. Where Are You Going ?
	2. A l'aéroport	2. At the Airport
	3. Les annonces à l'aéroport	3. Announcements at the Airport
	4. Interrogation 1 : Partir en vacances d'hiver	4. Quiz 1 : Leaving for Winter Vacation
	5. Interrogation alternative – Version A : Partir en vacances d'hiver*	5. Alternate Quiz – Form A : Leaving for Winter Vacation*
	6. Interrogation alternative – Version B : Partir en vacances d'hiver*	6. Alternate Quiz – Form B : Leaving for Winter Vacation*
	7. Une capsule mémorielle	7. A Time Capsule
	8. Il faisait froid au Québec	8. It Was Cold in Quebec
	9. Comment étaient tes vacances ?	9. How Was Your Vacation?
	10. Dossier : L'hôtel de glace	10. Project : The Ice Hotel
	11. Interrogation 2 : Raconter ses vacances	11. Quiz 2 : Telling About Your Vacation
	12. Interrogation alternative – Version A : Raconter ses vacances*	12. Alternate Quiz – Form A : Telling About Your Vacation*
	13. Interrogation alternative – Version B : Raconter ses vacances*	13. Alternate Quiz – Form B : Telling About Your Vacation*
	14. Le passe composé et l'imparfait	14. The Past Tenses
	15. Les fêtes culturelles	15. Cultural Celebrations
	16. Dossier : Journal de voyage : le mardi gras	16. Project : Travel Journal: Mardi Gras
	17. Interrogation 3 : Les vacances d'hiver	17. Quiz 3 : Winter Vacation
	18. Interrogation alternative – Version A : Les vacances d'hiver*	18. Alternate Quiz – Form A : Winter Vacation*
	19. Interrogation alternative – Version B : Les vacances d'hiver*	19. Alternate Quiz – Form B : Winter Vacation*
	20. Dossier spécial*	20. Special Project*
	21. Révision	21. Review
	22. Contrôle : Les vacances d'hiver	22. Test: Winter Vacation
	23. Contrôle alternatif – Version A : Les vacances d'hiver*	23. Alternate Test – Form A: Winter Vacation*
	24. Contrôle alternatif – Version B : Les vacances d'hiver*	24. Alternate Test – Form B: Winter Vacation*
	25. Glossaire et références	25. Glossary and Credits

Unit 8: La Mode		
Assignments		
French II	1. S'habiller selon la météo	1. Dressing for the Weather
	2. Un magazine de mode	2. A Fashion Magazine
	3. Dans la boutique de prêt-à-porter	3. In the Clothing Store
	4. Choisir des vêtements dans une boutique	4. Choosing Clothing in a Boutique
	5. Dossier : Un événement spécial	5. Project: A Special Event
	6. Interrogation 1 : S'habiller	6. Quiz 1 : Getting Dressed
	7. Interrogation alternative – Version A : S'habiller*	7. Alternate Quiz – Form A : Getting Dressed*
	8. Interrogation alternative – Version B : S'habiller*	8. Alternate Quiz – Form B : Getting Dressed*
	9. La haute couture	9. Haute Couture Fashion
	10. La mode au début du vingtième siècle	10. Fashion at the Beginning of the Twentieth Century
	11. Interrogation 2 : La haute couture et l'histoire de la mode	11. Quiz 2 : High Fashion and the History of Fashion
	12. Interrogation alternative – Version A : La haute couture et l'histoire de la mode*	12. Alternate Quiz – Form A : High Fashion and the History of Fashion*
	13. Interrogation alternative – Version B : La haute couture et l'histoire de la mode*	13. Alternate Quiz – Form B : High Fashion and the History of Fashion*
	14. La mode du vingtième siècle	14. Twentieth Century Fashion
	15. La mode africaine	15. African Fashion
	16. Dossier : Un défilé de mode	16. Project : A Fashion Show
	17. Interrogation 3 : La mode actuelle	17. Quiz 3 : Current Fashion
	18. Interrogation alternative – Version A : La mode actuelle*	18. Alternate Quiz – Form A : Current Fashion*
	19. Interrogation alternative – Version B : La mode actuelle*	19. Alternate Quiz – Form B : Current Fashion*
	20. Dossier spécial*	20. Special Project*
	21. Révision	21. Review
	22. Contrôle : La mode	22. Test: Fashion
	23. Contrôle alternatif – Version A : La mode*	23. Alternate Test – Form A: Fashion*
	24. Contrôle alternatif – Version B : La mode*	24. Alternate Test – Form B: Fashion*
	25. Glossaire et références	25. Glossary and Credits

Unit 9: Au Musée D'art		
Assignments		
French II	1. Les beaux-arts	1. The Fine Arts
	2. Les mouvements artistiques en France	2. Art Movements in France
	3. L'histoire à travers l'art	3. History in Art
	4. La statue de la liberté	4. The Statue of Liberty
	5. Interrogation 1 : L'art	5. Quiz 1: Art
	6. Interrogation alternative - Version A : L'art*	6. Alternate Quiz - Form A: Art*
	7. Interrogation alternative - Version B : L'art*	7. Alternate Quiz - Form B: Art*
	8. Le musée du Louvre	8. The Louvre Museum
	9. Un vol au musée	9. A Robbery at the Museum
	10. Plus d'expressions négatives	10. More Negative Expressions
	11. Dossier : On a volé la Joconde	11. Project: Mona Lisa Stolen
	12. Dossier : Un article dans le journal	12. Project: A Newspaper Article
	13. Les impressionnistes	13. The Impressionists
	14. Les descriptions	14. Descriptions
	15. Interrogation 2 : Au musée	15. Quiz 2: At the Museum
	16. Interrogation alternative - Version A : Au musée*	16. Alternate Quiz - Form A: At the Museum*
	17. Interrogation alternative - Version B : Au musée*	17. Alternate Quiz - Form B: At the Museum*
	18. Dossier spécial*	18. Special Project*
	19. Révision	19. Review
	20. Contrôle : Au musée d'art	20. Test: At the Art Museum
	21. Contrôle alternatif - Version A : Au musée d'art*	21. Alternate Test – Form A: At the Art Museum*
	22. Contrôle alternatif - Version B : Au musée d'art*	22. Alternate Test – Form B: At the Art Museum*
	23. Glossaire et références	23. Glossary and Credits

Unit 10: À la Plage		
French II	Assignments	
	1. Les îles tropicales francophones	1. Francophone Tropical Islands
	2. Réserver un hôtel	2. Reserving a Hotel
	3. Les activités à faire pendant les vacances	3. Things to Do on Vacation
	4. Dossier : Comparer les hôtels	4. Project : Hotel Comparison
	5. Interrogation 1 : Les hôtels	5. Quiz 1 : Hotels
	6. Interrogation alternative – Version A : Les hôtels*	6. Alternate Quiz – Form A : Hotels*
	7. Interrogation alternative – Version B : Les hôtels*	7. Alternate Quiz – Form B : Hotels*
	8. Le pronom y	8. The Pronoun Y
	9. Comment y allez-vous ?	9. How Do You Get There?
	10. Interrogation 2 : Les modes de transport	10. Quiz 2 : Modes of Transportation
	11. Interrogation alternative – Version A : Les modes de transport*	11. Alternate Quiz – Form A : Modes of Transportation*
	12. Interrogation alternative – Version B : Les modes de transport*	12. Alternate Quiz – Form B : Modes of Transportation*
	13. La cuisine guadeloupéenne	13. Guadeloupean Food
	14. Le pronom en	14. The Pronoun En
	15. Dossier : Des cartes postales	15. Project : Postcards
	16. Interrogation 3 : La cuisine guadeloupéenne	16. Quiz 3 : Guadeloupean Cooking
	17. Interrogation alternative – Version A : La cuisine guadeloupéenne*	17. Alternate Quiz – Form A : Guadeloupean Cooking*
	18. Interrogation alternative – Version B : La cuisine guadeloupéenne*	18. Alternate Quiz – Form B : Guadeloupean Cooking*
	19. Dossier spécial*	19. Special Project*
	20. Révision	20. Review
	21. Contrôle : À la plage	21. Test: At the Beach
	22. Contrôle alternatif – Version A : À la plage*	22. Alternate Test – Form A: At the Beach*
	23. Contrôle alternatif – Version B : À la plage*	23. Alternate Test – Form B: At the Beach*
	24. Glossaire et références	24. Glossary and Credits

Unit 11: Les Rites de Passage		
French II	Assignments	
	1. Les rites de passage	1. Rites of Passage
	2. L'enfance	2. Childhood
	3. Les événements de l'adolescence	3. Events in Adolescence
	4. Le permis de conduire en Europe	4. Driver's License in Europe
	5. Interrogation 1 : Les souvenirs	5. Quiz 1: Memories
	6. Interrogation alternative - Version A : Les souvenirs*	6. Alternate Quiz - Form A: Memories*
	7. Interrogation alternative - Version B : Les souvenirs*	7. Alternate Quiz - Form B: Memories*
	8. Les verbes réguliers au futur simple	8. The Simple Future Tense of Regular Verbs
	9. Les verbes irréguliers au futur simple	9. The Simple Future Tense of Irregular Verbs
	10. Dossier : Mes projets d'avenir	10. Project: My Plans for the Future
	11. Interrogation 2 : L'avenir	11. Quiz 2: The Future
	12. Interrogation alternative - Version A : L'avenir*	12. Alternate Quiz - Form A: The Future*
	13. Interrogation alternative - Version B : L'avenir*	13. Alternate Quiz - Form B: The Future*
	14. Le mariage en France	14. Weddings in France
	15. Le mariage aux pays francophones	15. Weddings in Francophone Countries
	16. Un mariage royal	16. A Royal Wedding
	17. Dossier : Les rites de passage dans quelques pays francophones	17. Project: Rites of Passage in Some Francophone Countries
	18. Interrogation 3 : Le mariage	18. Quiz 3: Marriage
	19. Interrogation alternative - Version A : Le mariage*	19. Alternate Quiz - Form A: Marriage*
	20. Interrogation alternative - Version B : Le mariage*	20. Alternate Quiz - Form B: Marriage*
	21. Dossier spécial*	21. Special Project*
	22. Révision	22. Review
	23. Contrôle : Les rites de passage	23. Test: Rites of Passage
	24. Contrôle alternatif - Version A : Les rites de passage*	24. Alternate Test – Form A: Rites of Passage*
	25. Contrôle alternatif - Version B : Les rites de passage*	25. Alternate Test – Form B: Rites of Passage*
	26. Glossaire et références	26. Glossary and Credits

  

Unit 12: Révision et Contrôle Semestriel		
French II	Assignments	
	1. Révision	1. Review
	2. Contrôle	2. Exam
	3. Contrôle alternatif - Version A*	3. Alternate Exam—Form A*
	4. Contrôle alternatif - Version B*	4. Alternate Exam—Form B*

## General Science III

General Science III is a basic intermediate course intended to expose students to the designs and patterns in God's physical universe. This course expands on General Science I and II courses. Some of the areas covered in General Science III include the structure of matter, atomic nuclei and radioactivity, geology, oceanography, astronomy, microbiology, medicine, and science today and in the future.

Students at this level should show development in their ability and understanding of scientific inquiry. Some of the units contain experiments and projects that seek to develop meaning for the student and to engage the student actively. The continued exposure of science concepts and scientific inquiry will serve to improve the student's skill and understanding.

Upon completion of the course, students should be able to do the following:

- Use their main senses for observation of the world around them.
- Describe the atomic structure of different elements.
- Calculate and measure volume, mass, and density for different objects.
- Identify different types of geological changes.
- Discuss how the layers of the earth's crust can show history.
- Describe the different parts of the ocean, both living and non-living.
- Explain the differences in the stars and constellations.
- Distinguish between bacterial infections, viral infections, and other types of infections.
- Develop a plan to prevent and treat common diseases through proper health.
- Demonstrate an understanding of the resources of the earth and what is needed to conserve those resources.

Unit 1: Our Atomic World	
General Science III	Assignments
	1. Course Overview
	2. Structure of Matter
	3. Quiz 1: Structure of Matter
	4. Radioactivity
	5. Quiz 2: Radioactivity
	6. Atomic Nuclei
	7. Quiz 3: Atomic Nuclei
	8. Nuclear Energy
	9. Essay: Reactors
	10. Quiz 4: Nuclear Energy
	11. Applications and Environmental Hazards
	12. Quiz 5
	13. Special Project*
	14. Test
	15. Alternate Test*
	16. Reference

Unit 2: Volume, Mass, and Density	
General Science III	Assignments
	1. Volume
	2. Experiment: Determining Volume
	3. Quiz 1: Volume
	4. Mass
	5. Experiment: Mass of Gas
	6. Quiz 2: Mass
	7. Density
	8. Quiz 3: Density
	9. Special Project*
	10. Test
	11. Alternate Test*
	12. Reference

Unit 3: Physical Geology		
General Science III	<b>Assignments</b>	
	1. Earth Structures	11. Earth Movements
	2. Internal Structures	12. Experiment: Specific Gravity
	3. Igneous Structures	13. Experiment: Gravity
	4. Essay: Volcanic Eruptions	14. Plate Tectonics
	5. Mountains	15. Quiz 3: Earth Movements
	6. Quiz 1: Earth Structures	16. Special Project*
	7. Earth Changes	17. Test
	8. Erosion and Sediment	18. Alternate Test*
	9. Oceans	19. Reference
	10. Quiz 2: Earth Changes	
Unit 4: Historical Geology		
General Science III	<b>Assignments</b>	
	1. An Observational Science	7. Absolute Time
	2. Sedimentary Rock	8. Quiz 2: Measuring Time
	3. Fossils	9. Special Project*
	4. Crustal Changes	10. Test
	5. Quiz 1: An Observational Science	11. Alternate Test*
	6. Measuring Time	12. Reference
Unit 5: Oceanography		
General Science III	<b>Assignments</b>	
	1. Chronology and Techniques for Investigation	9. Chemistry of the Ocean
	2. Major Discoveries and Submersible Research	10. Physical Properties of the Ocean
	3. Essay: The Moon and Tides	11. Essay: Marine Report
	4. Quiz 1: The History of Oceanography	12. Quiz 3: Biological, Physical, and Chemical Properties
	5. Geological Structure and Results of Profiling	13. Special Project*
	6. Turbidity, Sedimentation, and Currents	14. Test
	7. Quiz 2: Geology of the Ocean	15. Alternate Test*
	8. Biology of the Ocean	16. Reference
Unit 6: Astronomy		
General Science III	<b>Assignments</b>	
	1. Presuppositions	9. Quiz 2: Telescopes and Optics
	2. Extent of the Universe	10. Space Explorations
	3. Constellations	11. Quiz 3: Space Explorations
	4. Measuring the Universe	12. Special Project*
	5. Quiz 1: The Universe	13. Test
	6. Gathering Light and Types of Telescopes	14. Alternate Test*
	7. Other Types of Telescopes	15. Reference
	8. Essay: Telescopes	



Unit 7: Body Health (Part 1)		
General Science III	<b>Assignments</b>	
	1. Microorganisms	12. More Serious Viral Infections
	2. Categories of Pathogenic Organisms	13. Quiz 3: Viral Infections
	3. Characteristics of Infectious Diseases	14. Protozoan Infections
	4. Essay: Medical Science	15. Rickettsial Infections
	5. Quiz 1: Microorganisms	16. Fungal Infections
	6. Digestive Infections	17. Quiz 4: Protozoan, Rickettsial, and Fungal Infections
	7. Respiratory Infections	18. Special Project*
	8. Nervous System Infections	19. Test
	9. Quiz 2: Bacterial Infections	20. Alternate Test*
	10. Common Viral Infections	21. Reference
	11. Childhood Viral Infections	

Unit 8: Body Health (Part 2)		
General Science III	<b>Assignments</b>	
	1. Body Defense Mechanisms	8. Governmental Agencies and Volunteer Groups
	2. Medical Drugs	9. Medical and Drug Control Organizations
	3. Essay: Chemotherapy	10. Quiz 3: Community Agencies
	4. Quiz 1: Disease Treatment	11. Special Project*
	5. Environmental Conditions	12. Test
	6. Medical Advances and Total Health	13. Alternate Test*
	7. Quiz 2: Disease Prevention	14. Reference

Unit 9: Science and Tomorrow		
General Science III	<b>Assignments</b>	
	1. Ecology	9. Outer Space
	2. Agriculture and Waste	10. Inner Space and Self Exploration
	3. Population	11. Quiz 3: People and Their New Frontiers
	4. Quiz 1: People and Their Land	12. Special Project*
	5. Energy Sources	13. Test
	6. Debate: Fossil Fuels, Nuclear/Natural Power	14. Alternate Test*
	7. Industry, Transportation, and Urbanization	15. Reference
	8. Quiz 2: People and Their Work Environment	

Unit 10: Review		
General Science III	<b>Assignments</b>	
	1. Nuclear Power	9. Practical Health
	2. The Metric System	10. Population and Environment
	3. Quiz 1: Nuclear Power	11. Quiz 4: Practical Health
	4. Weight Versus Mass	12. Special Project*
	5. Quiz 2: Weight Versus Mass	13. Test
	6. Deposition Versus Erosion	14. Alternate Test*
	7. The Oceans, Continents; Earth in Space	15. Reference
	8. Quiz 3: Deposition Versus Erosion	

## Health Quest

Health Quest is a health science elective course for upper elementary and junior high students. The curriculum introduces students to the concepts of what good health is, why good health is important, and what students should do in order to achieve good health.

Upon completion of the course, students should be able to do the following:

- Demonstrate an awareness of health as it applies to their own bodies, minds, and emotions.
- Demonstrate an awareness of health as it applies to their living environments.
- Identify the components of a healthy lifestyle and set reasonable goals to achieve a lifestyle of wellness.
- Understand that incorporating sound health practices creates a lifestyle of moderation and wellness.
- Understand the responsibility of properly stewarding the bodies God has given them as directed in the Bible.
- Describe health as it applies to broader society, the world, and their own responsibility to stimulate good health around them.

Unit 1: Your Body		
Assignments		
Health Quest	1. Course Overview	12. Alternate Quiz 2: Your Breathe and Blood*
	2. The "Stuff" You're Made Of	13. Growing and Changing
	3. Experiment: Calcium	14. Keeping your Body Clean
	4. Quiz 1: The "Stuff" You're Made Of	15. You're Growing Up: Hello Adolescence!
	5. Alternate Quiz 1: The "Stuff" You're Made Of *	16. You've Grown Up: Nice to Meet You, Adulthood!
	6. Your Breathe and Blood	17. Quiz 3: Growing and Changing
	7. Experiment: The Heart	18. Alternate Quiz 3: Growing and Changing*
	8. Your Food Goes Where?	19. Special Project*
	9. What's Your Nervous System?	20. Test
	10. Chomping, Winking and Listening	21. Alternate Test*
	11. Quiz 2: Your Breathe and Blood	22. Glossary and Credits
Unit 2: Your Feelings, Emotions, and Behaviors		
Assignments		
Health Quest	1. How Are You Feeling Today?	8. I Am a Good Friend
	2. How Do I Make the Right Choice?	9. Quiz 2: Social Skill Savvy
	3. Project: Physical Play	10. Alternate Quiz 2: Social Skill Savvy*
	4. Quiz 1: Your Feelings, Emotions, and Behaviors	11. Special Project*
	5. Alternate Quiz 1: Your Feelings, Emotions and Behaviors*	12. Test
	6. Social Skill Savvy	13. Alternate Test *
	7. Me and My Family	14. Glossary and Credits

Unit 3: Your Nutrition and Fitness		
Assignments		
Health Quest	1. You Are What You Eat!	13. Let's Go Play!
	2. What's In the Food You're Eating?	14. Experiment: Exercise
	3. Project: Nutrients	15. Fitness Fun!
	4. Project: Junk Food	16. Project: Fitness Program
	5. Activity: Advertisement*	17. Activity: Improvements
	6. Quiz 1: You Are What You Eat!	18. Quiz 3: Let's Go Play!
	7. Alternate Quiz 1: You Are What You Eat!*	19. Alternate Quiz 3: Let's Go Play!*
	8. Your Healthy Eating Habits	20. Special Project*
	9. My Plate	21. Test
	10. Project: Menu Planner	22. Alternate Test*
	11. Quiz 2: Your Healthy Eating Habits	23. Glossary and Credits
	12. Alternate Quiz 2: Your Healthy Eating Habits*	

Unit 4: Play it Safe!		
Assignments		
Health Quest	1. Avoiding Accidents	11. Quiz 2: Emergency! First Aid
	2. Safety in Your Home	12. Alternate Quiz 2: Emergency! First Aid*
	3. Project: Fire Escape	13. Dodging Disease
	4. Safety in Your Community	14. Quiz 3: Dodging Disease
	5. Project: Safety Check	15. Alternate Quiz 3: Dodging Disease*
	6. Quiz 1: Playing it Safe!	16. Special Project*
	7. Alternate Quiz 1: Playing it Safe!*	17. Test
	8. Emergency! Your First Aid Answers	18. Alternate Test*
	9. Project: Heimlich Maneuver	19. Glossary and Credits
	10. Project: First Aid Kit	

Unit 5: Being a Good Steward		
Assignments		
Health Quest	1. Being a Good Steward of God's Creation	9. Project: Poison Control
	2. How Can I Prevent Pollution?	10. Project: Expiration Dates
	3. Project: Pollutants	11. Quiz 2: Showing Stewardship for Yourself
	4. Project: Recycle	12. Alternate Quiz 2: Showing Stewardship for Yourself*
	5. Project: Conserve	13. Project: Letter
	6. Quiz 1: Being a Good Steward of God's Creation	14. Special Project*
	7. Alternate Quiz 1: Being a Good Steward of God's Creation*	15. Test
	8. Showing Stewardship for Yourself	16. Alternate Test*
		17. Glossary and Credits

## High School Health

High School Health is a health science elective course that introduces students to what good health is, why good health is important, and what students should do in order to achieve good health.

Upon completion of the course, students should be able to do the following:

- Demonstrate an awareness of health as it applies to their own bodies, minds, and emotions.
- Demonstrate an awareness of health as it applies to their living environments.
- Identify the components of a healthy lifestyle and set reasonable goals to achieve a lifestyle of wellness.
- Understand that incorporating sound health practices creates a lifestyle of moderation and wellness.
- Understand the responsibility of properly stewarding the bodies God has given them as directed in the Bible.
- Describe health as it applies to broader society, the world, and their own responsibility to stimulate good health around them.

Unit 1: Body Essentials		
High School Health	Assignments	
	1. Course Overview	11. Growth and Development
	2. The Head and Crown of Creation	12. Activity: Fetal Development
	3. Anatomy and Physiology	13. Childhood Development
	4. Quiz 1: Building Blocks of the Body	14. Adolescence
	5. Nervous System and Circulatory System	15. Adulthood
	6. Activity: Your Adaptive Heart	16. Activity: Interviewing an Older Person
	7. Respiratory, Skeletal, and Muscular System	17. Quiz 3: Stages of Development
	8. Digestive, Excretory, Endocrine, and Integumentary System	18. Special Project
	9. Immune, Lymphatic, and Reproductive System	19. Test
	10. Quiz 2: Body Systems	20. Alternate Test
		21. Reference
Unit 2: Physical Health		
High School Health	Assignments	
	1. Benefits of Proper Nutrition	12. Exercise and Physical Fitness
	2. Carbohydrates	13. Activity: Heart Rate
	3. Vitamins	14. Muscular Endurance and Strength
	4. Activity: Your Favorite Foods	15. Exercise Program
	5. Quiz 1: Essentials of Nutrition	16. Activity: How Fit Are You?*
	6. Developing Proper Eating Habits	17. Quiz 3: Exercise and Physical Fitness
	7. Dairy Group and Protein Group	18. Special Project*
	8. Activity: Got Calcium?*	19. Test
	9. Food, God's Tasty Gift	20. Alternate Test*
	10. Healthy Eating Habits	21. Reference
	11. Quiz 2: Eating the Right Foods	

Unit 3: Social and Mental Health		
High School Health	Assignments	
	1. Aspects of Health	10. Personal Hygiene
	2. Love	11. Teeth, Mouth, Eyes, and Ears
	3. Activity: Examine Yourself	12. Activity: Hygiene Habits
	4. Mental and Emotional Health	13. Quiz 3: Personal Hygiene
	5. Quiz 1: Mental, Social, and Emotional Health	14. Special Project*
	6. Social Health	15. Test
	7. Friends	16. Alternate Test*
	8. Speaking in Love	17. Reference
	9. Quiz 2: Social Interaction	
Unit 4: Preventative Health Care and First Aid		
High School Health	Assignments	
	1. Safety	13. First Aid
	2. Home Safety	14. Activity: First Aid Kit
	3. Home Safety II	15. Evaluating the Scene
	4. Home Safety III	16. Wounds and Bleeding
	5. Activity: Home Safety	17. Burns and Other Emergencies
	6. Quiz 1: Home Safety	18. Activity: Making a Splint
	7. Safety Guidelines	19. Hypothermia and Frostbite
	8. Personal Safety	20. Quiz 3: First Aid
	9. Activity: Moving Violations	21. Special Project*
High School Health	10. Water Safety	22. Test
	11. Weather Safety	23. Alternate Test*
	12. Quiz 2: Personal Safety and the Environment	24. Reference
Unit 5: Responsible Living		
High School Health	Assignments	
	1. Disease and Prevention	13. Tobacco
	2. Childhood Immunizations	14. Activity: Smoking, A Wise Choice?
	3. Activity: Your Shots	15. Quiz 2: Substance Abuse
	4. Non-Infectious Diseases	16. Health and the Environment
	5. Activity: Major Diseases	17. Activity: Mother Earth
	6. Health Care	18. Water Essentials
	7. Activity: Visit the Sick	19. Sexually Transmitted Diseases
	8. Quiz 1: Diseases and Health Care	20. Quiz 3: Health, Pollution, and the Environment
	9. Drug Use and Abuse	21. Special Project*
High School Health	10. Drug Use and Abuse 2	22. Test
	11. Alcohol	23. Alternate Test*
	12. Activity: Interview on Alcohol Use	24. Reference

## Introduction to Computer Science

Computers are an integral part of many of our lives and help us to accomplish many different tasks. Computer science careers are one of the fastest growing careers in the world and certainly in the United States. Educating students about careers in computer science is beneficial to both students our global marketplace. In this course students will see and experience much of what computer scientists do. They will start programming in the first unit and continue throughout the course. They will also explore the hardware and software that make computers work. Projects are assigned throughout the course that allow students to not only write programs, but to design networks, plan a mobile app for a smartphone, analyze big data, and more. Students who complete the course will know how to address accessibility issues to make the Internet accessible to all, how to help protect themselves from security threats, make informed decisions based on ethical and legal issues, and learn skills to use when working with a diverse team. Not only will students explore the wide spectrum of computer science careers, but they will also survey the history of computers and explore emerging technologies and issues.

- **Unit 1: Computer Science Then and Now:** Computers have had an enormous impact on social, ethical, economic, and cultural issues. Students will examine how computers developed and technologies that are just now being developed. Telehealth is changing how doctors deliver care. Virtual and augmented reality allow people to experience adventures and training without leaving home. Students will also gain a working knowledge of a computer and begin programming in Python, which is a free, open-source Integrated Design Environment. Flowcharts and pseudocode are used to plan how to solve a problem. Students will also investigate five computer science fields to help them begin thinking about career paths.
- **Unit 2: Hardware and Software:** Have you thought about how computers communicate? Computers communicated in ones and zeros, so all information has to be translated to binary. Then the signal has to be transmitted through a network. Students will explore how the World Wide Web began and how networks are organized. They will also investigate the software that makes computers useful and the ways information is stored.
- **Unit 3: Computational Thinking:** A high-level program such as Python allows students to write code that is very readable. Variables are used to store numbers, text, and other data types. Students will write programs that ask for user input, process the response, and display the result. They will make decisions that allow the response to fit the data provided. As programs become more complex, the importance of planning rises. Students will plan, implement, and test programs. They will also examine difficulties faced by those with mental and physical challenges and identify solutions.
- **Unit 4: Control Structures and Data Types:** Programs can be made more efficient in several ways. Programming languages use loops to perform repetitive tasks. Functions enable programmers to reuse code in many applications. Large amounts of data can be organized into collections, such as lists, tuples, and dictionaries. Students will create their own user-defined data type. Every programmer makes mistakes and users often make mistakes when entering data. Error handling provide a built-in mechanism of dealing with user errors and preventing programs from crashing.
- **Unit 5: Classes, Analyzing Data, and Arrays:** Object-oriented programming (OOP) increases efficiency and protects code contained in the object. OOP is the computer version of reduce-reuse-recycle. Classes and libraries enable programmers to use the work already done by themselves or other programmers. The math, random, and other libraries are used. In this unit students will also explore real-world data and write a guessing game program.
- **Unit 6: Semester Review and Exam:** Students will prepare for and take the semester exam.
- **Unit 7: Programming Algorithms:** Up to this point, once a program was finished the information was not saved. In this unit the student will be able to save the output of a program in files. Being able to read from and write to files allow you to analyze vast quantities of real-world data. Another aspect of real-world programming is gathering and responding to customer feedback. Students will use string formatting and

color choices to make a program's output more readable for greater accessibility. Programming is not an end in itself. Students will investigate how algorithms are used in different disciplines and examine how other programming languages are used.

- **Unit 8: Design and Development:** The Software Development Life Cycle (SDLC) models the stages of software development: planning, design, coding, testing, release, and maintenance. Students will design, code, and test applications such as web pages, a guessing game that uses the random library, and learn the best practices for working alone and with a team. They examined a variety of development tools such as those used to create mobile apps and how VPython can model physical phenomena. They will also consider how versioning is used during the maintenance phase.
- **Unit 9: Laws and Security:** Laws are critical to those who use and work with computers. Intellectual property laws protect writers, programmers, artists, and other creators of original work. Cybersecurity issues demand tradeoffs between safety and usability. The damage done by hackers and the cost of security measures have a huge economic impact. Students will write a program to evaluate the strength of a password and conduct independent research into legal and security issues.
- **Unit 10: Ethics:** Ethics are even more important than legal issues. What is legal is not always ethical. Students will explore bias and equity, ethics, and online etiquette. They will identify sources of bias for the physically and mentally challenged and strategies for addressing that bias. In some countries, the government controls the information available on the Internet, a form of information censorship. Economic conditions can limit access to the Internet. Diversity is addressed by examining how cultural differences affect members of a team.
- **Unit 11: Applications:** This unit explores a variety of ways computers are used and ways students can find a career in the field. The unit begins with learning more about web design, two styles of programming, and how music and video are represented on a computer. Students will write a program to create art. In the project, students will design a mobile app, get feedback from others, and improve their design. They will also implement a game that uses artificial intelligence. The unit ends with workplace topics: being the kind of worker others want to work beside, being safe in the workplace, providing customer service, and exploring the preparation needed for a computer science career.
- **Unit12: Semester Review and Exam:** Students will prepare for and take the semester exam.
- **Unit 13: Final Review and Exam:** Students will prepare for and take the final exam.

Unit 1: Computer Science Then and Now	
Introduction to Computer Science	Assignments
1.	Course Overview
2.	The Big Picture
3.	Where are We Going?
4.	Where Did it Get Started?
6.	Computer Terminology
8.	Program Execution
9.	Quiz 2: Computer Terminology and Python Installation
10.	Do You Have a Plan?
11.	Project: Make a Plan
12.	How Computers Have Changed Your World
13.	Computer Scientists
14.	Quiz 3: Planning and Changes
15.	Five Computer Science Fields
16.	Scalability
17.	Career Spotlight: Ada Lovelace
18.	Quiz 4: Scalability and Computer Scientists
19.	Review: Computer Science Then and Now
20.	Test: Computer Science Then and Now
21.	Glossary and Credits

Unit 2: Hardware and Software	
Introduction to Computer Science	Assignments
1.	Binary World
2.	How Do We Communicate?
3.	Quiz 1: Bits and Communication
4.	The WWW
6.	Computer Networking Basics
8.	Network Protocol
9.	Quiz 2: Networks
10.	Transmitting Data
11.	Local Versus Wide Area
12.	Operational Systems
13.	Quiz 3: Network Types and Operating Systems
14.	Software
15.	File Types and Storing Programs
16.	Choosing Hardware and Software
17.	Project: Network Design
18.	Career Spotlight: Grace Murray Hopper
19.	Quiz 4: File Types, Hardware, and Software
20.	Review: Hardware and software
21.	Test: Hardware and software
22.	Glossary and Credits

Unit 3: Computational Thinking	
Introduction to Computer Science	Assignments
1.	Abstracts
2.	Data Types
3.	Manipulating Data Types
4.	Quiz 1: Data Types and Operations
6.	Variables and Numerical Operations
8.	Input and Output
9.	Making Decisions
10.	Quiz 2: Input, Output, and Making Decisions
11.	Accessibility
12.	Manipulating Strings
13.	Quiz 3: Accessibility and Strings
14.	Design Specifications
15.	Computational Models
16.	Math and Computer Science Connections
17.	Project: Programming a Math Algorithm
18.	Career Spotlight: Bill Gates
19.	Quiz 4: Design and Computational Models
20.	Review: Computational Thinking
21.	Test: Computational Thinking
22.	Glossary and Credits

Unit 4: Control Structures and Data Types	
Introduction to Computer Science	Assignments
1.	For Loops
2.	While Loops
3.	Nested Loops
4.	Quiz 1: Loops and Functions
6.	Using Functions
8.	Scope and Parameters
9.	Lists
10.	Quiz 2: Scope and Lists
11.	Collections
12.	Tuples
13.	Dictionaries
14.	Quiz 3: Tuples and Dictionaries
15.	User-Defined Data Types
16.	Finding and Handling Errors
17.	Project: Math Tutor Program with Error Handling
18.	Career Spotlight: Donald Knuth
19.	Quiz 4: User-Defined Data Types and Error Handling
20.	Review: Control Structures and Data Types
21.	Test: Control Structures and Data Types
22.	Glossary and Credits



Unit 5: Classes, Analyzing Data, and Arrays		
Introduction to Computer Science	Assignments	
	1. Classes	13. Multidimensional Arrays
	2. Class Structure	14. Quiz 3: Sorting and Arrays
	3. Implementing Object-Oriented Programming	15. Analyzing Data
	4. Quiz 1: Classes	16. Project: Big Data Research Project
	6. The Python Standard Library	17. Guessing Game
	8. Math Functions	18. Career Spotlight: Alvy Ray Smith
	9. Searching	19. Quiz 4: Analyzing Data and Games
	10. Quiz 2: Functions and Searching	20. Review: Classes, Analyzing Data, and Arrays
	11. Sorting	21. Test: Classes, Analyzing Data, and Arrays
	12. Arrays	22. Glossary and Credits

Unit 6: Semester 1 Review and Exam		
ICS	Assignments	
	1. Semester 1 Review: Introduction to Computer Science	
	2. Semester 1 Exam: Introduction to Computer Science	

Unit 7: Programming Algorithms		
Introduction to Computer Science	Assignments	
	1. Reading a File	13. Refining Your Program
	2. Writing to a File	14. Programming Across Disciplines
	3. Searching Complex Data	15. Quiz 3: Events and Customers
	4. Project: Big Data Programming	16. Other Languages
	6. Quiz 1: Reading, Writing, and Searching a File	17. String Formatting
	8. Analyzing Images	18. Career Spotlight: George Lucas
	9. Evaluating Your Program	19. Quiz 4: Language and String Formatting
	10. Using Events	20. Review: Programming Algorithms
	11. Quiz 2: Analyzing Images and Program Evaluation	21. Test: Programming Algorithms
	12. Customer Relations	22. Glossary and Credits

Unit 8: Design and Development		
Introduction to Computer Science	Assignments	
	1. The Software Development Process	13. Visual Python
	2. Using the Internet	14. Quiz 3: Platforms and Licensing
	3. Can Anything Be Random?	15. VPython Applications
	4. Quiz 1: Software Development, the Internet, and Randomness	16. Global Connections
	6. Create a Game	17. Project: Design and Development
	8. Managing a Team	18. Career Spotlight: Steve Sfartz
	9. Best Practices	19. Quiz 4: VPython and Global Connections
	10. Quiz 2: Designing a Game and Teams	20. Review: Design and Development
	11. Multiple Computing Platforms	21. Test: Design and Development
	12. The License Police	22. Glossary and Credits

Unit 9: Laws and Security	
Introduction to Computer Science	Assignments
	1. Intellectual Property Law
	2. Privacy Concerns
	3. Malware
	4. Quiz 1: Intellectual Property, Privacy, and Malware
	6. Cybersecurity Measures
	8. Media Reliability Concerns
	9. Impact of Cybercrime
	10. Quiz 2: Cybersecurity and Media Reliability
	11. Workplace Crime
	12. Hackers and Unauthorized Access
	13. Solutions to Security Issues
	14. Quiz 3: Workplace Crime and Hackers
	15. Write Password Evaluator
	16. How "Useless" Math Research Made the Internet Safer
	17. Project: Research Project
	18. Career Spotlight: Peter Norton
	19. Quiz 4: Security Solutions
	20. Review: Laws and Security
	21. Test: Laws and Security
	22. Glossary and Credits

Unit 10: Ethics	
Introduction to Computer Science	Assignments
	1. Digital Citizenship
	2. Bias and Equity
	3. Ethics
	4. Quiz 1: Digital Citizenship, Bias, Equity, and Ethics
	6. Social Networking Issues
	8. Digital Etiquette
	9. Global Information Concerns
	10. Quiz 2: Social Issues and Global Concerns
	11. Collaboration Ethics
	12. Information Censorship
	13. Emerging Ethical Issues
	14. Quiz 3: Collaboration Ethics and Information Censorship
	15. Cultural Differences in a Team
	16. Project: Programming as a Team
	17. Online Education Issues
	18. Career Spotlight: Cheiko Asakawa
	19. Quiz 4: Emerging Ethical Issues
	20. Review: Ethics
	21. Test: Ethics
	22. Glossary and Credits

Unit 11: Applications	
Introduction to Computer Science	Assignments
	1. Web Programming
	2. Block Programming
	3. Pair Programming
	4. Quiz 1: Programming Methods
	6. Music and Video Files
	8. Python Art
	9. Application and Program Interfaces
	10. Quiz 2: Media and APIs
	11. Can You Beat the Computer?
	12. Mobile Applications
	13. Project: Create a Mobile App
	14. Would You Want to Work with You?
	15. Quiz 3: Mobile Apps and Work Readiness
	16. Should You Work Here?
	17. Project: You Are Tech Support
	18. Career Organizations
	19. Career Spotlight: Preparing for a Computer Science Career
	20. Quiz 4: Careers
	21. Review: Applications
	22. Test: Applications
	23. Glossary and Credits

Unit 12: Semester 2 Review and Exam	
ICS	Assignments
	1. Semester 2 Review: Introduction to Computer Science
	2. Semester 2 Exam: Introduction to Computer Science

ICS	<b>Unit 13: Final Exam</b>	
	<b>Assignments</b>	
	<ol style="list-style-type: none"><li>1. Course Review: Introduction to Computer Science</li><li>2. Final Exam: Introduction to Computer Science</li></ol>	

(\*) Indicates alternative assignment

## Music Appreciation

The goal of this semester-long course is to provide instruction in basic musical elements, trace the development and growth of classical music, and give students a strong foundation for a greater appreciation of music. Students will examine music in the world around them and discover how they experience music. They'll be introduced to the basic elements and sounds of music and instruments. Students will learn the names and backgrounds of several famous musical composers. Students will also learn how and where classical music began, how it developed over the centuries, and the ways in which music and culture affect each other. Lastly, students will examine the ways modern music has been influenced by classical music.

This course also provides students with lessons in engaged listening. These special lessons allow students to listen and respond to music. A template for how to listen and respond is provided.

- **Discovering Music:** Students will learn the basics of listening to, responding to, and participating in music, including completing independent projects that utilize engaged listening skills; students will also understand music from other cultures.
- **Music Fundamentals:** Students will understand the fundamentals of music, including key concepts such as rhythm, melody, harmony, form, expression, and the types and categories of musical instruments.
- **Beginnings of Music:** Students will examine early music history, spanning from medieval times to the Baroque era, and complete focused research and writing projects on the topic.
- **Developing Music:** Students will explore a variety of classical and romantic music, continuing to participate in independent engaged listening projects to continue advancement of key skills.
- **Modern Music:** Students will focus on music of the twentieth-century, including popular, Broadway, and film music, culminating in project requiring students to attend and critique a classical concert in their community.
- **Course Review and Exam:** Students will complete a full review of key course concepts, and demonstrate their mastery through a final examination.

Unit 1: Discovering Music	
Assignments	
Music Appreciation	1. Course Overview
	2. Appreciating Music
	3. Listening to Music
	4. Responding to Music
	5. Participating in Music
	6. Project: Music Response
	7. Quiz 1: The Music Experience
	8. Alternate Quiz 1 - Form A: The Music Experience*
	9. Alternate Quiz 1 - Form B: The Music Experience*
	10. Why Study Classical Music?
	11. Music in Other Cultures
	12. Folk Music
	13. Ethnic Music
	14. Project: Find Your Musical Heritage
	15. Project: Engaged Listening
	16. Quiz 2: Music in Society
	17. Alternate Quiz 2 - Form A: Music in Society*
	18. Alternate Quiz 2 - Form B: Music in Society*
	19. Special Project*
	20. Review
	21. Test
	22. Alternate Test - Form A*
	23. Alternate Test - Form B*
	24. Glossary and Credits

Unit 2: Music Fundamentals		
Music Appreciation	Assignments	
	1. Rhythm	13. Musical Ensembles
	2. Melody	14. Project: Engaged Listening
	3. Harmony	15. Project: Creative Instrumentation
	4. Form	16. Quiz 2: Making Music
	5. Expression	17. Alternate Quiz 2 - Form A: Making Music*
	6. Project: Engaged Listening	18. Alternate Quiz 2 - Form B: Making Music*
	7. Project: Music Response	19. Special Project*
	8. Quiz 1: Understanding Music	20. Review
	9. Alternate Quiz 1 - Form A: Understanding Music*	21. Test
	10. Alternate Quiz 1 - Form B: Understanding Music*	22. Alternate Test - Form A*
	11. Wind Instruments	23. Alternate Test - Form B*
	12. Stringed Instruments & Beyond	24. Glossary and Credits
Unit 3: Beginnings of Music		
Music Appreciation	Assignments	
	1. Life in Medieval Times	14. Baroque Composers
	2. Music of the Medieval Era	15. Project: Engaged Listening
	3. Renaissance Life	16. Project: Patron of the Arts
	4. Music of the Renaissance	17. Quiz 2: The Baroque Era (1600-1750)
	5. Project: Engaged Listening	18. Alternate Quiz 2 - Form A: The Baroque Era (1600-1750)*
	6. Project: Renaissance Moods	19. Alternate Quiz 2 - Form B: The Baroque Era (1600-1750)*
	7. Quiz 1: Medieval and Renaissance Eras	20. Special Project*
	8. Alternate Quiz 1 - Form A: Medieval and Renaissance Eras*	21. Review
	9. Alternate Quiz 1 - Form B: Medieval and Renaissance Eras*	22. Test
	10. Life during Baroque Times	23. Alternate Test - Form A*
	11. Baroque Musical Style	24. Alternate Test - Form B*
	12. Baroque Forms and Genres	25. Glossary and Credits
	13. The Birth of Opera	
Unit 4: Developing Music		
Music Appreciation	Assignments	
	1. Life in the Classical Period	13. Nationalism
	2. Classical Music	14. Project: Engaged Listening
	3. Classical Forms and Genres	15. Project: Art
	4. Leading Classical Composers	16. Quiz 2: The Romantic Era (1820-1900)
	5. Project: Engaged Listening	17. Alternate Quiz 2 - Form A: The Romantic Era (1820-1900)*
	6. Project: Composer Under Suspicion	18. Alternate Quiz 2 - Form B: The Romantic Era (1820-1900)*
	7. Quiz 1: The Classical Era (1750-1820)	19. Special Project*
	8. Alternate Quiz 1 - Form A: The Classical Era (1750-1820)*	20. Review
	9. Alternate Quiz 1 - Form B: The Classical Era (1750-1820)*	21. Test
	10. Life in the Romantic Age	22. Alternate Test - Form A*
	11. Romantic Musical	23. Alternate Test - Form B*
	12. Romantic Genres & Form	24. Glossary and Credits
Unit 5: Modern Music		
Music Appreciation	Assignments	
	1. Life and Music in the Twentieth Century	13. Project: Engaged Listening
	2. Twentieth-Century Musical Style	14. Project: Concert Experience

	3.	Modernism	15.	Quiz 2: Twentieth Century American Music
	4.	Beyond 1950	16.	Alternate Quiz 2 - Form A: Twentieth Century American Music*
	5.	Project: Engaged Listening	17.	Alternate Quiz 2 - Form B: Twentieth Century American Music*
	6.	Project: Serialism	18.	Project: Defense of a Music Era
	7.	Quiz 1: Twentieth Century Trends (1900-2000)	19.	Special Project*
	8.	Alternate Quiz 1 - Form A: Twentieth Century Trends (1900-2000)*	20.	Review
	9.	Alternate Quiz 1 - Form B: Twentieth Century Trends (1900-2000)*	21.	Test
	10.	The Good Ol' USA	22.	Alternate Test - Form A*
	11.	Popular Music	23.	Alternate Test - Form B*
	12.	Broadway and Film Music	24.	Glossary and Credits

Unit 6: Course Review and Exam				
MA	Assignments			
	1.	Units 1-2 Review	4.	Alternate Exam - Form A*
	2.	Units 3-5 Review	5.	Alternate Exam - Form B*
	3.	Exam		

## Music Theory

Students will explore the nature of music, integrating the key concepts of rhythm and meter, written music notation, the structure of various scale types, interval qualities, melody and harmony, the building of chords, and transposition. Throughout the series of assignments, ear training exercises are interspersed with the bones of composition technique, building in students the ability not only to hear and appreciate music, but step-by-step, to create it in written form as well. This highly interactive course culminates in the students producing original compositions, which while based on standard notation, demonstrate facets of personal expression. As the students' ability to perform increases in the future, they will better understand music and therefore better demonstrate its intrinsic communication of emotion and ideas.

- **Rhythm and Meter:** Students will build a foundational understanding of the elements of musical rhythm and meter, including the measure of different notes, time signatures, and special rhythms; additionally, students will participate in ear training exercises to build their skill in this area.
- **Notation and Pitch:** Students will identify musical symbols, intervals, and instrumentation, and will be able to use this knowledge to compose and original melody.
- **Scales and Key Signatures:** Students will examine scaled and both major and minor keys; projects include ongoing ear training exercises, the transposition of a melody to a new key, and the composition of original, non-diatonic melodies.
- **Harmony:** Students will construct an understanding of the key aspects of harmony including the various categories of intervals and triads, and participate in ongoing ear training exercises; this unit culminates in the independent composition of a simple accompaniment.
- **Making Music:** Students will actively participate in the interpretation and composition of music, utilizing their knowledge of musical elements such as rhythm, pitch, key, harmony, and expression.
- **Course Review and Exam:** Students will complete a full review of key course concepts, and demonstrate their mastery through a final examination.

Unit 1: Rhythm and Meter	
Music Theory	Assignments
	1. Course Overview
	2. So, Why Study Music Anyway?
	3. Feeling the Beat
	4. The Value of a Note
	5. Measuring Music
	6. The Value of Silence
	7. Dots and Ties
	8. Ear Training #1 - Rhythm 1
	9. Quiz 1: Introduction to Rhythm
	10. Alternate Quiz 1 - Form A: Introduction to Rhythm*
	11. Alternate Quiz 1 - Form B: Introduction to Rhythm*
	12. 4/4 - The Basic Time Signature
	13. Going Beyond 4/4
	14. Still More Time Signatures
	15. Counting a Bit Faster
	16. Ear Training #2 - Rhythm 2
	17. Special Rhythms
	18. Creating a Rhythmic Piece
	19. Quiz 2: Time Signature
	20. Alternate Quiz 2 - Form A: Time Signature*
	21. Alternate Quiz 2 - Form B: Time Signature*
	22. Special Project*
	23. Review
	24. Test
	25. Alternate Test - Form A*
	26. Alternate Test - Form B*
	27. Glossary and Credits
Unit 2: Notation and Pitch	
Music Theory	Assignments
	1. The Printed Page
	2. The Musical Alphabet
	3. Altering Pitches
	4. Ear Training #3: Pitch
	5. Direction and Signs
	16. Alternate Quiz 2 - Form B: The Sound of Music*
	17. Voicings
	18. Instrumentation
	19. Instrumentation 2
	20. Ear Training #5: Identifying Instruments

	6.	Quiz 1: The Look of Music	21.	Quiz 3: The Source of Music
	7.	Alternate Quiz 1 - Form A: The Look of Music*	22.	Alternate Quiz 3 - Form A: The Source of Music*
	8.	Alternate Quiz 1 - Form B: The Look of Music*	23.	Alternate Quiz 3 - Form B: The Source of Music*
	9.	Musical Intervals	24.	Special Project*
	10.	Writing Musical Intervals	25.	Review
	11.	Ear Training #4: Intervals	26.	Test
	12.	From Interval to Melody	27.	Alternate Test - Form A*
	13.	Project: Composing a Simple Melody	28.	Alternate Test - Form B*
	14.	Quiz 2: The Sound of Music	29.	Glossary and Credits
	15.	Alternate Quiz 2 - Form A: The Sound of Music*		

### Unit 3: Scales and Key Signatures

#### Assignments

Music Theory	1.	Introduction to the Scale	13.	Changing Keys
	2.	The Minor Scale	14.	Project: Transposing Melodies
	3.	Other Scales	15.	Quiz 2: Musical Key Signatures
	4.	Ear Training #6: Scales	16.	Alternate Quiz 2 - Form A: Musical Key Signatures*
	5.	Project: Composing Non-Diatonic Melodies	17.	Alternate Quiz 2 - Form B: Musical Key Signatures*
	6.	Quiz 1: Musical Scales	18.	Special Project*
	7.	Alternate Quiz 1 - Form A: Musical Scales*	19.	Review
	8.	Alternate Quiz 1 - Form B: Musical Scales*	20.	Test
	9.	Employing Scales as Keys	21.	Alternate Test - Form A*
	10.	Identifying Major Keys	22.	Alternate Test - Form B*
	11.	Identifying Minor Keys	23.	Glossary and Credits
	12.	Comparing Major and Minor Keys		

### Unit 4: Harmony

#### Assignments

Music Theory	1.	Interval Quality	13.	Ear Training #10: Hearing Triads
	2.	Ear Training #7: Major or Minor?	14.	Using Triads and Chords
	3.	Perfect Intervals	15.	Project: Creating a Simple Accompaniment
	4.	Ear Training #8: Major, Minor, or Perfect?	16.	Quiz 2: Working with Chords
	5.	Augmented and Diminished Intervals	17.	Alternate Quiz 2 - Form A: Working with Chords*
	6.	Ear Training #9: Harmony or Dissonance?	18.	Alternate Quiz 2 - Form B: Working with Chords*
	7.	Quiz 1: Beginning to Harmonize	19.	Special Project*
	8.	Alternate Quiz 1 - Form A: Beginning to Harmonize*	20.	Review
	9.	Alternate Quiz 1 - Form B: Beginning to Harmonize*	21.	Test
	10.	Building Triads	22.	Alternate Test - Form A*
	11.	Comparing Triads	23.	Alternate Test - Form B*
	12.	Inverting Triads	24.	Glossary and Credits



Unit 5: Making Music		
Music Theory	Assignments	
	1. Musical Performance	13. You're the Composer
	2. Musical Performance 2	14. Original Composition
	3. Ornamentation	15. Quiz 2: Finding Your Voice
	4. Phrasing	16. Alternate Quiz 2 - Form A: Finding Your Voice*
	5. Style	17. Alternate Quiz 2 - Form B: Finding Your Voice*
	6. Ear Training #11: Listening for Musical Expression	18. Special Project*
	7. Quiz 1: Interpreting Music	19. Review
	8. Alternate Quiz 1 - Form A: Interpreting Music*	20. Test
	9. Alternate Quiz 1 - Form B: Interpreting Music*	21. Alternate Test - Form A*
	10. Applications of Music	22. Alternate Test - Form B*
	11. Arranging	23. Glossary and Credits
	12. Composition Principles	
Unit 6: Course Review and Exam		
Music Theory	Assignments	
	1. Review	4. Alternate Exam - Form A*
	2. Exam	5. Alternate Exam - Form B*

Upon completion of Personal Financial Literacy, students should possess the knowledge and skills needed to do the following:

- Find and evaluate financial information from a variety of sources when making personal financial decisions.
- Understand the role of income, taxes, and research in developing and planning a career path.
- Develop systems for managing money (including saving and investing) tied to personal financial goals.
- Recognize and understand a consumer's rights and responsibilities in a complex world market.

Unit 2: Careers and Income	
Assignments	
1. Exploring Career Options	12. Project: Tax Forms
2. Starting a Business	13. Quiz 2: Income and Taxes
3. Project: Self-Reflection	14. Alternate Quiz 2 - Form A: Income and Taxes*
4. Career Path	15. Alternate Quiz 2 - Form B: Income and Taxes*
5. Project: Reaching My Career Goals	16. Special Project*
6. Quiz 1: Careers	17. Review
7. Alternate Quiz 1 - Form A: Careers*	18. Test
8. Alternate Quiz 1 - Form B: Careers*	19. Alternate Test - Form A*
9. Sources of Income	20. Alternate Test - Form B*
10. My Paycheck	21. Glossary and Credits
11. Taxes	

Unit 3: Money Management		
Personal Financial Literacy	Assignments	
	1. Overview of a Budget	17. Alternate Quiz 2 - Form A: Financial Institutions and Services*
	2. Project: Spending Diary	18. Alternate Quiz 2 - Form B: Financial Institutions and Services*
	3. Spending	19. Financial Risks
	4. Money Management Tools	20. Project: Manage the Risks
	5. Project: Create a Budget	21. Quiz 3: Risks
	6. Quiz 1: Budget	22. Alternate Quiz 3 - Form A: Risks*
	7. Alternate Quiz 1 - Form A: Budget*	23. Alternate Quiz 3 - Form B: Risks*
	8. Alternate Quiz 1 - Form B: Budget*	24. Special Project*
	9. Financial Institutions	25. Review
	10. Project: Selecting a Bank	26. Test
	11. Services, Tools, and Resources	27. Alternate Test - Form A*
	12. Checking Account	28. Alternate Test - Form B*
	13. Project: Choosing a Checking Account	29. Glossary and Credits
	14. Project: Checkbook	
	15. Online Banking	
	16. Quiz 2: Financial Institutions and Services	
Unit 4: Saving and Investing		
Personal Financial Literacy	Assignments	
	1. It Pays to Save	12. Project: Portfolio
	2. Savings Account	13. Quiz 2: Investing
	3. Special Savings Accounts	14. Alternate Quiz 2 - Form A: Investing*
	4. Project: Where Should I Save?	15. Alternate Quiz 2 - Form B: Investing*
	5. Quiz 1: Saving	16. Special Project*
	6. Alternate Quiz 1 - Form A: Saving*	17. Review
	7. Alternate Quiz 1 - Form B: Saving*	18. Test
	8. Overview of Investing	19. Alternate Test - Form A*
	9. Stocks	20. Alternate Test - Form B*
	10. Project: Tracking Stock	21. Glossary and Credits
	11. Financial Planning	

Unit 5: Credit, Debt, and Consumer Skills		
Personal Financial Literacy	Assignments	
	1. Debt and Stewardship	15. Alternate Quiz 2 - Form A: Loans*
	2. Credit Cards	16. Alternate Quiz 2 - Form B: Loans*
	3. Project: Selecting a Credit Card	17. Consumer Rights
	4. Creditworthy	18. Consumer Purchases
	5. Credit Problems	19. Project: Smart Consumer
	6. Quiz 1: Credit	20. Quiz 3: Consumers
	7. Alternate Quiz 1 - Form A: Credit*	21. Alternate Quiz 3 - Form A: Consumers*
	8. Alternate Quiz 1 - Form B: Credit*	22. Alternate Quiz 3 - Form B: Consumers*
	9. Overview of Loans	23. Special Project*
	10. Mortgages	24. Review
	11. Other Loans	25. Test
	12. Project: Making a Large Purchase	26. Alternate Test - Form A*
	13. Rent or Buy	27. Alternate Test - Form B*
	14. Quiz 2: Loans	28. Glossary and Credits
Unit 6: Course Review and Exam		
PFL	Assignments	
	1. Review	3. Alternate Exam - Form A*
	2. Exam	4. Alternate Exam - Form B*

## Physical Education

Physical Education is a semester-long elective designed for high school students. The course focuses on performance of individual and team sports, with explanations of proper technique, rules of the game, and preparation. Team sports introduced include soccer, basketball, football, baseball, and volleyball. An introduction to fitness, strength, endurance, and nutrition is also included.

Students will have the opportunity to perform each sport on their own time, while keeping a log of activity. The goal is incorporation of activity into their daily lives and the gain of lifelong healthy fitness habits.

Throughout the course, students may be asked to answer questions or to reflect on what they've read in their notes. The notes are not graded. Rather, they are a way for students to extend their thinking about the lesson content. Students may keep handwritten or typed notes.

Upon completion of Physical Education, students should possess the knowledge and skills needed to do the following:

- Define physical fitness and describe the components of being physically fit
- Evaluate their fitness level
- Apply physical fitness, nutrition-related, and weight-management skills to their lives
- Understand and apply safe exercise rules
- Describe the history and rules of sports such as basketball, baseball, football, soccer, volleyball, and gymnastics
- Describe and apply skills needed for a variety of sports

Unit 1: Physical Education		
Physical Education	Assignments	
	1. Course Overview	26. Project: Modern Baseball
	2. Defining Physical Fitness	27. Baseball History
	3. Principles of Training	28. Project: Baseball History
	4. Project: Principles of Training	29. Volleyball
	5. Risk Factors and Behaviors	30. Project: Volleyball
	6. Project: Risk Factors and Behaviors	31. Title IX and Gender Issues in Sports
	7. Balance and Flexibility	32. Project: Title IX and Gender Issues in Sports
	8. How the Heart Works	33. Olympics
	9. Project: How the Heart Works	34. Project: Olympics
	10. Muscular Strength and Endurance	35. Controversy in the Olympic Games
	11. Evaluating Your Fitness Level	36. Project: Controversy in the Olympic Games
	12. Nutrition	37. Golf
	13. Project: Nutrition	38. Project: Golf
	14. Weight Management	39. Tennis
	15. Responsible Choices	40. Swimming
	16. Project: Responsible Choices	41. Project: Swimming
	17. Handling Your Stress	42. Gymnastics
	18. Exercise Safety	43. Running
	19. Soccer	44. Project: Running
	20. Project: Soccer	45. Racewalking
	21. Basketball Overview	46. Careers in Sports
	22. Project: Basketball Overview	47. Project: Careers in Sports
	23. Understanding Football	48. Test
	24. Project: Understanding Football	49. Glossary and Credits
	25. Modern Baseball	

## Physical Fitness

Physical Fitness is a semester-length elective designed for high school students. The course focuses on the health benefits of regular physical activity and of a long term exercise program.

As students work through the course, they will learn about the many aspects of physical fitness, including basic nutrition, the importance of flexibility, cardiovascular health, muscle and strength training, and realistic goal setting. Along the way, students will be required to maintain and submit an activity log in order to measure progress in course exercises, as well as in personal fitness goals.

Upon completion of Physical Fitness, students should possess the knowledge and skills needed to do the following:

- Analyze the key components of successful physical activity and use this analysis to determine if a program is reasonable and effective.
- Describe the three main types of physical activity that should be included in a exercise regime and the health benefits of each.
- Perform basic fitness exercises associated with the three main types of physical activity discussed in this course.
- Identify the main motivational strategies that can be used to help the student continue in positive fitness habits once this course is completed.

Unit 1: An Overview of Fitness		
Assignments		
Physical Fitness	1. Course Overview	13. What is Nutrition?
	2. What is Physical Fitness?	14. Weight Control
	3. Why Should I Exercise?	15. Putting the Pieces Together
	4. Quiz 1: Physical Fitness and Exercise	16. Project: Food Analysis
	5. Alternate Quiz 1-Form A: Physical Fitness and Exercise*	17. Quiz 3: Basic Nutrition
	6. Alternate Quiz 1-Form B: Physical Fitness and Exercise*	18. Alternate Quiz 3-Form A: Basic Nutrition*
	7. Physical Benefits	19. Alternate Quiz 3-Form B: Basic Nutrition*
	8. Mental and Emotional Benefits	20. Special Project*
	9. Longevity	21. Review
	10. Quiz 2: Benefits of Exercise	22. Test
	11. Alternate Quiz 2-Form A: Benefits of Exercise*	23. Alternate Test-Form A*
	12. Alternate Quiz 2-Form B: Benefits of Exercise*	24. Alternate Test-Form B*
		25. Glossary and Credits

Unit 2: Flexibility Training		
Physical Fitness	Assignments	
	1. Daily Activity versus Planned Exercise	13. Correct Motion and Breathing
	2. Project: Using the Activity Log	14. Project: Upper Body Flexibility Exercises
	3. Warm-ups and Cool-Downs	15. Project: Lower Body Flexibility Exercises
	4. Quiz 1: Planning Daily Exercise	16. Project: Whole Body Flexibility Exercises
	5. Alternate Quiz 1-Form A: Planning Daily Exercise*	17. Unit 2 Activity Log
	6. Alternate Quiz 1-Form B: Planning Daily Exercise*	18. Special Project*
	7. Is Stretching Exercise?	19. Review
	8. Physical Benefits of Stretching	20. Test
	9. Project: Test your Flexibility	21. Alternate Test-Form A*
	10. Quiz 2: Stretching	22. Alternate Test-Form B*
	11. Alternate Quiz 2-Form A: Stretching*	23. Glossary and Credits
	12. Alternate Quiz 2-Form B: Stretching*	
Unit 3: Cardiovascular Fitness		
Physical Fitness	Assignments	
	1. What Defines Cardiovascular Exercise?	15. Project: High Intensity Calorie Burning
	2. Benefits of Cardiovascular Training	16. Quiz 3: Cardiovascular Exercise and Weight Control
	3. Project: Test Your Cardiovascular Fitness Level	17. Alternate Quiz 3-Form A: Cardiovascular Exercise and Weight Control*
	4. Quiz 1: Cardiovascular Training	18. Alternate Quiz 3-Form B: Cardiovascular Exercise and Weight Control*
	5. Alternate Quiz 1-Form A: Cardiovascular Training*	19. Unit 3 Activity Log
	6. Alternate Quiz 1-Form B: Cardiovascular Training*	20. Special Project*
	7. Intensity Versus Duration	21. Review
	8. Project: Walking Drills	22. Test
	9. Project: Wind Sprints	23. Alternate Test-Form A*
	10. Quiz 2: Intensity Versus Duration	24. Alternate Test-Form B*
	11. Alternate Quiz 2-Form A: Intensity Versus Duration*	25. Glossary and Credits
	12. Alternate Quiz 2-Form B: Intensity Versus Duration*	
	13. Cardiovascular Exercise and Weight Control	
	14. Project: Low Impact Calorie Burning	
Unit 4: Resistance Training		
Physical Fitness	Assignments	
	1. What is Strength Training?	13. Quiz 2: The Resistance Training Workout
	2. How is Muscular Strength Developed?	14. Alternate Quiz 2-Form A: The Resistance Training Workout*
	3. Project: Test Your Muscular Strength and Endurance	15. Alternate Quiz 2-Form B: The Resistance Training Workout*
	4. Quiz 1: Resistance Training	16. Unit 4 Activity Log
	5. Alternate Quiz 1-Form A: Resistance Training*	17. Special Project*
	6. Alternate Quiz 1-Form B: Resistance Training*	18. Review
	7. A Combination of Resistance and Repetitions	19. Test
	8. Project: Isolating the Upper Body	20. Alternate Test-Form A*
	9. Project: Isolating the Lower Body	21. Alternate Test-Form B*
	10. Project: Developing Your Core	22. Glossary and Credits
	11. Project: Graded Resistance Exercise Performance	
	12. Strength Training and Weight Control	



Unit 5: Motivation and Mindset		
Physical Fitness	Assignments	
	1. Developing a Realistic Mindset and Goals	14. Success Strategies
	2. Adapting the Program Over Time	15. Project: Try a Strategy for Success
	3. Project: Flexibility and Cardiovascular Exercise Workout	16. Project: A Resistance Training and Flexibility Workout
	4. Quiz 1: Motivation and Mindset	17. Quiz 3: Staying Motivated
	5. Alternate Quiz 1-Form A: Motivation and Mindset*	18. Alternate Quiz 3-Form A: Staying Motivated*
	6. Alternate Quiz 1-Form B: Motivation and Mindset*	19. Alternate Quiz 3-Form B: Staying Motivated*
	7. Overuse injuries	20. Unit 5 Activity Log
	8. Breaks and Plateaus	21. Special Project*
	9. Project: A Cardiovascular Exercise Workout	22. Review
	10. Quiz 2: Dealing with Setbacks	23. Test
	11. Alternate Quiz 2-Form A: Dealing with Setbacks*	24. Alternate Test-Form A*
	12. Alternate Quiz 2-Form B: Dealing with Setbacks*	25. Alternate Test-Form B*
	13. Understanding Discouragement and Motivation	26. Glossary and Credits
Unit 6: Course Review and Exam		
PF	Assignments	
	1. Review	3. Alternate Exam-Form A*
	2. Exam	4. Alternate Exam-Form B*

## Probability and Statistics A

Semester A of Probability of Statistics is designed to give 11th- and 12th-grade students an overview of basic concepts of statistics, with an emphasis on descriptive statistics. The semester begins with the key concepts of data, samples, and populations. Students will create visual representations of data sets, such as histograms and bar graphs. Students will describe the central tendency and spread of data for a data set. Students will look for patterns in a data set and determine models based on those patterns.

Each of the five units includes twelve lessons and one project. Each lesson has a minimum of thirteen formative assessment questions to enable students and their teacher to gauge student understanding. Summative assessments include three quizzes in each unit, a test for each unit, and a semester exam covering all five units. Each project uses concepts covered in the unit.

- Unit 1: Describe the types of statistics, types of data, types of studies, and sampling methods.
- Unit 2: Create visual representations of data sets using dot plots, stem-and-leaf displays, scatter plots, and find the model that best represents the data.
- Unit 3: Describe the central tendency of a data set using various measures.
- Unit 4: Describe the dispersion of a data set using both numerical measures and visual representations.
- Unit 5: Apply concepts learned in this lesson to a variety of real world applications.

Unit 1: INTRODUCTION TO STATISTICS	
Assignments	
Probability and Statistics A	1. Course Overview
	2. Types of Statistics
	3. Types of Data
	4. Discrete and Continuous Data
	5. Sample and Population
	6. Quiz: Data
	7. Alternate Quiz: Data*
	8. Collecting Data
	9. Sampling Bias
	10. Simple Random Samples
	11. Surveys
	12. Quiz: Recognizing Bias
	13. Alternate Quiz: Recognizing Bias*
	14. Observational Studies
	15. Experiments
	16. Stratified Random Samples
	17. Interpreting Results
	18. Project: The Challenge to Be Random
	19. Quiz: Types of Studies
	20. Alternate Quiz: Types of Studies*
	21. Unit Review
	22. Test: Introduction to Statistics
	23. Alternate Test: Introduction to Statistics*

Unit 2: PRESENTING DATA		
Probability and Statistics A	Assignments	
	1. Simple Plots	13. Using Technology to Determine a Line of Best Fit
	2. Histograms and Bar Graphs	14. Nonlinear Relationships
	3. Central Tendency and Spread	15. Transforming Linear Functions by Vertical Change
	4. Scatter Plots	16. Transforming Linear Functions by Changing the Slope
	5. Quiz: Displays	17. Project: Line of Best Fit
	6. Alternate Quiz: Displays*	18. Quiz: Best Fit Functions
	7. Graphical Line of Best Fit	19. Alternate Quiz: Best Fit Functions*
	8. Slope of a Line	20. Unit Review
	9. Finding the Equation of a Line of Best Fit	21. Test: Presenting Data
	10. Interpreting the Line of Best Fit	22. Alternate Test: Presenting Data*
	11. Quiz: Line of Best Fit	23. Glossary and Credits
	12. Alternate Quiz: Line of Best Fit*	
Unit 3: MEASURES OF CENTRAL TENDENCY		
Probability and Statistics A	Assignments	
	1. The Mean	13. Frequency Tables and the Mean
	2. The Median	14. The Midrange
	3. The Mode	15. Cumulative Frequency
	4. Sample and Population Mean	16. Cumulative Frequency Graphs
	5. Quiz: Mean, Median, and Mode	17. Project: Data Collection
	6. Alternate Quiz: Mean, Median, and Mode*	18. Quiz: Using Frequency
	7. Comparing Measures of Central Tendency	19. Alternate Quiz: Using Frequency*
	8. Frequency Tables and the Mode	20. Unit Review
	9. Grouped Frequency Tables and the Modal Class	21. Test: Measures of Central Tendency
	10. Frequency Tables and the Median	22. Alternate Test: Measures of Central Tendency*
	11. Quiz: Frequency Tables	23. Glossary and Credits
	12. Alternate Quiz: Frequency Tables*	
Unit 4: MEASURES OF DISPERSION		
Probability and Statistics A	Assignments	
	1. Range	13. Estimating Population Dispersion
	2. Variance	14. Irregular Data Sets
	3. Standard Deviation	15. Sampling Distribution
	4. Normal Distributions	16. Other Distribution Shapes
	5. Quiz: Dispersion	17. Project: Describing Data
	6. Alternate Quiz: Dispersion*	18. Quiz: Distributions
	7. Percentile	19. Alternate Quiz: Distributions*
	8. Interquartile Range	20. Unit Review
	9. The Five Key Points	21. Test: Measures of Dispersion
	10. Box Plots	22. Alternate Test: Measures of Dispersion*
	11. Quiz: Dispersion Displays	
	12. Alternate Quiz: Dispersion Displays*	

Unit 5: APPLICATIONS		
Probability and Statistics A	Assignments	
	1. Comparing Two Populations	13. Comparing Results for Cigarettes and Lung Cancer
	2. Marginal and Joint Frequencies	14. Using Technology for Nonlinear Distributions
	3. Projecting to a Population	15. Power Functions
	4. Categorical Data Analysis	16. Logarithmic Relationships
	5. Quiz: Populations	17. Project: Experimental Drug Study
	6. Alternate Quiz: Populations*	18. Quiz: Analyzing Data
	7. An Experimental Drug Study	19. Alternate Quiz: Analyzing Data*
	8. Test Scores	20. Unit Review
	9. Cigarettes and Lung Cancer	21. Test: Applications
	10. Another Look at Cigarettes and Lung Cancer	22. Alternate Test: Applications*
	11. Quiz: Conducting Studies	23. Glossary and Credits
	12. Alternate Quiz: Conducting Studies*	
Unit 6: SEMESTER REVIEW AND EXAM		
	Assignments	
	1. Semester Review	3. Alternate Semester Exam*
	2. Semester Exam	

(\*) Indicates alternative assignment

## Psychology

Psychology is an introductory elective course for high school students. Throughout the course, students will examine influences on human actions and beliefs, factors influencing behavior and perception, and basic psychological theories. Students will develop and apply their understanding of psychology through lessons and projects that require interaction and observation of others.

- **Unit 1:** Students will be introduced to the beginnings of psychology, research methods, and ethics of the profession.
- **Unit 2:** Students will examine the biology of behavior, sensory processes, motivation, and stress.
- **Unit 3:** Students will learn about the stages of human development and personality.
- **Unit 4:** Students will discover the different methods of learning, aspects of memory, language, and levels of consciousness.
- **Unit 5:** Students will explore mental disorders and abnormal behaviors and how to treat them. They will also determine why people obey and influence other's behavior.

Unit 1: INTRODUCTION AND METHODS	
Assignments	
Psychology	1. Course Overview
	2. Introduction to Psychology
	3. Experimental Psychology and Schools of Thought
	4. More About Psychological Perspectives
	5. Report: Influential Psychologists
	6. Psychological Fields and Careers
	7. Report: Understanding More about Careers in Psychology
	8. Quiz 1: Introduction to Psychology
	9. Research and Methods
	10. Statistics
	11. Balancing Right and Wrong (Ethics)
	12. Experiment: Bouba-Kiki Effect
	13. Essay: What Would You Do?
	14. Quiz 2: Research and Methods
	15. Special Project*
	16. Review
	17. Test
	18. Alternate Test*
	19. Glossary and Credits

Unit 2: BIOPSYCHOSOCIAL PSYCHOLOGY	
Assignments	
Psychology	1. The Biology Behind Our Behavior
	2. Sensory Processes
	3. Project: Blind Spots
	4. Project: Smell vs. Taste
	5. Quiz 1: Biology and Sensory Processes
	6. Motivation
	7. Essay: What Motivates You?
	8. Values and Expectations
	9. Stress
	10. Essay: Reflecting on Stress in Your Life
	11. Quiz 2: Motivation, Emotion, Stress
	12. Special Project*
	13. Review
	14. Test
	15. Alternate Test*
	16. Glossary and Credits

Unit 3: DEVELOPMENTAL PSYCHOLOGY	
Assignments	
Psychology	1. Lifespan Development
	2. Piaget and Erikson: Theories of Development
	3. Critical Periods
	4. Research: Hereditary Conditions and Deformities
	5. Quiz 1: Lifespan Development
	9. Personality Tests
	10. Essay: Character Counts
	11. Quiz 2: Personality
	12. Special Project*
	13. Review

6. What is Personality?	14. Test
7. Free Will vs. Determinism	15. Alternate Test*
8. Essay: Do You Have a Choice?	16. Glossary and Credits

Unit 4: COGNITIVE PSYCHOLOGY	
Assignments	
1. What is Learning?	12. Consciousness and Sleep
2. Conditioning	13. Dreams
3. Observational Learning	14. Report: Dream Analysis
4. Essay: Who is Your Role Model?	15. Research: Hypnosis
5. Quiz 1: Learning	16. Quiz 3: Thinking, Language, Consciousness, and Sleep
6. Memory	17. Special Project*
7. The Brain and Memory	18. Review
8. Project: Serial Position Effect	19. Test
9. Quiz 2: Memory	20. Alternate Test*
10. Thinking	21. Glossary and Credits
11. Language	

Unit 5: ABNORMAL AND GROUP BEHAVIOR	
Assignments	
1. Abnormal Behavior	9. Project: Conformity
2. Mental Disorders	10. Essay: How Can You Use Influence for Good?
3. Treating Disorders	11. Quiz 2: Group Behavior
4. Report: Medication	12. Special Project*
5. Quiz 1: Abnormal Behavior	13. Review
6. Obedience to Authority	14. Test
7. Altruism	15. Alternate Test*
8. Social Influence and Conformity	16. Glossary and Credits

Unit 6: COURSE REVIEW AND EXAM	
Assignments	
1. Review	2. Exam
3. Alternate Exam*	

(\*) Indicates alternative assignment

## Spanish I

Spanish I is an entry level high school foreign language course that explores the Spanish language through communication, culture, connections, comparisons, and communities.

Course materials are designed to support students as they work to gain a basic proficiency in speaking, listening, reading, and writing Spanish, and in cultural competency.

Upon completion of the course, students should be able to do the following:

- Use Spanish in everyday situations in a basic manner and in both oral and written communication.
- Use vocabulary necessary to function as a tourist in Spanish-speaking countries.
- Demonstrate a basic knowledge of the Spanish-speaking world.
- Listen to and understand basic passages in Spanish related to various themes.
- Read and understand basic passages in Spanish related to various themes.
- Compare and contrast cultural aspects of Hispanic countries and the United States.

Spanish I introduces students to the mechanics of the Spanish language, acquaints them with the cultural differences of Hispanic countries, and helps them gain a keen awareness of their own culture.

Unit 1: Amigos en el Mundo		
Spanish I	Assignments	
	1. Course Overview	1. Course Overview
	2. A comenzar: Las primeras palabras	2. Let's Start: The First Words
	3. ¿Dónde se habla español en el mundo?	3. Where in the World is Spanish Spoken?
	4. El alfabeto	4. The Alphabet
	5. Saludos y expresiones	5. Expressions for Greeting People
	6. Cómo saludamos en los países de habla hispana	6. How to Greet Someone in a Spanish Speaking Country
	7. Prueba 1: El español en el mundo	7. Quiz 1: Spanish in the World
	8. Prueba alterna - Versión A: El español en el mundo*	8. Alternate Quiz - Form A: Spanish in the World*
	9. Prueba alterna - Versión B: El español en el mundo*	9. Alternate Quiz - Form B: Spanish in the World*
	10. Los pronombres: Primera parte	10. Subject Pronouns: Part One
	11. Los pronombres: Segunda parte	11. Subject Pronouns: Part Two
	12. Los nombres y los artículos definidos	12. Nouns and Definite Articles
	13. Los colores: Una introducción a los adjetivos	13. Colors: An Introduction to Adjectives
	14. Practiquemos más adjetivos	14. Let's Practice More Adjectives
	15. Prueba 2: Pronombres y géneros	15. Quiz 2: Pronouns and Gender
	16. Prueba alterna - Versión A: Pronombres y géneros*	16. Alternate Quiz - Form A: Pronouns and Gender*
	17. Prueba alterna - Versión B: Pronombres y géneros*	17. Alternate Quiz - Form B: Pronouns and Gender*
	18. En clase	18. In the Classroom
	19. Los verbos	19. Verbs
	20. Más verbos	20. More Verbs
	21. Prueba 3: El presente	21. Quiz 3: Present Tense
	22. Prueba alterna - Versión A: El presente*	22. Alternate Quiz - Form A: Present Tense*
	23. Prueba alterna - Versión B: El presente*	23. Alternate Quiz - Form B: Present Tense*
	24. Proyecto: ¡Vamos a viajar!	24. Project: Let's Travel!
	25. Proyecto Especial*	25. Special Project*
	26. Repaso	26. Review
	27. Examen	27. Exam
	28. Examen alterno - Versión A*	28. Alternate Exam - Form A*
	29. Examen alterno - Versión B*	29. Alternate Exam - Form B*
	30. Glosario y créditos	30. Glossary and Credits



Unit 2: Amigos en Ee.Uu.		
Assignments		
Spanish I	1. Las oportunidades de usar el español	1. Opportunities to Use Spanish
	2. Lo que no hacemos	2. What We Don't Do
	3. Los números parte 1	3. Numbers Part 1
	4. Los números parte 2	4. Numbers Part 2
	5. ¿Qué día es hoy?	5. What Day is Today?
	6. ¿Qué hora es?	6. What Time is It?
	7. Más sobre la hora	7. More about Time
	8. Prueba 1: El horario del viaje	8. Quiz 1: The Schedule of the Trip
	9. Prueba alterna - Versión A: El horario del viaje*	9. Alternate Quiz - Form A: The Schedule of the Trip*
	10. Prueba alterna - Versión B: El horario del viaje*	10. Alternate Quiz - Form B: The Schedule of the Trip*
	11. ¿Formal o no?	11. Formal or Informal?
	12. ¿Cómo es?	12. What is He or She Like?
	13. Segunda conjugación	13. Second Conjugation
	14. Tercera conjugación	14. Third Conjugation
	15. Estructura y partes de la oración	15. Structure and Parts of the Sentence
	16. Cómo empezar una conversación. Las presentaciones	16. How to Begin a Conversation: Introductions
	17. Prueba 2: Presentaciones: Conozcamos gente	17. Quiz 2: Introductions: Let's Get to Know People
	18. Prueba alterna - Versión A: Presentaciones: Conozcamos gente*	18. Alternate Quiz - Form A: Introductions: Let's Get to Know People*
	19. Prueba alterna - Versión B: Presentaciones: Conozcamos gente*	19. Alternate Quiz - Form B: Introductions: Let's Get to Know People*
	20. Proyecto: ¿Cómo es mi familia?	20. Project: What is My Family Like?
	21. Proyecto Especial*	21. Special Project*
	22. Repaso	22. Review
	23. Examen	23. Exam
	24. Examen alterno - Versión A*	24. Alternate Exam – Form A*
	25. Examen alterno - Versión B*	25. Alternate Exam – Form B*
	26. Glosario y créditos	26. Glossary and Credit

Unit 3: Amigos en México		
Spanish I	Assignments	
	1. ¡Ay Chihuahua! ¡Hay tantas culturas en México!	1. Wow! There are so Many Cultures in Mexico!
	2. ¿En qué se diferencia mi vida de la vida en México?	2. How is My Life Different Than Life in Mexico?
	3. ¡Vamos a la playa!	3. Let's Go to the Beach!
	4. La tierra del jarabe tapatío	4. The Land of the Mexican Hat Dance
	5. La historia de México: Un vistazo a su gente a través del arte	5. The History of Mexico: A Look at the People Through Art
	6. Una historia de amor: A practicar los verbos en México D.F.	6. A Love Story: Practicing Verbs in Mexico City
	7. Prueba 1: La tierra de los Aztecas	7. Quiz 1: The Land of the Aztecs
	8. Prueba alterna - Versión A: La tierra de los Aztecas*	8. Alternate Quiz - Form A: The Land of the Aztecs*
	9. Prueba alterna - Versión B: La tierra de los Aztecas*	9. Alternate Quiz - Form B: The Land of the Aztecs*
	10. La cultura en el mercado: Una visita a Veracruz	10. Culture in the Market: A Visit to Veracruz
	11. La quinceañera: Una invitación especial	11. The Sweet Fifteen Party: An Invitation
	12. ¡Vamos a la corrida! Una estancia en Campeche	12. Let's Go to the Bullfight: A Stay in Campeche
	13. El mundo maya	13. The Mayan World
	14. ¡Qué viva México! ¡Viva la independencia!	14. Long Live Mexico and its Independence!
	15. ¡Qué padre es México! Una carta a la familia	15. Mexico is so Cool! A Letter to the Family
	16. Prueba 2: La tierra de los Mayas	16. Quiz 2: The Land of the Mayas
	17. Prueba alterna - Versión A: La tierra de los Mayas*	17. Alternate Quiz - Form A: The Land of the Mayas*
	18. Prueba alterna - Versión B: La tierra de los Mayas*	18. Alternate Quiz - Form B: The Land of the Mayas*
	19. Proyecto: Mi amigo mexicano	19. Project: My Mexican Friend
	20. Proyecto Especial*	20. Special Project*
	21. Repaso	21. Review
	22. Examen	22. Exam
	23. Examen alterno - Versión A*	23. Alternate Exam – Form A*
	24. Examen alterno - Versión B*	24. Alternate Exam – Form B*
	25. Glosario y créditos	25. Glossary and Credits

Unit 4: Amigos en Argentina		
Assignments		
Spanish I	1. Charlie y Sophie llegan a Buenos Aires	1. Charlie and Sophie Arrive in Buenos Aires
	2. Una visita familiar: ¡Vamos a tomar el té!	2. A Family Visit: Let's Have Tea!
	3. Una súper naturaleza: Las cataratas más altas de América	3. Super Nature: The Highest Waterfalls in the Americas
	4. Bosques de Palermo: Un día en el parque	4. Bosques de Palermo: A Day at the Park
	5. Mar del Plata: ¡Vamos a pasarla re-bien en la playa!	5. Mar del Plata: We'll have a Great Time at the Beach!
	6. ¡Vamos a bailar!	6. Let's Dance!
	7. Prueba 1: La vida argentina	7. Quiz 1: Argentinean Life
	8. Prueba alterna - Versión A: La vida argentina*	8. Alternate Quiz – Form A: Argentinean Life*
	9. Prueba alterna - Versión B: La vida argentina*	9. Alternate Quiz – Form B: Argentinean Life*
	10. El valle de Lerma: una rica historia	10. The Valley of Lerma: A Rich History
	11. El Camino Inca	11. The Inca Trail
	12. La vida en las pampas de Argentina	12. Life in the Argentinean Pampas
	13. ¡A disfrutar el aire libre!: Un viaje por el oeste	13. Let's Enjoy the Outdoors: A Trip West
	14. ¡Qué frío hace en Santa Cruz!	14. It's So Cold in Santa Cruz!
	15. Una reunión familiar fantástica: Vamos a la Tierra del Fuego	15. A Fantastic Family Reunion: Let's Go to the Tierra del Fuego
	16. Prueba 2: A viajar por Argentina	16. Quiz 2: Let's Travel in Argentina
	17. Prueba alterna - Versión A: A viajar por Argentina*	17. Alternate Quiz Form – A: Let's Travel in Argentina*
	18. Prueba alterna - Versión B: A viajar por Argentina*	18. Alternate Quiz Form – B: Let's Travel in Argentina*
	19. Proyecto: Mi familia	19. Project: My Family
	20. Proyecto Especial*	20. Special Project*
	21. Repaso	21. Review
	22. Examen	22. Exam
	23. Examen alterno - Versión A*	23. Alternate Exam – Form A*
	24. Examen alterno - Versión B*	24. Alternate Exam – Form B*
	25. Glosario y créditos	25. Glossary and Credits

Unit 5: Amigos en Honduras y el Salvador		
Spanish I	Assignments	
	1. Sophie y Charlie llegan a Honduras	1. Sophie and Charlie Arrive in Honduras
	2. Un árbol muy útil: La Ceiba	2. A Very Useful Tree: The Ceiba
	3. ¡Hace frío y llueve, pero no nieva!	3. It's Cold and It Rains, But It Doesn't Snow!
	4. El mundo maya en Honduras	4. The Mayan World in Honduras
	5. ¿Qué podemos comprar en Honduras?	5. What Can We Buy in Honduras?
	6. Proyecto: Un pronóstico meteorológico	6. Project: A Weather Forecast
	7. ¿Cuándo?, no entiendo.	7. When? I Don't Understand.
	8. Proyecto: A cocinar ticucos	8. Project: Let's Make Ticucos
	9. Prueba 1: Amigos en Honduras	9. Quiz 1: Friends in Honduras
	10. Prueba alterna - Versión A: Amigos en Honduras*	10. Alternate Quiz – Form A: Friends in Honduras*
	11. Prueba alterna - Versión B: Amigos en Honduras*	11. Alternate Quiz – Form B: Friends in Honduras*
	12. Charlie y Sophie llegan a El Salvador	12. Charlie and Sophie Arrive in El Salvador
	13. El clima de El Salvador	13. The Climate of El Salvador
	14. Proyecto: Un mapa del tiempo	14. Project: A Weather Map
	15. ¿Es Carlos sensible?	15. Is Charlie Sensitive?
	16. Trabajamos todos: el café salvadoreño	16. Everybody Works: Salvadoran Coffee
	17. Las artesanías, ¡qué buen trabajo!	17. Arts and Crafts, What a Great Job!
	18. Proyecto: ¡A cocinar un platillo salvadoreño!	18. Project: Let's Make Salvadoran Food!
	19. ¿Qué están haciendo?	19. What Are They Doing?
	20. ¡No se puede decir que lo que es saludable no es delicioso!	20. It Cannot Be Said That Healthy Isn't Delicious!
	21. Prueba 2: Amigos en El Salvador	21. Quiz 2: Friends in El Salvador
	22. Prueba alterna - Versión A: Amigos en El Salvador*	22. Alternate Quiz – Form A: Friends in El Salvador*
	23. Prueba alterna - Versión B: Amigos en El Salvador*	23. Alternate Quiz – Form B: Friends in El Salvador*
	24. Proyecto: Un viaje inolvidable	24. Project: An Unforgettable Trip
	25. Proyecto Especial*	25. Special Project*
	26. Repaso	26. Review
	27. Examen	27. Exam
	28. Examen alterno - Versión A*	28. Alternate Exam – Form A*
	29. Examen alterno - Versión B*	29. Alternate Exam – Form B*
	30. Glosario y créditos	30. Glossary and Credits

  

Unit 6: Repaso y Examen Semestral		
Spanish I	Assignments	
	1. Repaso	1. Review
	2. Examen	2. Exam
	3. Examen alterno - Versión A*	3. Alternate Exam – Form A*
	4. Examen alterno - Versión B*	4. Alternate Exam – Form B*

Unit 7: Amigos en Puerto Rico		
Spanish I	Assignments	
	1. Sophie y Charlie llegan a la capital de Puerto Rico: San Juan	1. Sophie and Charlie Arrive at the Capital of Puerto Rico: San Juan
	2. ¡Buen provecho! de Guavate!	2. Bon Appétit from Guavate!
	3. Proyecto: ¡Vamos a freir los plátanos amarillos!	3. Project: Let's Fry Some Yellow Plantains!
	4. ¡A la orden! Un día de compras en la plaza Las Américas.	4. At Your Service! A Day of Shopping at Plaza Las Americas.
	5. Un clima tropical: El Yunque	5. Tropical Climate: El Yunque
	6. Un festival en la plaza central de Toa Baja	6. A Festival at the Town Square of Toa Baja
	7. El turismo en Piñones	7. Tourism at Piñones
	8. Prueba 1: San Juan y sus alrededores	8. Quiz 1: San Juan and the Metropolitan Area
	9. Prueba alterna - Versión A: San Juan y sus alrededores*	9. Alternate Quiz - Form A: San Juan and the Metropolitan Area*
	10. Prueba alterna - Versión B: San Juan y sus alrededores*	10. Alternate Quiz - Form B: San Juan and the Metropolitan Area*
	11. El festival nacional indígena de Jayuya	11. The National Indigenous Festival of Jayuya
	12. El paisaje de la playa por la costa de la isla	12. The Scenery of the Beach along the Coast of the Island
	13. La vida ponceña	13. Life in Ponce
	14. A parrandear por la isla	14. Let's Celebrate Christmas on the Island
	15. Proyecto: Hagámos conjuntos: Comparemos las casas	15. Project: Let's Make a Venn Diagram: Let's Compare Houses
	16. El territorio de Karst: un paraíso con cavernas	16. The Karst Territory: A Cave Paradise
	17. ¡Vamos a Vieques a acampar!	17. Let's go Camping in Vieques!
	18. Prueba 2: La vida en la isla	18. Quiz 2: Life on the Island
	19. Prueba alterna - Versión A: La vida en la isla*	19. Alternate Quiz - Form A: Life on the Island*
	20. Prueba alterna - Versión B: La vida en la isla*	20. Alternate Quiz - Form B: Life on the Island*
	21. Proyecto: ¡Hagamos un modelo de la casa perfecta!	21. Project: Let's Build a Model of Our Dream House!
	22. Proyecto Especial*	22. Special Project*
	23. Repaso	23. Review
	24. Examen	24. Exam
	25. Examen alterno - Versión A*	25. Alternate Exam – Form A*
	26. Examen alterno - Versión B*	26. Alternate Exam – Form B*
	27. Glosario y créditos	27. Glossary and Credits

Unit 8: Amigos en España		
Spanish I	Assignments	
	1. Carlos y Sofía llegan a Madrid, la capital de España	1. Charlie and Sophie Arrive in Madrid, the Capital of Spain
	2. Proyecto: España y mi país	2. Project: Spain and my Country
	3. ¡Otro día en Madrid!	3. Another Day in Madrid!
	4. Un día en la universidad de Salamanca	4. A Day at the University in Salamanca
	5. Carlos y Sofía llegan a la capital de España: Madrid	5. Charlie and Sophie Arrive in the Capital of Spain, Madrid
	6. La cultura catalana de España	6. Catalanian Culture in Spain
	7. Prueba 1: Los gustos	7. Quiz 1: Likes and Dislikes
	8. Prueba alterna - Versión A: Los gustos*	8. Alternate Quiz - Form A: Likes and Dislikes*
	9. Prueba alterna - Versión B: Los gustos*	9. Alternate Quiz - Form B: Likes and Dislikes*
	10. La cultura gallega en España	10. Galician Culture In Spain
	11. Proyecto: Las comidas que me gustan	11. Project: The Foods That I Like
	12. Un vistazo a España central	12. A View of Central Spain
	13. El paisaje de los moros en Andalucía	13. The Scenery of the Moors in Andalusia
	14. Escapemos a un paraíso en el Mediterráneo	14. Let's Escape To A Paradise in the Mediterranean
	15. Prueba 2: Lo que haría	15. Quiz 2: What I Would Do
	16. Prueba alterna - Versión A: Lo que haría*	16. Alternate Quiz - Form A: What I Would Do*
	17. Prueba alterna - Versión B: Lo que haría*	17. Alternate Quiz - Form B: What I Would Do*
	18. Proyecto: Mi restaurante	18. Project: My Restaurant
	19. Proyecto Especial*	19. Special Project*
	20. Repaso	20. Review
	21. Examen	21. Exam
	22. Examen alterno - Versión A*	22. Alternate Exam – Form A*
	23. Examen alterno - Versión B*	23. Alternate Exam – Form B*
	24. Glosario y créditos	24. Glossary and Credits

Unit 9: Amigos en Cuba		
Assignments		
Spanish I	1. Carlos y Sofía llegan a La Habana	1. Charlie and Sophie Arrive in Havana
	2. ¡A comer en Cuba!	2. Let's Eat in Cuba!
	3. Unas aventuras cubanas	3. Some Cuban Adventures
	4. Proyecto: Una muñeca de papel	4. Project: A Paper Doll
	5. Prueba 1: A conocer la vida cubana	5. Quiz 1: Let's Get to Know Cuban Life
	6. Prueba alterna - Versión A: A conocer la vida cubana*	6. Alternate Quiz - Form A: Let's Get to Know Cuban Life*
	7. Prueba alterna - Versión B: A conocer la vida cubana*	7. Alternate Quiz - Form B: Let's Get to Know Cuban Life*
	8. ¡Me duele la cabeza!	8. I Have a Headache!
	9. El ritmo de África y la melodía de Europa	9. The Rhythm of Africa and the Melody of Europe
	10. Proyecto: Mi raro amigo	10. Project: My Strange Friend
	11. Otra isla cubana	11. Another Cuban Island
	12. Prueba 2: A viajar por Cuba	12. Quiz 2: Let's Travel Through Cuba
	13. Prueba alterna - Versión A: A viajar por Cuba*	13. Alternate Quiz - Form A: Let's Travel Through Cuba*
	14. Prueba alterna - Versión B: A viajar por Cuba*	14. Alternate Quiz - Form B: Let's Travel Through Cuba*
	15. Proyecto: Mi Álbum de recuerdos	15. Project: My Memory Album
	16. Proyecto Especial*	16. Special Project*
	17. Repaso	17. Review
	18. Examen	18. Exam
	19. Examen alterno - Versión A*	19. Alternate Exam – Form A*
	20. Examen alterno - Versión B*	20. Alternate Exam – Form B*
	21. Glosario y créditos	21. Glossary and Credits

Unit 10: Amigos en la República Dominicana		
Assignments		
Spanish I	1. Carlos y Sofía llegan a Santo Domingo	1. Charlie and Sophie Arrive in Santo Domingo
	2. Una aventura en Puerto Plata	2. An Adventure in Puerto Plata
	3. Proyecto: ¡A conversar!	3. Project: Let's Have a Conversation!
	4. Carlos y Sofía suben a una montaña	4. Charlie and Sophie Climb a Mountain
	5. Prueba 1: A prepararse para la aventura	5. Quiz 1: Getting Ready for the Adventure
	6. Prueba alterna - Versión A: A prepararse para la Aventura*	6. Alternate Quiz - Form A: Getting Ready for the Adventure*
	7. Prueba alterna - Versión B: A prepararse para la Aventura*	7. Alternate Quiz - Form B: Getting Ready for the Adventure*
	8. Sofía descubre larimar en Santiago	8. Sophie Discovers Larimar in Santiago
	9. Carlos y Sofía conocen las ballenas de la República Dominicana	9. Charlie and Sophie Meet the Whales of the Dominican Republic
	10. Carlos y Sofía están trabajando cuando llega un desastre	10. Charlie and Sophie Are Working When a Disaster Arrives
	11. Proyecto: ¡A cocinar arroz con leche!	11. Project: Let's Make Rice Pudding!
	12. Prueba 2: ¡En busca de buenos precios!	12. Quiz 2: In Search of Good Prices!
	13. Prueba alterna - Versión A: ¡En busca de Buenos precios!*	13. Alternate Quiz Form A: In Search of Good Prices!*
	14. Prueba alterna - Versión B: ¡En busca de Buenos precios!*	14. Alternate Quiz Form B: In Search of Good Prices!*
	15. Proyecto: Mi álbum de recuerdos	15. Project: My Memory Album
	16. Proyecto Especial*	16. Special Project*
	17. Repaso	17. Review
	18. Examen	18. Exam
	19. Examen alterno - Versión A*	19. Alternate Exam – Form A*
	20. Examen alterno - Versión B*	20. Alternate Exam – Form B*
	21. Glosario y créditos	21. Glossary and Credits



Unit 11: Amigos en Panamá		
Spanish I	Assignments	
	1. Carlos y Sofía llegan a la capital de Panamá	1. Charlie and Sophie Arrive in the Capital of Panama
	2. Carlos y Sofía piden direcciones	2. Charlie and Sophie Ask for Directions
	3. Proyecto: A explorar la ciudad	3. Project: Let's Explore the City
	4. Prueba 1: A conocer la capital de Panamá	4. Quiz 1: Let's Get To Know the Capital of Panama
	5. Prueba alterna - Versión A: A conocer la capital de Panamá*	5. Alternate Quiz - Form A: Let's Get To Know the Capital of Panama*
	6. Prueba alterna - Versión B: A conocer la capital de Panamá*	6. Alternate Quiz - Form B: Let's Get To Know the Capital of Panama*
	7. Carlos y Sofía viajan por El Canal de Panamá	7. Charlie and Sophie Travel the Panama Canal
	8. Carlos y Sofía recuerdan sus viajes	8. Charlie and Sophie Remember their Travels
	9. Carlos y Sofía recuerdan las aventuras de todo el año	9. Charlie and Sophie Remember their Adventures throughout the Year
	10. Proyecto: La presentación de diapositivas de mis recuerdos inolvidables	10. Project: My Slide Show of Unforgettable Memories
	11. Prueba 2: A viajar por Panamá	11. Quiz 2: Let's Travel Panama
	12. Prueba alterna - Versión A: A viajar por Panamá*	12. Alternate Quiz - Form A: Let's Travel Panama*
	13. Prueba alterna - Versión B: A viajar por Panamá*	13. Alternate Quiz - Form B: Let's Travel Panama*
	14. Proyecto Especial*	14. Special Project*
	15. Repaso	15. Review
	16. Examen	16. Exam
	17. Examen alterno - Versión A*	17. Alternate Exam – Form A*
	18. Examen alterno - Versión B*	18. Alternate Exam – Form B*
	19. Glosario y créditos	19. Glossary and Credits

  

Unit 12: Repaso y Examen Semestral		
Spanish I	Assignments	
	1. Repaso	1. Review
	2. Examen	2. Exam
	3. Examen alterno - Versión A*	3. Alternate Exam – Form A*
	4. Examen alterno - Versión B*	4. Alternate Exam – Form B*

## Spanish II

Spanish II is a high school foreign language course that builds upon skills and concepts taught in *Spanish I*, emphasizing communication, cultures, connections, comparisons, and communities.

Course materials are designed to support students as they work to gain a basic proficiency in speaking, listening, reading, and writing Spanish, and in cultural competency.

Upon completion of the course, students should be able to do the following:

- Use Spanish in everyday situations in both oral and written communication.
- Use vocabulary necessary to live in a Spanish-speaking country.
- Demonstrate an understanding of Hispanic countries.
- Listen to and understand passages in Spanish related to various themes.
- Read and understand passages in Spanish related to themes.
- Compare and contrast cultural aspects of Hispanic countries and the United States.

This course gives students practice using the mechanics of the Spanish language, acquaints them with the cultural differences of Hispanic countries, and helps them gain a keen awareness of their own culture.

Unit 1: Amigos en el Mundo		
Assignments		
Spanish II	1. Course Overview	1. Course Overview
	2. Introducción al mundo hispanohablante	2. Introduction to the Spanish Speaking World
	3. El español en los EE.UU.	3. Spanish in the U.S.
	4. ¿Por qué hablamos tanto el español?	4. Why Do We Speak Spanish So Much?
	5. Del viejo mundo al nuevo mundo	5. From the Old World to the New World
	6. Prueba 1: Me gusta el español	6. Quiz 1: I like Spanish
	7. Prueba alterna - Versión A: Me gusta el español*	7. Alternate Quiz - Form A: I like Spanish*
	8. Prueba alterna - Versión B: Me gusta el español*	8. Alternate Quiz - Form B: I like Spanish*
	9. Del nuevo mundo al viejo mundo	9. From the New World to the Old World
	10. ¿Qué haces todos los días?	10. What Do You Do Every Day?
	11. Prueba 2: La rutina diaria	11. Quiz 2: Daily Routine
	12. Prueba alterna - Versión A: La rutina diaria*	12. Alternate Quiz - Form A: Daily Routine*
	13. Prueba alterna - Versión B: La rutina diaria*	13. Alternate Quiz - Form B: Daily Routine*
	14. ¡Cosas que hacer y lugares adónde viajar!	14. Things to Do and Places to Go!
	15. ¡Ágape!	15. Potluck
	16. Ser o no ser	16. To Be or Not to Be
	17. Una despedida cariñosa	17. A Fond Farewell
	18. ¿Cómo es tu rutina diaria?	18. Project: How Is Your Daily Routine?
	19. Prueba 3: En casa y de paseo	19. Quiz 2: At Home and Out and About
	20. Prueba alterna - Versión A: En casa y de paseo*	20. Alternate Quiz - Form A: At Home and Out and About*
	21. Prueba alterna - Versión B: En casa y de paseo*	21. Alternate Quiz - Form B: At Home and Out and About*
	22. Proyecto especial*	22. Special Project*
	23. Repaso	23. Review
	24. Examen	24. Exam
	25. Examen alterno - Versión A*	25. Alternate Exam – Form A*
	26. Examen alterno - Versión B*	26. Alternate Exam – Form B*
	27. Glosario y créditos	27. Glossary and Credits

Unit 2: Amigos en Chile		
Spanish II	Assignments	
	1. El programa de intercambio 'Vive y aprende'	1. The 'Live and Learn' Exchange Program
	2. Una lección de geografía	2. A Geography Lesson
	3. Una excursión educativa	3. An Educational Field Trip
	4. Prueba 1: Me gusta estudiar en Chile	4. Quiz 1: I Love Studying in Chile
	5. Prueba alterna - Versión A: Me gusta estudiar en Chile*	5. Alternate Quiz - Form A: I Love Studying in Chile*
	6. Prueba alterna - Versión B: Me gusta estudiar en Chile*	6. Alternate Quiz - Form B: I Love Studying in Chile*
	7. El primer día de clases	7. The First Day of Classes
	8. La clase de deportes	8. P.E. Class
	9. La clase de literatura	9. Literature Class
	10. Prueba 2: Personajes chilenos	10. Quiz 2: Chilean Personalities
	11. Prueba alterna - Versión A: Personajes chilenos	11. Alternate Quiz - Form A: Chilean Personalities*
	12. Prueba alterna - Versión B: Personajes chilenos	12. Alternate Quiz - Form B: Chilean Personalities*
	13. ¡Aprender otro idioma es difícil!	13. Learning another language is hard!
	14. ¡Ser maestro es difícil!	14. Being a teacher is hard!
	15. La naturaleza es una buena maestra	15. Nature Is a Good Teacher
	16. Proyecto: La escuela ideal	16. Project: The Ideal School
	17. Prueba 3: Chile: Fin del Cono Sur	17. Quiz 3: Chile: The Southern Cone's End
	18. Prueba alterna - Versión A: Chile: Fin del Cono Sur*	18. Alternate Quiz - Form A: Chile: The Southern Cone's End*
	19. Prueba alterna - Versión B: Chile: Fin del Cono Sur*	19. Alternate Quiz - Form B: Chile: The Southern Cone's End*
	20. Proyecto especial*	20. Special Project*
	21. Repaso	21. Review
	22. Examen	22. Exam
	23. Examen alterno - Versión A*	23. Alternate Exam – Form A*
	24. Examen alterno - Versión B*	24. Alternate Exam – Form B*
	25. Glosario y créditos	25. Glossary and Credits

Unit 3: Amigos en Venezuela		
Spanish II	Assignments	
	1. La tierra de gracia	1. Land of Grace
	2. Caracas: El hogar de Simón Bolívar	2. Caracas: Home of Simon Bolivar
	3. Una lección de geografía	3. A Geography Lesson
	4. Prueba 1: Estamos en Venezuela	4. Quiz 1: We are in Venezuela
	5. Prueba alterna - Versión A: Estamos en Venezuela*	5. Alternate Quiz - Form A: We are in Venezuela*
	6. Prueba alterna - Versión B: Estamos en Venezuela*	6. Alternate Quiz - Form B: We are in Venezuela*
	7. Los venezolanos: Un crisol de la raza humana	7. Venezuelans: A Melting Pot of Humanity
	8. Buen porte y buenos modales abren puertas principales	8. Etiquette is the Key to Success
	9. Venezuela: Valores y tradiciones	9. Venezuela: Values and Traditions
	10. Prueba 2: La Feria Internacional de Artesanos de Venezuela	10. Quiz 2: The International Craft Fair in Venezuela
	11. Prueba alterna - Versión A: La Feria Internacional de Artesanos de Venezuela*	11. Alternate Quiz - Form A: The International Craft Fair in Venezuela*
	12. Prueba alterna - Versión B: La Feria Internacional de Artesanos de Venezuela*	12. Alternate Quiz - Form B: The International Craft Fair in Venezuela*
	13. ¡Disfrutemos al aire libre en la isla Margarita!	13. Let's enjoy the Outdoors on Margarita Island!
	14. Proyecto especial de un folleto turístico	14. Project: A Tourist Pamphlet
	15. La música y el baile	15. Music and Dance
	16. La gastronomía venezolana	16. Venezuelan Cuisine
	17. ¡A jugar béisbol!	17. Play Ball!
	18. Prueba 3: Lo tuyo es mío y lo mío es tuyo	18. Quiz 3: What is yours is mine and what is mine is yours
	19. Prueba alterna - Versión A: Lo tuyo es mío y lo mío es tuyo*	19. Alternate Quiz - Form A: What is yours is mine and what is mine is yours*
	20. Prueba alterna - Versión B: Lo tuyo es mío y lo mío es tuyo*	20. Alternate Quiz - Form B: What is yours is mine and what is mine is yours*
	21. Proyecto especial*	21. Special Project*
	22. Repaso	22. Review
	23. Examen	23. Exam
	24. Examen alterno - Versión A*	24. Alternate Exam – Form A*
	25. Examen alterno - Versión B*	25. Alternate Exam – Form B*
	26. Glosario y créditos	26. Glossary and Credits

Unit 4: Amigos en Perú		
Spanish II	Assignments	
	1. Próximo destino: Perú	1. Next Stop: Peru
	2. Me encanta el Perú	2. I love Peru
	3. Cusco: La capital antigua de los incas	3. Cusco: The Ancient Capital of Incas
	4. ¡Machu Picchu es una maravilla!	4. Macchu Picchu is a Wonder!
	5. Prueba 1: Amo el Perú	5. Quiz 1: I love Peru
	6. Prueba alterna - Versión A: Amo el Perú*	6. Alternate Quiz - Form A: I love Peru*
	7. Prueba alterna - Versión B: Amo el Perú*	7. Alternate Quiz - Form B: I love Peru*
	8. Puno y Lago Titicaca	8. Puno and Lake Titicaca
	9. El choque cultural	9. Culture Shock
	10. Proyecto: La importancia del patrimonio cultural	10. Project: The Importance of Cultural Heritage
	11. La selva amazónica y Puerto Maldonado	11. The Amazon Rainforest and Puerto Maldonado
	12. Perdido en la traducción	12. Lost in the Translation
	13. Prueba 2: Las zonas del Perú	13. Quiz 2: Peru's Areas
	14. Prueba alterna - Versión A: Las zonas del Perú*	14. Alternate Quiz - Form A: Peru's Areas*
	15. Prueba alterna - Versión B: Las zonas del Perú*	15. Alternate Quiz - Form B: Peru's Areas*
	16. Proyecto especial*	16. Special Project*
	17. Repaso	17. Review
	18. Examen	18. Exam
	19. Examen alterno - Versión A*	19. Alternate Exam – Form A*
	20. Examen alterno - Versión B*	20. Alternate Exam – Form B*
	21. Glosario y créditos	21. Glossary and Credits

Unit 5: Amigos en Colombia		
Spanish II	Assignments	
	1. La arqueología: Una carrera ideal para Sofía	1. Archeology: An Ideal Career for Sophie
	2. Carlos: 'Yo quiero ser arquitecto'	2. Charlie: I Want to Be an Architect
	3. ¿Un trabajo o una carrera?	3. A Job Versus a Career
	4. Las profesiones y los oficios	4. Professions and Trades
	5. Prueba 1: ¿Una carrera o un trabajo?	5. Quiz 1: A Career or a Job?
	6. Prueba alterna - Versión A: ¿Una carrera o un trabajo?*	6. Alternate Quiz - Form A: A Career or a Job?*
	7. Prueba alterna - Versión B: ¿Una carrera o un trabajo?*	7. Alternate Quiz - Form B: A Career or a Job?*
	8. Un viaje a Cartagena	8. A Trip to Cartagena
	9. La influencia española en Colombia	9. Spanish Influence in Colombia
	10. Proyecto: La exploración de carreras	10. Project: Career Exploration
	11. Prueba 2: Profesiones	11. Quiz 2: Professions
	12. Prueba alterna - Versión A: Profesiones*	12. Alternate Quiz - Form A: Professions*
	13. Prueba alterna - Versión B: Profesiones*	13. Alternate Quiz - Form B: Professions*
	14. El mesero distraído	14. The Absent-minded Waiter
	15. Carlos llena una solicitud de empleo	15. Charlie Fills Out a Job Application
	16. Proyecto: Una tableau vivant o pintura viviente	16. Project: A Tableau Vivant or Living Picture
	17. La entrevista de empleo	17. The Job Interview
	18. Prueba 3: La feria de las flores	18. Quiz 3: The Flower Fair
	19. Prueba alterna - Versión A: La feria de las flores*	19. Alternate Quiz - Form A: The Flower Fair*
	20. Prueba alterna - Versión B: La feria de las flores*	20. Alternate Quiz - Form B: The Flower Fair*
	21. Proyecto especial*	21. Special Project*
	22. Repaso	22. Review
	23. Examen	23. Exam
	24. Examen alterno - Versión A*	24. Alternate Exam – Form A*
	25. Examen alterno - Versión B*	25. Alternate Exam – Form B*
	26. Glosario y créditos	26. Glossary and Credits

Unit 6: Repaso y Examen Semestral		
Spanish II	<b>Assignments</b>	
	1. Repaso	1. Review
	2. Examen	2. Exam
	3. Examen alterno - Versión A*	3. Alternate Exam – Form A*
	4. Examen alterno - Versión B*	4. Alternate Exam – Form B*
Unit 7: Amigos en Guatemala		
Spanish II	<b>Assignments</b>	
	1. Un viaje en camioneta	1. A Truck Ride
	2. ¡A aplanar calles en Antigua!	2. Wandering the Streets of Antigua!
	3. ¡Toqué una tortuga!	3. I Touched a Turtle!
	4. Tantos murieron...	4. So Many Died ...
	5. Prueba 1: ¡Guatemala es lo máximo!	5. Quiz 1: Guatemala is the best!
	6. Prueba alterna - Versión A: ¡Guatemala es lo máximo!*	6. Alternate Quiz - Form A: Guatemala is the best!*
	7. Prueba alterna - Versión B: ¡Guatemala es lo máximo!*	7. Alternate Quiz - Form B: Guatemala is the best!*
	8. Un recorrido por Tikal	8. A Tour of Tikal
	9. Un guardabosques hablador	9. A Talkative Ranger
	10. Estuvimos en Chichicastenango	10. We were in Chichicastenango
	11. Proyecto: Mi diario imaginario	11. Project: My Imaginary Diary
	12. Prueba 2: Tikal, Chichicastenango y el volcán Pacaya	12. Quiz 2: Tikal, Chichicastenango and the Pacaya Volcano
	13. Prueba alterna - Versión A: Tikal, Chichicastenango y el volcán Pacaya*	13. Alternate Quiz - Form A: Tikal, Chichicastenango and the Pacaya Volcano*
	14. Prueba alterna - Versión B: Tikal, Chichicastenango y el volcán Pacaya*	14. Alternate Quiz - Form B: Tikal, Chichicastenango and the Pacaya Volcano*
	15. ¿Y eso se come?	15. And You Eat That?
	16. Se dice que...	16. It is Said that ...
	17. Proyecto: Mi receta secreta	17. Project: My Secret Recipe
	18. Prueba 3: ¡Hasta luego Guatemala!	18. Quiz 3: Bye, Guatemala!
	19. Prueba alterna - Versión A: ¡Hasta luego Guatemala!*	19. Alternate Quiz - Form A: Bye, Guatemala!*
	20. Prueba alterna - Versión B: ¡Hasta luego Guatemala!*	20. Alternate Quiz - Form B: Bye, Guatemala!*
	21. Proyecto especial*	21. Special Project*
	22. Repaso	22. Review
	23. Examen	23. Exam
	24. Examen alterno - Versión A*	24. Alternate Exam – Form A*
	25. Examen alterno - Versión B*	25. Alternate Exam – Form B*
	26. Glosario y créditos	26. Glossary and Credits



Unit 8: Amigos en Bolivia y Ecuador		
Spanish II	Assignments	
	1. Las dos ciudades capitales	1. The Two Capital Cities
	2. Andábamos por Tiahuanacu y el lago Titicaca	2. We Were Walking Through Tiahuanacu and Lake Titicaca
	3. ¿Querías sal para esa comida?	3. Did You Want Salt for that Meal?
	4. Íbamos a Cochabamba cuando yo era niña...	4. We Would Go To Cochabamba When I Was Little...
	5. El camino inca	5. Inca Trail
	6. Proyecto: Mi árbol de conversación	6. Project: My Conversation Tree
	7. Prueba 1: De Capítulo Uno	7. Quiz 1: From Chapter One
	8. Prueba alterna - Versión A: De Capítulo Uno*	8. Alternate Quiz - Form A: From Chapter One*
	9. Prueba alterna - Versión B: De Capítulo Uno*	9. Alternate Quiz - Form B: From Chapter One*
	10. ¿Conoces Guayaquil? ¿Qué sabes de ella?	10. Have You Been to Guayaquil? What Do You Know About It?
	11. Conocimos mucho sobre Quito	11. We Learned a lot about Quito
	12. ¡A conocer la región de la amazonía!	12. To know the region of the Amazon!
	13. Las islas Galápagos	13. The Galapagos Islands
	14. Proyecto: Una composición sobre mi niñez	14. Project: A Composition About My Childhood
	15. Prueba 2: De Capítulo Dos	15. Quiz 2: From Chapter Two
	16. Prueba alterna - Versión A: De Capítulo Dos*	16. Alternate Quiz - Form A: From Chapter Two*
	17. Prueba alterna - Versión B: De Capítulo Dos*	17. Alternate Quiz - Form B: From Chapter Two*
	18. Proyecto Especial*	18. Special Project*
	19. Repaso	19. Review
	20. Examen	20. Test
	21. Examen alterno - Versión A*	21. Alternate Test – Form A*
	22. Examen alterno - Versión B*	22. Alternate Exam – Form B*
	23. Glosario y créditos	23. Glossary and Credits

Unit 9: Amigos en Costa Rica		
Assignments		
Spanish II	1. ¡Pura vida! en San José Costa Rica.	1. Things Are Great In San José, Costa Rica!
	2. ¡A hablar del pasado!	2. Let's Talk about the Past!
	3. La hospitalidad de los ticos de Parismina	3. The Hospitality of the Costa Ricans of Parismina
	4. La vida en la selva costarricense	4. Life in the Costa Rican jungle
	5. Un sismo de 6,2º en la escala de Richter, ¡qué desastre!	5. An Earthquake Measuring 6.2 ° on the Richter Scale, What a Mess!
	6. Una mina de oro para los turistas.	6. A Gold Mine for Tourists.
	7. El turismo astronómico: ¡la vista de estrellas más hermosa del mundo!	7. Astronomy for Tourists: The Most Beautiful View of the Stars in the World!
	8. Prueba 1: ¡Pura vida Costa Rica!	8. Quiz 1: Costa Rica, It's All Good!
	9. Prueba alterna - Version A: ¡Pura vida Costa Rica!*	9. Alternate Quiz - Form A - Costa Rica, It's All Good!*
	10. Prueba alterna - Version B: ¡Pura vida Costa Rica!*	10. Alternate Quiz - Form B - Costa Rica, It's All Good!*
	11. La tecnología detrás de las industrias de Costa Rica	11. The Technology behind the Industries of Costa Rica
	12. Carlos y Sofía visitan el Caribe en Costa Rica	12. Charlie and Sophie Visit the Caribbean in Costa Rica
	13. Compañías multinacionales en Costa Rica	13. Multinational Companies in Costa Rica
	14. El instituto de tecnología	14. The Institute of Technology
	15. Una visita a la Amistad	15. A Visit to La Amistad
	16. Proyecto: Un gran recuerdo	16. Project: A Great Memory
	17. Prueba 2: Costa Rica en el pasado	17. Quiz 2 - Costa Rica in the Past
	18. Prueba alterna - Version A: Costa Rica en el pasado*	18. Alternate Quiz - Form A - Costa Rica in the Past*
	19. Prueba alterna - Version B: Costa Rica en el pasado*	19. Alternate Quiz - Form B - Costa Rica in the Past*
	20. Proyecto especial*	20. Special Project*
	21. Repaso	21. Review
	22. Examen	22. Test
	23. Examen alterno - Versión A*	23. Alternate Test – Form A*
	24. Examen alterno - Versión B*	24. Alternate Test – Form B*
	25. Glosario y créditos	25. Glossary and Credits

Unit 10: Amigos en Paraguay y Uruguay		
Spanish II	Assignments	
	1. Carlos y Sofía toman una clase de historia	1. Charlie and Sophie Take a History Class
	2. Carlos y Sofía juegan a buscar	2. Charlie and Sophie Go on a Scavenger Hunt
	3. Guten tag de Filadelfia, en Paraguay	3. "Guten Tag" from Philadelphia in Paraguay
	4. Bienvenidos al oriente de Paraguay	4. Welcome to Eastern Paraguay
	5. Proyecto: Cómo hacer lo que hago yo	5. Project: How to Do what I Do
	6. Prueba 1: Amigos en Paraguay	6. Quiz 1 – Friends in Paraguay
	7. Prueba alterna - Versión A: Amigos en Paraguay*	7. Alternate Quiz - Form A - Friends in Paraguay*
	8. Prueba alterna - Versión B: Amigos en Paraguay*	8. Alternate Quiz - Form B - Friends in Paraguay*
	9. Carlos y Sofía llegan a Montevideo	9. Charlie and Sophie Arrive at Montevideo
	10. Los pueblos del río Uruguay	10. The River Towns of Uruguay
	11. Carlos y Sofía exploran la frontera	11. Charlie and Sophie Explore the Border
	12. Carlos y Sofía conocen a un gaucho	12. Charlie and Sophie Meet a Gaucho
	13. Prueba 2: Amigos en Uruguay	13. Quiz 2 - Friends in Uruguay
	14. Prueba alterna - Versión A: Amigos en Uruguay*	14. Alternate Quiz - Form A - Friends in Uruguay*
	15. Prueba alterna - Versión B: Amigos en Uruguay*	15. Alternate Quiz - Form B - Friends in Uruguay*
	16. Proyecto especial*	16. Special Project*
	17. Repaso	17. Review
	18. Examen	18. Test
	19. Examen alterno - Versión A*	19. Alternate Test – Form A*
	20. Examen alterno - Versión B*	20. Alternate Test – Form B*
	21. Glosario y créditos	21. Glossary and Credits

Unit 11: Amigos en Nicaragua		
Spanish II	Assignments	
	1. ¡Conozcamos al doctor!	1. Let's Meet the Doctor!
	2. El agua de Nicaragua, ¡ojalá que mejore!	2. The Water of Nicaragua, Hopefully It Improves!
	3. Proyecto: La falta de agua potable en Nicaragua y algunos problemas de salud	3. Project: The Lack of Drinkable Water in Nicaragua and Related Health Problems
	4. ¡Me duele la cabeza!	4. I Have a Headache!
	5. Prueba 1: ¡No me siento bien!	5. Quiz 1: I Don't Feel Well!
	6. Prueba alterna - Versión A: ¡No me siento bien!*	6. Alternate Quiz - Form A: I Don't Feel Well!*
	7. Prueba alterna - Versión B: ¡No me siento bien!*	7. Alternate Quiz - Form B: I Don't Feel Well!*
	8. Carlos y Sofía se preparan para despedirse de Latino América	8. Charlie and Sophie Get Ready to Say Goodbye to Latin America
	9. Mamá y papá, ¡quiero que me compren un carro!	9. Mom and Dad, I Want You to Buy Me a Car!
	10. Proyecto: ¡Que te mantengas sano!	10. Project: May You Stay Healthy
	11. Amigos en Latino América	11. Friends in Latin America
	12. Proyecto: Mis consejos a los demás	12. Project: My Advice to Others
	13. Prueba 2: ¡Quiero que viajes bien y que comas comida buena!	13. Quiz 3 : I Hope That Your Travels Go Well and That You Eat Good Food!
	14. Prueba alterna - Versión A: ¡Quiero que viajes bien y que comas comida buena!*	14. Alternate Quiz - Form A : I Hope That Your Travels Go Well and That You Eat Good Food!*
	15. Prueba alterna - Versión B: ¡Quiero que viajes bien y que comas comida buena!*	15. Alternate Quiz - Form B : I Hope That Your Travels Go Well and That You Eat Good Food!*
	16. Proyecto especial*	16. Special Project*
	17. Repaso	17. Review
	18. Examen	18. Test
	19. Examen alterno - Versión A*	19. Alternate Test – Form A*
	20. Examen alterno - Versión B*	20. Alternate Test – Form B*
	21. Glosario y créditos	21. Glossary and Credits

  

Unit 12: Repaso y Examen Semestral		
Spanish II	Assignments	
	1. Repaso	1. Review
	2. Examen	2. Exam
	3. Examen alterno - Versión A*	3. Alternate Exam – Form A*
	4. Examen alterno - Versión B*	4. Alternate Exam – Form B*

## Spanish III

Spanish III is a high school foreign language course that builds upon skills and concepts taught in Spanish II, emphasizing communication, cultures, connections, comparisons, and communities.

Course materials are designed to support students as they work to gain a basic proficiency in speaking, listening, reading, and writing Spanish, and in cultural competency.

Upon completion of the course, students should be able to do the following:

- Speak Spanish in everyday situations to communicate with other Spanish speakers.
- Write accurately and appropriately in Spanish to communicate with other Spanish speakers.
- Listen to and understand passages in Spanish related to various themes.
- Read and understand passages in Spanish related to various themes.
- Compare and contrast cultural aspects of Hispanic countries.
- Demonstrate an understanding of Hispanic countries and their corresponding cultures.

Unit 1: Somos Hispanos (We Are Hispanic)		
Spanish III	Assignments	
	1. Course Overview	1. Course Overview
	2. Nuestra Lengua	2. Our Language
	3. Legado de España y de otras culturas	3. The Legacy of Spain and Other Cultures
	4. Nuestras tradiciones y celebraciones	4. Our Traditions and Celebrations
	5. Prueba 1	5. Quiz 1
	6. Prueba 1 alterna – Versión A*	6. Quiz 1 Alternate: Form A*
	7. Prueba 1 alterna - Versión B*	7. Quiz 1 Alternate: Form B*
	8. Nuestra historia	8. Our History
	9. Nuestros antepasados	9. Our Ancestors
	10. Nuestra tierra natal	10. Our Land
	11. Proyecto 1: Entrevista de hablantes de otros idiomas	11. Project 1: Interview Speakers of Other Languages
	12. Prueba 2	12. Quiz 2
	13. Prueba 2 alterna - Versión A*	13. Quiz 2 Alternate: Form A*
	14. Prueba 2 alterna - Versión B*	14. Quiz 2 Alternate: Form B*
	15. Nuestros valores	15. Our Values
	16. Nuestra gente	16. Our People
	17. Nuestra presencia en el mundo	17. Our Presence in the World
	18. Proyecto 2: Comparación de la vida en familia	18. Project 2: Comparison of Family Life
	19. Repaso	19. Review
	20. Examen	20. Test
	21. Examen alterno - Versión A*	21. Test - Alternate: Form A*
	22. Examen alterno - Versión B*	22. Test - Alternate: Form B*
	23. Glosario y créditos	23. Glossary and Credits

Unit 2: Día a Día (Day to Day)		
Spanish III	Assignments	
	1. Así somos	1. What We're Like
	2. Así nos divertimos	2. How We Have Fun
	3. Nuestra vida social	3. Our Social Life
	4. Prueba 1	4. Quiz 1
	5. Prueba 1 alterna - Versión A*	5. Quiz 1 Alternative: Form A*
	6. Prueba 1 alterna - Versión B*	6. Quiz 1 Alternative: Form B*
	7. En el colegio	7. At school
	8. En casa	8. At home
	9. En familia	9. As a Family
	10. Proyecto 1: Una escuela del mundo hispanohablante	10. Project 1: A School in the Spanish-speaking World
	11. Prueba 2	11. Quiz 2
	12. Prueba 2 alterna - Versión A*	12. Quiz 2 Alternative: Form A*
	13. Prueba 2 alterna - Versión B*	13. Quiz 2 Alternative: Form B*
	14. Las relaciones familiares	14. Our Family Relationships
	15. Cómo me pueden ayudar	15. How they Can Help Me
	16. ¡Comuniquémonos!	16. Communicate!
	17. Proyecto 2: Mi red social	17. Project 2: My Social Network
	18. Repaso	18. Review
	19. Examen	19. Test
	20. Examen alterno - Versión A*	20. Test - Alternative: Form A*
	21. Examen alterno - Versión B*	21. Test - Alternative: Form B*
	22. Glosario y créditos	22. Glossary and Credits

Unit 3: Noticias, Farándula, y Entretenimiento (News, Showbusiness, and Entertainment)		
Spanish III	Assignments	
	1. Noticias de primera plana	1. Front Page News
	2. El mundo del deporte	2. The World of Sports
	3. El mundo de la política	3. The World of Politics
	4. Prueba 1	4. Quiz 1
	5. Prueba 1 alterna - Versión A*	5. Quiz 1 Alternative: Form A*
	6. Prueba 1 alterna - Versión B*	6. Quiz 1 Alternative: Form B*
	7. La página social	7. Society Pages
	8. Los clasificados	8. Classifieds
	9. El mundo de la televisión	9. The World of TV
	10. Proyecto 1: Televisión en español	10. Project 1: Television in Spanish
	11. Prueba 2	11. Quiz 2
	12. Prueba 2 alterna - Versión A*	12. Quiz 2 Alternative: Form A*
	13. Prueba 2 alterna - Versión B*	13. Quiz 2 Alternative: Form B*
	14. El mundo de cine	14. The World of Film
	15. La farándula y el entretenimiento	15. Showbusiness and Entertainment
	16. Pronóstico del clima	16. Weather Forecast
	17. Proyecto 2: Cine en español	17. Project 2: Movies in Spanish
	18. Repaso	18. Review
	19. Examen	19. Test
	20. Examen alterno - Versión A*	20. Test - Alternative: Form A*
	21. Examen alterno - Versión B*	21. Test - Alternative: Form B*
	22. Glosario y créditos	22. Glossary and Credits

Unit 4: Tecnología y Comunicación (Technology and Communication)		
Spanish III	Assignments	
	1. De la llamada telefónica al mensaje de texto	1. From Phone Calls to Text Messages
	2. Lenguaje cibernético en español	2. Cyber Language in Spanish
	3. Foros de información en español	3. Informational Forums in Spanish
	4. Prueba 1	4. Quiz 1
	5. Prueba 1 alterna - Versión A*	5. Quiz 1 Alternative: Form A*
	6. Prueba 1 alterna - Versión B*	6. Quiz 1 Alternative: Form B*
	7. Aprendizaje y trabajo a distancia	7. Remote Learning and Working
	8. Muchas carreras para elegir	8. The Best Careers
	9. Los mejores trabajos	9. The Best Jobs
	10. Proyecto 1: En busca de trabajo	10. Project 1: Looking for Work
	11. Prueba 2	11. Quiz 2
	12. Prueba 2 alterna - Versión A*	12. Quiz 2 Alternative: Form A*
	13. Prueba 2 alterna - Versión B*	13. Quiz 2 Alternative: Form B*
	14. Desafíos de la tecnología	14. Challenges Posed by Technology
	15. Robots en la actualidad y en el futuro	15. Robots Now and in the Future
	16. Entretenimiento virtual	16. Virtual Entertainment
	17. Proyecto 2: ¿Cómo usan la tecnología?	17. Project 2: How Do You Use Technology?
	18. Repaso	18. Review
	19. Examen	19. Test
	20. Examen alterno - Versión A*	20. Test - Alternative: Form A*
	21. Examen alterno - Versión B*	21. Test - Alternative: Form B*
	22. Glosario y créditos	22. Glossary and Credits

  

Unit 5: A Nuestro Alrededor (All Around Us)		
Spanish III	Assignments	
	1. Ciudades espectaculares	1. Spectacular Cities
	2. Lo mejor de la vida en la ciudad	2. The Best of City Life
	3. Parques y recreación	3. Parks and Recreation
	4. Prueba 1	4. Quiz 1
	5. Prueba 1 alterna - Versión A*	5. Quiz 1 Alternative: Form A*
	6. Prueba 1 alterna - Versión B*	6. Quiz 1 Alternative: Form B*
	7. ¿Adónde vas de compras?	7. Where do you go shopping?
	8. Grandes eventos deportivos y populares	8. Major Sporting Events and Other Popular Events
	9. ¿Por qué no vamos en metro?	9. Why Don't We Take the Subway?
	10. Proyecto 1: Problemas de tráfico	10. Project 1: Traffic Problems
	11. Prueba 2	11. Quiz 2
	12. Prueba 2 alterna - Versión A*	12. Quiz 2 Alternative: Form A*
	13. Prueba 2 alterna - Versión B*	13. Quiz 2 Alternative: Form B*
	14. La cultura campesina	14. Rural Culture
	15. Del pueblo a la ciudad	15. From the Country to the City
	16. La sobrepoblación	16. Overpopulation
	17. Proyecto 2: ¿Dónde les gusta vivir?	17. Project 2: Where do you like to live?
	18. Repaso	18. Review
	19. Examen	19. Test
	20. Examen alterno - Versión A*	20. Test - Alternative: Form A*
	21. Examen alterno - Versión B*	21. Test - Alternative: Form B*
	22. Glosario y créditos	22. Glossary and Credits

Unit 6: Repaso y Examen Semestral (Semester Review and Exam)		
Spanish III	<b>Assignments</b>	
	1. Repaso	1. Review
	2. Examen	2. Test
	3. Examen alternativo - Versión A*	3. Test - Alternative: Form A*
	4. Examen alternativo - Versión B*	4. Test - Alternative: Form B*
Unit 7: De Viaje (Traveling)		
Spanish III	<b>Assignments</b>	
	1. ¿Adónde quieres ir?	1. Where Do You Want to Go?
	2. Paquetes vacacionales	2. Vacation Packages
	3. Un viaje por tierra	3. Traveling by Land
	4. Prueba 1	4. Quiz 1
	5. Prueba 1 alterna - Versión A*	5. Quiz 1 Alternative: Form A*
	6. Prueba 1 alterna - Versión B*	6. Quiz 1 Alternative: Form B*
	7. Un crucero por el Caribe	7. A Caribbean Cruise
	8. Unos días en la costa mexicana	8. A Few Days on the Mexican Coast
	9. Un viaje de negocios	9. A Business Trip
	10. Proyecto 1: Planes de viaje	10. Project 1: Travel Plans
	11. Prueba 2	11. Quiz 2
	12. Prueba 2 alterna - Versión A*	12. Quiz 2 Alternative: Form A*
	13. Prueba 2 alterna - Versión B*	13. Quiz 2 Alternative: Form B*
	14. Vamos a España	14. Let's Go To Spain
	15. Un viaje por el Cono Sur	15. A Trip to the Southern Cone
	16. El ecoturismo	16. Ecotourism
	17. Proyecto 2: Preferencias turísticas	17. Project 2: Tourist Preferences
	18. Repaso	18. Review
	19. Examen	19. Test
	20. Examen alternativo - Versión A*	20. Test - Alternative: Form A*
	21. Examen alternativo - Versión B*	21. Test - Alternative: Form B*
	22. Glosario y créditos	22. Glossary and Credits



Unit 8: La Salud y el Bienestar (Health and Wellbeing)		
Spanish III	Assignments	
	1. ¿Qué haces para mantenerte en forma?	1. What Do You Do To Stay in Shape?
	2. Alimentación y nutrición	2. Food and Nutrition
	3. Dietas étnicas	3. Ethnic Diets
	4. Prueba 1	4. Quiz 1
	5. Prueba 1 alterna - Versión A*	5. Quiz 1 Alternative: Form A*
	6. Prueba 1 alterna - Versión B*	6. Quiz 1 Alternative: Form B*
	7. Médicos de cabecera	7. Family Doctors
	8. En la sala de emergencias	8. In the Emergency Room
	9. El farmacéuta hispano	9. The Hispanic Pharmacist
	10. Proyecto 1: Recomendaciones saludables	10. Project 1: Healthy Recommendations
	11. Prueba 2	11. Quiz 2
	12. Prueba 2 alterna - Versión A*	12. Quiz 2 Alternative: Form A*
	13. Prueba 2 alterna - Versión B*	13. Quiz 2 Alternative: Form B*
	14. Avances en medicina	14. Advances in Medicine
	15. La medicina alternativa	15. Alternative Medicine
	16. La esperanza de vida	16. Life Expectancy
	17. Proyecto 2: La experiencia del tiempo	17. Project 2: The Experience of Time
	18. Repaso	18. Review
	19. Examen	19. Test
	20. Examen alterno - Versión A*	20. Test - Alternative: Form A*
	21. Examen alterno - Versión B*	21. Test - Alternative: Form B*
	22. Glosario y créditos	22. Glossary and Credits

Unit 9: Protejamos Nuestro Planeta (Let's Protect Our Planet)		
Spanish III	Assignments	
	1. La contaminación	1. Pollution
	2. La búsqueda de petróleo	2. The Search for Oil
	3. Las amenazas al medio ambiente	3. Threats to the Environment
	4. Prueba 1	4. Quiz 1
	5. Prueba 1 alterna - Versión A*	5. Quiz 1 Alternative: Form A*
	6. Prueba 1 alterna - Versión B*	6. Quiz 1 Alternative: Form B*
	7. La caza de animales	7. Hunting
	8. Especies en peligro de extinción	8. Endangered Species
	9. Áreas protegidas	9. Protected Areas
	10. Proyecto 1: Una especie para proteger	10. Project 1: A Species to Protect
	11. Prueba 2	11. Quiz 2
	12. Prueba 2 alterna - Versión A*	12. Quiz 2 Alternative: Form A*
	13. Prueba 2 alterna - Versión B*	13. Quiz 2 Alternative: Form B*
	14. Organizaciones Globales de Conservación	14. Global Conservation Organizations
	15. El reciclaje	15. Recycling
	16. Soluciones	16. Solutions
	17. Proyecto 2: Colabora con el medio ambiente	17. Project 2: Environmental Collaboration
	18. Repaso	18. Review
	19. Examen	19. Test
	20. Examen alterno - Versión A	20. Test - Alternative: Form A
	21. Examen alterno - Versión B	21. Test - Alternative: Form B
	22. Glosario y créditos (Glossary and Credits)	22.

Unit 10: Huellas del Pasado (In the Footsteps of the Past)		
Spanish III	Assignments	
	1. La arqueología	1. Archaeology
	2. Animales gigantes	2. Giant Animals
	3. Las momias de Sudamérica	3. The Mummies from South America
	4. Prueba 1	4. Quiz 1
	5. Prueba 1 alterna - Versión A*	5. Quiz 1 Alternative: Form A*
	6. Prueba 1 alterna - Versión B*	6. Quiz 1 Alternative: Form B*
	7. ¿Signos de otro planeta?	7. Signs from Another Planet?
	8. Marcas del pasado	8. Traces of the Past
	9. Ciudades escondidas	9. Hidden Cities
	10. Proyecto 1: Una zona arqueológica del mundo hispanohablante	10. Project 1: An Archaeological Zone in the Spanish-speaking World
	11. Prueba 2	11. Quiz 2
	12. Prueba 2 alterna - Versión A*	12. Quiz 2 Alternative: Form A*
	13. Prueba 2 alterna - Versión B*	13. Quiz 2 Alternative: Form B*
	14. Construcciones misteriosas	14. Mysterious Constructions
	15. El legado escrito	15. The Written Legacy
	16. Música natural	16. The Music of Nature
	17. Proyecto 2: Las culturas indígenas	17. Project 2: Indigenous Cultures
	18. Repaso	18. Review
	19. Examen	19. Test
	20. Examen alterno - Versión A*	20. Test - Alternative: Form A*
	21. Examen alterno - Versión B*	21. Test - Alternative: Form B*
	22. Glosario y créditos	22. Glossary and Credits

Unit 11: La Conciencia Social (Social Consciousness)		
Spanish III	Assignments	
	1. Elecciones	1. Elections
	2. Formas de gobierno	2. Types of Government
	3. Derechos y deberes de las personas	3. Rights and Duties of Individuals
	4. Prueba 1	4. Quiz 1
	5. Prueba 1 alterna - Versión A*	5. Quiz 1 Alternative: Form A*
	6. Prueba 1 alterna - Versión B*	6. Quiz 1 Alternative: Form B*
	7. Comercio internacional	7. International Trade
	8. Programas internacionales	8. International Programs
	9. La agricultura comunal	9. Communal Agriculture
	10. Proyecto 1: La conciencia social y el voluntariado	10. Project 1: Social Awareness and Volunteering
	11. Prueba 2	11. Quiz 2
	12. Prueba 2 alterna - Versión A*	12. Quiz 2 Alternative: Form A*
	13. Prueba 2 alterna - Versión B*	13. Quiz 2 Alternative: Form B*
	14. La emigración	14. Emigration
	15. Las manifestaciones y las protestas	15. Demonstrations and Protests
	16. La juventud hispana	16. Hispanic Youth
	17. Proyecto 2: ¿Es la conciencia social importante?	17. Project 2: Is a Social Conscience Important?
	18. Repaso	18. Review
	19. Examen	19. Test
	20. Examen alterno - Versión A*	20. Test - Alternative: Form A*
	21. Examen alterno - Versión B*	21. Test - Alternative: Form B*
	22. Glosario y créditos	22. Glossary and Credits

Unit 12: Repaso y Examen Semestral (Semester Review and Exam)		
Spanish III	Assignments	
	1. Repaso	1. Review
	2. Examen	2. Test
	3. Examen alterno - Versión A*	3. Test - Alternative: Form A*
	4. Examen alterno - Versión B*	4. Test - Alternative: Form B*



## Trigonometry

Trigonometry is a five-unit elective course for high school students who have successfully completed Algebra I, Geometry, and Algebra II. The materials cover a development of trigonometry from right triangle trigonometry to oblique triangles and the polar plane. Throughout the course, students will develop trigonometric formulas and use them in real-world applications, evaluate trigonometric proofs using complex trigonometric identities and solving trigonometric equations with regard to the unit circle.

The course seeks to help students expand their knowledge and skills so that they may achieve the following goals:

- Use trigonometry as a tool for indirect measurement.
- Model natural phenomenon with trigonometric functions.
- Perform operations with complex numbers using trigonometry.
- Use trigonometric identities to evaluate trigonometric proofs and solve trigonometric equations with regard to the unit circle.
- Solve for unknown sides and angles of right and oblique triangles using right triangle trigonometry, law of sines and law of cosines.

In attaining these goals, students will begin to see the "big picture" of mathematics and understand how numeric, algebraic, and geometric concepts are woven together to build a foundation for higher mathematical thinking.

Unit 1: Right Triangle Trigonometry				
Assignments				
Trigonometry	1.	Course Overview	13.	Quiz 3: The Reciprocal Functions and Identities
	2.	Lengths of Sides	14.	Radian Measure
	3.	Angle Measures	15.	Reference Angles
	4.	Indirect Measure	16.	Velocity
	5.	Quiz 1: Solving a Right Triangle	17.	Quiz 4: Radian Measure
	6.	Angles in the Coordinate Plane	18.	Project: Parametric Equations
	7.	The Unit Circle	19.	Special Project*
	8.	Trigonometric Values of Special Angles	20.	Review
	9.	Quiz 2: The Unit Circle and Special Angles	21.	Test
	10.	Reciprocal Functions	22.	Alternate Test*
	11.	Points on the Terminal Side	23.	Glossary and Credits
	12.	Pythagorean Identities		

Unit 2: Graphing and Inverse Functions		
Trigonometry	Assignments	
	1. Graphing and Amplitude	10. Trigonometric Equations: Part II
	2. Project: The Reciprocal Functions	11. Quiz 2: Inverse Trigonometric Functions
	3. Period and Frequency	12. Project: Modeling with Periodic Functions
	4. Vertical and Horizontal Translations	13. Special Project*
	5. Sinusoidal Functions	14. Review
	6. Quiz 1: Graphing	15. Test
	7. Inverse Functions	16. Alternate Test*
	8. Inverse Reciprocal Functions	17. Glossary and Credits
	9. Trigonometric Equations: Part I	
Unit 3: Analytic Trigonometry		
Trigonometry	Assignments	
	1. The Fundamental Trigonometric Identities	10. Converting Between Products and Sums
	2. Proving Identities	11. Quiz 2: More Identities
	3. Cosine Addition Formula	12. Project: Adding Waves
	4. Sine Addition Formula	13. Special Project*
	5. Tangent Addition Formula	14. Review
	6. Quiz 1: Identities and Addition Formulas	15. Test
	7. Double-Angle Formulas	16. Alternate Test*
	8. Project: Solving Equations Graphically	17. Glossary and Credits
	9. Half-Angle Formulas	
Unit 4: Trigonometric Applications		
Trigonometry	Assignments	
	1. Law of Sines	9. Navigation Application
	2. Ambiguity and Area of a Triangle	10. Vector Multiplication
	3. Law of Cosines: Finding a Side	11. Quiz 2: Vectors
	4. Law of Cosines: Finding an Angle	12. Special Project*
	5. Project: Heron's Formula	13. Review
	6. Quiz 1: Trigonometry of Oblique Triangles	14. Test
	7. Introduction to Vectors	15. Alternate Test*
	8. Vector Components	16. Glossary and Credits
Unit 5: Polar Coordinates		
Trigonometry	Assignments	
	1. Introduction to Polar Coordinates	9. Powers and Nth Roots
	2. Polar Equations	10. Project: Fractals
	3. Project: Graphing in the Polar Plane	11. Quiz 2: Complex Numbers
	4. Polar Curves	12. Special Project*
	5. Polar Forms of Conics	13. Review
	6. Quiz 1: Polar Equations	14. Test
	7. Polar Form of Complex Numbers	15. Alternate Test*
	8. Multiply and Divide Complex Numbers	16. Glossary and Credits

Trig.	Unit 6: Course Review and Exam	
	Assignments	
	1. Review 2. Exam	3. Alternate Exam*

## Twentieth Century American History

Twentieth Century American History is a history elective for high school students interested in examining American history during a century of change, continuity, and conflicts.

Students will examine America's economic, political, governmental, cultural, and technological growing pains during the twentieth century. They will also consider the causes and effects of national and international cooperation, competition, and conflict.

- **Unit 1:** Students will examine the major economic, political, and social changes of the 1800s including: the Industrial Revolution, urbanization, and immigration.
- **Unit 2:** Students will explore the effects of the late 1800s by looking at all aspects of Progressivism.
- **Unit 3:** Students will study issues that occurred after World War I including the Russian Revolution, the Red Scare, and the three presidents following Woodrow Wilson.
- **Unit 4:** Students will obtain knowledge on World War II, the Cold War, Eisenhower, and post-war American society.
- **Unit 5:** Students will identify the Civil Rights Movement, the rise of conservatism, post-Cold War foreign policy, and the economic and social issues facing contemporary America.

In attaining these goals, students will develop insight and perspective on the themes and patterns of history and a greater understanding of today's world.

Twentieth Century American History	Unit 1: Coming of Age	
	Assignments	
	1. Course Overview	11. Quiz 2: Immigration and Urbanization
	2. Entering the Industrial Age	12. Women's Roles in Society
	3. Industrialists and Big Business	13. Race Relations and Discrimination
	4. The American Workforce	14. Education and Entertainment
	5. Farmers and Populists	15. Quiz 3: American Society
	6. Quiz 1: The Industrial United States	16. Special Project*
	7. Immigration at the Turn of the Century	17. Review
	8. Corruption and Political Machines	18. Test
	9. Growth of Cities	19. Alternate Test*
	10. Project: Immigrant Experience	20. Glossary and Credits

Twentieth Century American History	<b>Unit 2: Modern America Emerges</b>	
	<b>Assignments</b>	
	1. Progressivism	11. The United States Enters the War
	2. Progressive Reforms	12. Supporting the War Effort
	3. Leaders and Limitations of Progressivism	13. Wilson's Peace Plan
	4. Quiz 1: Progressive Era	14. Quiz 3: World War I
	5. Global Imperialism	15. Special Project*
	6. American Expansionism	16. Review
	7. The United States as a World Power	17. Test
	8. Project: Panama Canal	18. Alternate Test*
	9. Quiz 2: American Imperialism	19. Glossary and Credits
	10. Causes of World War I	20. The United States Enters the War
Twentieth Century American History	<b>Unit 3: Boom to Bust</b>	
	<b>Assignments</b>	
	1. Russian Revolution	12. World Is Depressed
	2. Red Scare	13. Quiz 3: Great Depression
	3. Return to Normalcy	14. A New Deal for Americans
	4. Rise of a Consumer Culture	15. Deal or No Deal
	5. Quiz 1: Postwar Issues	16. Project: New Deal Programs
	6. Prohibition	17. Quiz 4: New Deal
	7. Flappers and Popular Culture	18. Special Project*
	8. Harlem Renaissance	19. Review
	9. Quiz 2: Roaring Twenties	20. Test
	10. Uncle Sam Is Depressed	21. Alternate Test*
	11. Devastation of the Depression	22. Glossary and Credits
Twentieth Century American History	<b>Unit 4: World War II and the Cold War</b>	
	<b>Assignments</b>	
	1. Isolationism and Nationalism	13. Cold War Chills Americans
	2. Moving from Isolationism to War	14. Quiz 3: Cold War
	3. Quiz 1: Path to War	15. Truman Show
	4. Americans Mobilize	16. Eisenhower Years
	5. European Theatre	17. Nifty Fifties
	6. Holocaust	18. Quiz 4: Post-World War II America
	7. Pacific Theatre	19. Special Project*
	8. America's Greatest Generation	20. Review
	9. Quiz 2: Uncle Sam at War	21. Test
	10. Origins of the Cold War	22. Alternate Test*
	11. China and Korea	23. Glossary and Credits
	12. Superpowers Compete for Influence	



Twentieth Century American History	<b>Unit 5: Change, Continuity, and Conflict</b>	
	<b>Assignments</b>	
	1. Challenging Segregation	11. Immigration and Migration
	2. Civil Rights Movement	12. Social and Religious Changes
	3. Era of Activism	13. Women's Movement
	4. Quiz 1: Civil Rights and Social Change	14. Quiz 3: Contemporary America
	5. Trouble in the White House	15. Special Project*
	6. Conservative Revolution	16. Review
	7. Post-Cold War Foreign Policy	17. Test
	8. Project: Comparison Matrix	18. Alternate Test*
	9. Quiz 2: Foreign Policy and Domestic Politics	19. Glossary and Credits
	10. Global Economy	
TCAH	<b>Unit 5: Change, Continuity, and Conflict</b>	
	<b>Assignments</b>	
	1. Review	3. Alternate Exam
	2. Exam	

## Vietnam Era

What comes to mind when you think about the Vietnam Era? For many, that period represents a difficult time in U.S. history. It is defined by an unpopular war that claimed the lives of 58,000 Americans and some 3 million Vietnamese. In this course, you'll look at the history of the Vietnam War. The roots of the conflict stretch further back than you might know. You'll examine why the United States got involved in the conflict and why the United States failed to achieve its objectives.

- **Unit 1:** Students will learn about the history of Vietnam before the war and explain why the United States got involved in Vietnam.
- **Unit 2:** Students will study the growth of U.S. involvement in Vietnam following the 1954 Geneva Accords to the first American combat troops in 1965 after the Gulf of Tonkin incident.
- **Unit 3:** Students will describe fighting techniques and efforts by both the Vietnamese and Americans as well as the U.S. public opinion about the war.
- **Unit 4:** Students will explore the Tet Offensive, Vietnamization, and the end of the war.
- **Unit 5:** Students will identify the outcome of the Vietnam War, examine the 1973 Paris Peace Accords, and explain the impact of the Vietnam War on American foreign policy.

Unit 1: The Origins of U.S. Involvement in Vietnam		
Vietnam Era	Assignments	
	1. Course Overview	11. Dien Bien Phu
	2. Vietnam	12. The Geneva Accords
	3. Early History	13. Essay: The U.S. Policy for Vietnam
	4. French Indochina	14. Quiz 3: Vietnam and the Cold War
	5. Quiz 1: Toward French Colonization	15. Special Project*
	6. Nationalist Movement	16. Review
	7. World War II	17. Test
	8. The French Indochina War	18. Alternate Test*
	9. Quiz 2: Vietnamese Nationalism	19. Glossary and Credits
	10. Falling Dominoes	
Unit 2: From Military Advisors to Combat Troops		
Vietnam Era	Assignments	
	1. Ngo Dinh Diem: The Miracle Man of Asia	11. Introduction to Combat: Chu Lai and Ia Drang
	2. The National Liberation Front	12. Project: The Eisenhower, Kennedy, and Johnson Administrations
	3. The Diem Coup	13. Quiz 3: The U.S. Military Strategy
	4. Quiz 1: Nation-Building in South Vietnam	14. Special Project*
	5. Lyndon B. Johnson	15. Review
	6. The Gulf of Tonkin Incident	16. Test
	7. The Gulf of Tonkin Resolution	17. Alternate Test*
	8. Quiz 2: Aggression on the High Seas	18. Glossary and Credits
	9. The Air War	
	10. The Ground War	
Unit 3: A Nation Divided By War		
Vietnam Era	Assignments	
	1. Vietnamese Soldiers	10. The Governmental Debate
	2. The Ho Chi Minh Trail	11. The Living Room War
	3. Vietcong Tunnels	12. Project: Vietnam Era Songs
	4. Quiz 1: The Vietnamese Effort	13. Quiz 3: American Public Opinion

	5. Tour of Duty	14. Special Project*
	6. Fighting the War	15. Review
	7. Women and the Vietnam War	16. Test
	8. Quiz 2: The American Effort	17. Alternate Test*
	9. The Antiwar Movement	18. Glossary and Credits

Unit 4: Achieving Peace with Honor		
Vietnam Era	Assignments	
	1. The Tet Offensive	10. Secret Diplomacy
	2. LBJ Shocks the Nation	11. The Paris Peace Accords
	3. The 1968 Election	12. Essay: Vietnamization
	4. Quiz 1: A Turning Point in the War	13. Quiz 3: The End of the War
	5. Richard Nixon	14. Special Project*
	6. Vietnamization	15. Review
	7. The Invasion of Cambodia	16. Test
	8. Quiz 2: Nixon and the Vietnam War	17. Alternate Test*
	9. Crisis in Morale and Discipline	18. Glossary and Credits

Unit 5: The Legacy of Vietnam		
Vietnam Era	Assignments	
	1. Nixon and Watergate	10. U.S.-Vietnamese Relations
	2. Prisoner of War	11. Vietnam Today
	3. The Fall of Saigon	12. Essay: The Vietnam Era
	4. Quiz 1: Aftermath in Asia	13. Quiz 3: Toward Normalization
	5. Vietnam Veterans	14. Special Project*
	6. The Vietnam Veterans Memorial	15. Review
	7. Vietnam Syndrome	16. Test
	8. Quiz 2: Searching for Lessons	17. Alternate Test*
	9. Vietnamese in America	18. Glossary and Credits

Unit 6: Course Review and Exam		
VE	Assignments	
	1. Review	3. Alternate Exam*
	2. Exam	

# Advanced Placement

## Calculus

AP<sup>®</sup> Calculus is a full-year, high school credit course that is intended for the student who has successfully mastered a minimum of four high school level mathematics courses that cover analytical and conceptual algebra (with heavy emphasis on functions), coordinate and plane geometry, and trigonometric functions. It is highly recommended that the student successfully complete pre-calculus as a prerequisite. The course primarily focuses on the skills and methods of analyzing graphical behavior of functions, the definition of a derivative as well as applications of derivatives, integration and their relationships with the graphical function.

Upon successfully completing the course, the student should have mastered the following concepts:

- Perform operations on functions including composition and inverses.
- Using calculation and estimation to evaluate limits.
- Analyze infinite limits and the correlation between their values and the graph's behavior; estimate and understand discontinuity and continuous functions.
- Compute the derivative of a function using the power rule, product and quotient rule, chain rule and all trigonometric rules.
- Use the concept of a derivative to interpret a function's rate of change and continuity; construct the equation of a line tangent to a curve; evaluate the intervals for which a function is increasing or decreasing.
- Interpret the Mean Value Theorem.
- Evaluate the second derivative and find the points of inflection.
- Utilize the derivative through application problems involving area under a curve, velocity, acceleration and speed.
- Evaluate a definite integral using the Fundamental Theorem of Calculus, Riemann Sums, and the rate of change formula.

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Unit 1: Graphs and Limits			
Assignments			
Calculus	1.	Course Overview	13. Limit Proofs
	2.	Course Introduction	14. Evaluating Limits Analytically
	3.	Fermat's Method Part 1	15. Squeeze Theorem with Trigonometry Review
	4.	Fermat's Method Part 2	16. Quiz 2 Review
	5.	Graphs and Models	17. Quiz 2
	6.	Linear Models and Rates of Change	18. Continuity and One-Sided Limits
	7.	Functions and Their Graphs	19. Intermediate Value Theorem
	8.	Quiz 1 Review	20. Infinite Limits
	9.	Quiz 1	21. Chapter 1 Review
	10.	Calculus Preview	22. Special Project*
	11.	Finding Limits Graphically and Numerically	23. Chapter 1 Test
	12.	Epsilon-Delta Definition of a Limit	

Unit 2: Derivatives		
Calculus	Assignments	
	1. Definition of the Derivative	10. Product Rule
	2. Derivatives on the Graphing Calculator	11. Quotient Rule
	3. Drawing Derivatives	12. Higher-Order Derivatives
	4. Alternate Form of the Derivative	13. Chain Rule
	5. Differentiation Rules	14. Implicit Differentiation
	6. Derivatives of Sine and Cosine	15. Chapter 2 Review
	7. Slope as a Rate of Change	16. Special Project*
	8. Quiz 3 Review	17. Chapter 2 Test
	9. Quiz 3	
Unit 3: Related Rates		
Calculus	Assignments	
	1. Related Rates 1	5. Related Rates 5
	2. Related Rates 2	6. Related Rates Review
	3. Related Rates 3	7. Special Project*
	4. Related Rates 4	8. Related Rates Test
Unit 4: Derivative Tests		
Calculus	Assignments	
	1. Extrema on an Interval	9. Chapter 3 Review
	2. Rolle's Theorem and the Mean Value Theorem	10. Special Project*
	3. First Derivative Test	11. Chapter 3 Test
	4. Quiz 4 Review	12. Applied Max and Min Problems 1
	5. Quiz 4	13. Applied Max and Min Problems 2
	6. Concavity and the Second Derivative Test	14. Applied Max and Min Problems 3
	7. Limits at Infinity	15. Linear Approximations
	8. Curve Sketching	16. Differentials
Unit 5: Review and Semester I Exam		
Calculus	Assignments	
	1. Review	2. Semester I Exam
Unit 6: Integrals		
Calculus	Assignments	
	1. Antiderivatives and Integration	10. Second Fundamental Theorem of Calculus
	2. Differential Equations	11. Integration by Substitution
	3. Slope Fields	12. Definite Integrals with Substitution
	4. Sigma Notation and Area	13. Trapezoidal Rule
	5. Riemann Sums and the FTC	14. Particle Movement
	6. Quiz 1 Review	15. Chapter 4 Review
	7. Quiz 1	16. Special Project*
	8. Mean Value Theorem and Average Value	17. Chapter 4 Test
	9. Integrating When the Curve Goes Below the x-axis	

Unit 7: Natural Logs and Functions		
Calculus	Assignments	
	1. Review of the Natural Log and its Properties	8. Exponential Functions
	2. Natural Log Function and Differentiation	9. Bases Other Than e
	3. Natural Log Function and Integration	10. Growth and Decay
	4. Integrating Trig Functions	11. Chapter 5 Review
	5. Quiz 2 Review	12. Special Project*
	6. Quiz 2	13. Chapter 5 Test
	7. Review of Inverse Functions	

Unit 8: Area and Volume		
Calculus	Assignments	
	1. Area Between Two Curves	5. Sections 6.1 and 6.2 Review
	2. Volumes of Revolution: The Disk Method	6. Special Project*
	3. Volumes of Revolution: The Disk and Washer	7. Sections 6.1 and 6.2 Test
	4. Volumes of Solids with Known Cross Sections	

Unit 9: Inverse Trig Functions		
Calculus	Assignments	
	1. Inverse Trig Functions	4. Inverse Trig Functions Review
	2. Differentiating Inverse Trig Functions	5. Special Project*
	3. Integrating Inverse Trig Functions	6. Inverse Trig Functions Test

Unit 10: Review and Semester II Exam		
Calculus	Assignments	
	1. Review	2. Semester II Exam

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## Comparative Government and Politics

Comparative Government and Politics will introduce students to the diverse political environment outside the United States. The course will compare six selected countries with respect to their political structure and policies as well as different challenges within each of those countries. Students will also examine how different governments solve similar problems and then compare the effectiveness of their approach.

One resource that should be widely used in this course is the information provided at [apcentral.collegeboard.com](http://apcentral.collegeboard.com). This site contains formerly released free response questions (FRQs) as well as overviews and guidelines as you prepare for the final exams of this course. Most helpful will be the Course Description book which also gives the breakdown of the AP<sup>®</sup> Exam <sup>™</sup>.

- **Unit 1:** Students will be introduced to comparative politics, political science, and linkage institutions.
- **Unit 2:** Students will examine the political structures of Russia and Nigeria and the relationships between states and the people.
- **Unit 3:** Students will explain the identity of states, the divides that exist between ethnic and religious lines, and the opposing political viewpoints on these topics. They will also examine the government of the United Kingdom.
- **Unit 4:** Students will identify different states and their market structures as well as the political history and systems of the United Kingdom. They will also understand what a political economy and supranational organizations are and how they interact with states.
- **Unit 6:** Students will examine the different institutions and participation in democracies. They will also take a look at newly industrializing and less developed countries, and the political system of Mexico.
- **Unit 7:** Students will explore and compare the authoritarian political systems, identify the history, and examine the political structures of China and the Middle East.
- **Unit 8:** Students will bring everything they learned together to form a complete picture of the politics of China, Great Britain, Mexico, Iran, Nigeria, and Russia. They will take a closer look at the inner workings of Nigeria as well as examine globalization, economic sovereignty, and the development of nations.

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Comparative Government and Politics	<b>Unit 1: Introduction to Comparative Politics</b>	
	<b>Assignments</b>	
	1. Course Overview	8. Labeled Map
	2. Introduction to Comparative Politics	9. Political Science
	3. Quiz	10. Linkage Institutions
	4. The Most Successful Revolution	11. Being an Ambassador
	5. Chapter 1: Introduction Comparative Politics	12. Special Project*
	6. Chapter 1: Quiz Preparation	13. Test
	7. Chapter 1 Quiz	
Comparative Government and Politics	<b>Unit 2: Political Structure</b>	
	<b>Assignments</b>	
	1. Chapter 2: The Modern State	11. Chapter 3 Quiz
	2. Chapter 2: Quiz Preparation	12. Citizen's Rights
	3. Chapter 2 Quiz	13. Russian Revolution
	4. Nigeria	14. State of Russia
	5. Boka Haram	15. Navalny Articles
	6. Nigeria Quiz	16. Russia and the West Article
	7. The West and The Rest	17. Russia and German Parrellism
	8. The Rise of the West	18. Putin
	9. Chapter 3: States	19. Special Project*
	10. Chapter 3: Quiz Preparation	20. Russia Quiz
Comparative Government and Politics	<b>Unit 3: States and Identities</b>	
	<b>Assignments</b>	
	1. Chapter 4: States and Identity	7. Crash of Civilization
	2. Chapter 4: Quiz Preparation	8. Edward Said v. Huntington
	3. Chapter 4 Quiz	9. Advanced Democracies and the UK
	4. Clash of Civilizations	10. Scotland
	5. The Clash of Civilizations: Part 2	11. Special Project*
	6. Conflict or Cooperation	12. Test
Comparative Government and Politics	<b>Unit 4: States and Markets</b>	
	<b>Assignments</b>	
	1. Chapter 5: States and Markets	6. Political Economy
	2. Chapter 5: Quiz Preparation	7. Road to Serfdom
	3. Chapter 5 Quiz	8. Ethel Wood
	4. United Kingdom	9. Special Project*
	5. Ukraine Invasion	10. Test
CGP	<b>Unit 5: Mid Term</b>	
	<b>Assignments</b>	
	1. Review	3. Exam
	2. Essay	



Comparative Government and Politics	Unit 6: Political Systems in Democracies	
	Assignments	
	1. Chapter 6: Governing Institutions in Democracies	8. Chapter 7: Quiz Preparation
	2. Chapter 6: Quiz Preparation	9. Chapter 7 Quiz
	3. Chapter 6 Quiz	10. Newly Industrializing and Less Developed Countries
	4. Duverger's Law	11. Mexico
	5. Proportional Representation	12. Special Project*
	6. Alternative Vote	13. Test
	7. Chapter 7: Institutions of Participation and Representation in Democracies	
Comparative Government and Politics	Unit 7: Political Systems in Authoritarian Regimes	
	Assignments	
	1. China: Part 1	12. Arab Spring
	2. China: Part 2	13. The Rise of Competitive Authoritarianism
	3. Air Pollution	14. Iran
	4. Two Political Systems	15. Iran: Why Rouhani Won
	5. Ai WeiWei	16. New Ideas in Iran
	6. China Test	17. Iran Test
	7. Chapter 8: Authoritarian Institutions	18. Non-Democracies
	8. Chapter 8: Quiz Preparation	19. Chapter 9: Regime Change
	9. Chapter 8 Quiz	20. Chapter 9: Quiz Preparation
	10. China and The Future	21. Special Project*
	11. Chinese Challenges	22. Chapter 9 Quiz
Comparative Government and Politics	Unit 8: Policies and Global Issues	
	Assignments	
	1. Nigeria	11. Chapter 11: Public Policies When Markets Fail
	2. Ken Saro-Wiwa	12. Chapter 11: Quiz Preparation
	3. Reforming Nigeria	13. Chapter 11 Quiz
	4. Reflection: Nigeria	14. Chapter 12: Policies and Politics of Inclusion and Clashing Values
	5. Nigeria Test	15. Chapter 12: Quiz Preparation
	6. Chapter 10: Globalization	16. Chapter 12 Quiz
	7. Chapter 10: Quiz Preparation	17. Special Project*
	8. Chapter 10 Quiz	18. Your Country
	9. Margaret Thatcher and Foreign Trade	
	10. Iran's Economy: Fading Hope	
CGP	Unit 9: AP® Test Prep	
	Assignments	
	1. Review: Charts	6. Practice Test 2
	2. Review: Vocabulary	7. Review: Test Structure
	3. Practice Test 1	8. Review: FRQs
	4. Review: Videos	9. Practice Test 3
	5. Review: Countries	10. Special Project*

Unit 10: Final Exam	
CGP	<b>Assignments</b>
	1. Review: Part 1
	2. Review: Part 2
	3. Final Exam

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## English Language and Composition

This is a college-level course to prepare students for the Advanced Placement Language and Composition exam by engaging in critical reading, writing, and discussion. The stated purpose of the course (from the College Board) is to "emphasize the expository, analytical, and argumentative writing that forms the basis of academic and professional communication." To accomplish this goal, students learn to read texts closely to determine the author's purpose and means of conveying his or her message.

In addition to various passages and articles, students engage in analysis of images to better understand the processes of communication, persuasion and argument. The goal is to develop skills in analyzing, explaining, and arguing through the analysis of texts from various time periods and genres and through writing formal and informal responses to them in a variety of modes.

Students will also complete quizzes, timed essays, and practice tests to help prepare for the AP® exam throughout the course.

Due to the complex nature of this course, and the multi-faceted approach to the AP Exam preparation, most lessons will likely take longer than one traditional class period. Plan for two to three traditional class periods, in order to allow students ample time to complete their work. Each lesson contains specific notes regarding work time, for teacher reference.

It is highly recommended that teachers and students alike register with AP® Central to gain access to previously published tests as additional practice.

- **Unit 1: Introduction to Rhetoric:** Students begin looking through the text and learning what it takes to closely read a text, examining the different parts of the rhetorical triangle, and looking at the rhetorical situation, as well as the occasion and context of a piece of writing and the way all these concepts affect a piece of writing. Students examine various modes of writing such as narrative and cause and effect, and appeals to ethos, logos, and pathos. Students also master a variety of rhetorical terms, such as repetition, chiasmus, antithesis, hyperbole, and irony.
- **Unit 2: Rhetorical Analysis:** Rhetorical analysis is usually the first essay on the AP English and Language Composition exam. Students have to read a passage quickly, annotate and understand it, and then write an essay that asks them to identify rhetorical strategies and what effect those strategies have on the message of the piece. Best practices for tackling the test are also examined.
- **Unit 3: The Descriptive Essay of Historical Fiction:** This part of the course takes a detour into historical fiction. Students will study style, compassion, voice, themes, and motifs. Students are guided through a detailed analysis of the text which culminates in writing a descriptive essay about the text.
- **Unit 4: Introduction to Argument:** The second essay that AP English Language and Composition students are asked to write is the argument essay. Students are usually given a prompt or a quote about an issue and asked to agree, disagree, qualify, or discuss. Here, students transition from persuading to deliberately arguing, focusing their work on argumentation through a variety of modes: satire, persuasion, audience, and argument refutations.
- **Unit 5: Satirical Writing and Argumentation:** Through studying the role of the writer's voice to persuade, engage, and argue, students work to use language deliberately to create the effect that they want their readers to experience. It's important to understand the basic rules of argument and how to link evidence to reasoning, as well as to develop skills and strategies will support students in the composition of good argument essays.
- **Unit 6: Rhetoric and Language:** This unit turns back to rhetoric and explores the various rhetorical appeals that will help students to understand both the rhetorical essay as well as argument. Students will examine

the effectiveness of humor, pay close attention to visual literacy, and develop more strategies to increase coherence in essays.

- **Unit 7: The Synthesis Essay:** The third essay that AP English Language and Composition students are asked to write for the exam is a synthesis essay. This essay combines argument with sources in which students use a prompt, an assignment, and between seven and eight sources that the College Board provides to develop their own argument. The essay should include both direct and indirect quotes that are consistently documented (does not need to be in MLA).
- **Unit 8: Julius Caesar:** Students read *Julius Caesar*, examining the rhetoric of key soliloquies, as well as strategies for studying famous speeches and sermons. This helps students become more comfortable with dated language and also helps them to practice both rhetorical analysis and argumentation skills.
- **Unit 9: Letters, Speeches, and Paired Texts:** Examining speeches and letters allows students to see just how the audience affects the way a writer frames his or her message and how the audience will control the type of language he or she will use. In the past, there have been compare/contrast essay prompts on the rhetorical analysis test, and so it is a good idea to look at some paired texts to help students prepare.
- **Unit 10: Exam Prep:** Test preparation is critical in this Advanced Placement course and this unit begins with foundational information about how to prepare for the multiple choice test, which is followed by a short quiz to ensure that students have understood the information. The unit then moves into practice tests: three multiple choice tests, three rhetorical analysis prompts with exemplar essays, three argument prompts with exemplar essays, and three synthesis prompts with exemplar essays. The recommendation is that all of these tests should be timed.

When you are asked to write an essay, a description of the topic/assignment and a length requirement will be included. Note that the minimum length requirement assumes FULL pages. For instance, a two to three page paper should fill at least two full pages. You should write using the MLA page set up guidelines, headings, and font suggestions (typically Times New Roman 12).

Most of the readings are taken from the text *The Language of Composition* by Renee H. Shea, Lawrence Scanlon, and Robin Dissin Aufses. Any other texts are included in the test for the convenience of the students and teachers.

Below is a list of resources that are not included in this course and must be acquired separately.

ISBN	Title	Author
978-0743262170	<i>Cry, the Beloved Country</i>	Alan Paton
978-0-312-67650-6	<i>The Language of Composition</i>	Renee H. Shea et al.

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English Language and Composition	Unit 1: Introduction to Rhetoric	
	Assignments	
	1. Course Overview	7. Writing the Introduction
	2. Close Reading	8. Introduction to Rhetorical Terms
	3. Attacking the Text	9. Quiz: Rhetorical Terms
	4. Relating to the Text	10. Rhetoric Readings: A Reading and Writing Assignment
	5. Ethos, Logos, and Pathos	11. Test: Introduction to Rhetoric
	6. A Method for Essay Composition	

  

English Language and Composition	Unit 2: Rhetorical Analysis	
	Assignments	
	1. The Modes of Writing	6. Tone
	2. Reading for the Mode	7. Style
	3. Diction	8. Figurative Language

	4. Parallelism	9. Quiz: Rhetorical Analysis
	5. Syntax as a Rhetorical Strategy	10. Test: Rhetorical Analysis

Unit 3: Descriptive Essay and Cry the Beloved Country		
English Language and Composition	Assignments	
	1. Cry, the Beloved Country: Introduction	8. Writing a Descriptive Essay
	2. Cry, the Beloved Country: Chapters 11-17	9. Project: "Separate but Equal": Compare and Contrast
	3. Cry, the Beloved Country: Themes and Motifs	10. Quiz: Descriptive Essay and Cry the Beloved Country
	4. Cry, the Beloved Country: Chapters 18-21	11. Test: Descriptive Essay and Cry the Beloved Country
	5. Cry, the Beloved Country: Chapters 30-33	
	6. Cry, the Beloved Country: Chapters 34-36	
	7. Digging Deeper: Justice vs. Mercy	

Unit 4: Introduction to Argumentation		
English Language and Composition	Assignments	
	1. Argument Versus Persuasion	6. Considering the Opposition
	2. Fact Versus Opinion	7. Evaluating Arguments
	3. Logical Fallacies and Propaganda	8. Writing the Argument Essay
	4. Inductive Versus Deductive Organization	9. Quiz: Introduction to Argumentation
	5. Rhetorical Questions	10. Test: Introduction to Argumentation

Unit 5: Satirical Writing and Argumentation		
English Language and Composition	Assignments	
	1. Introduction to Satire	6. Visual Texts as Arguments
	2. Analyzing Satire	7. Satire: When Worlds Collide
	3. "A Modest Proposal": Irony	8. "Corn-Pone Opinions": Analyzing Satire
	4. "A Modest Proposal": Analysis	9. Quiz: Satirical Writing
	5. Politics and the English Language	10. Test: Satirical Writing

English Language and Composition	<b>Unit 6: Rhetoric and Language</b>	
	<b>Assignments</b>	
	1. The Power of the Short Sentence and Fragment	6. "In Plain English": Analysis
	2. Correct Pronoun Usage	7. The Value of Concise Writing
	3. "Mother Tongue": Analysis	8. "On Dumpster Diving": Analysis
	4. How to Tackle Dated Language	9. Quiz: Rhetoric and Language
	5. "Slang in America": Analysis	10. Test: Rhetoric and Language

  

English Language and Composition	<b>Unit 7: The Synthesis Essay</b>	
	<b>Assignments</b>	
	1. Introduction to the Synthesis Essay	7. The Individual and the Community: Readings
	2. Reading the Cartoons and Graphs	8. The Individual and the Community: Synthesis Essay
	3. The American High School: Readings	9. Quiz: The Synthesis Essay
	4. The American High School: Synthesis Essay	10. Test: The Synthesis Essay
	5. American Politics and the English Language: Readings	
	6. American Politics and the English Language: Synthesis Essay	

  

English Language and Composition	<b>Unit 8: Julius Caesar</b>	
	<b>Assignments</b>	
	1. Who Was Julius Caesar?	6. Julius Caesar, Act IV
	2. Who Was William Shakespeare?	7. Julius Caesar, Act V
	3. Julius Caesar, Act I	8. Julius Caesar: Argument Essay
	4. Julius Caesar, Act II	9. Quiz: Julius Caesar
	5. Julius Caesar, Act III	10. Test: Julius Caesar

  

English Language and Composition	<b>Unit 9: Letters, Speeches, and Paired Texts</b>	
	<b>Assignments</b>	
	1. Understanding Audience	6. Inaugural Address, January 20, 1961: Analysis
	2. "The Proper Place for Sports": Analysis	7. Paired Texts
	3. "Letter to King Ferdinand of Spain": Analysis	8. "The New Consumerism" and "Shop-happy": Analyzing Paired Texts
	4. How to Analyze a Speech	9. Quiz: Letters, Speeches, and Paired Texts
	5. "Defense of Native American Religion": Analyzing a Speech	10. Test: Letters, Speeches, and Paired Texts

Unit 10: Exam Prep	
English Language and Composition	Assignments
	1. Multiple Choice and Test Taking Strategies
	2. Multiple Choice Practice: Test One
	3. Essay Practice: Thoughts on Peace in an Air Raid: Rhetorical Analysis
	4. Essay Practice: Facebook Friendonomics: Argument Essay
	5. Essay Practice: Consumerism in America: Synthesis Essay
	6. Multiple Choice Practice: Test Two
	7. Essay Practice: The Destruction of Culture: Rhetorical Analysis
	8. Essay Practice: The Case for Working with Your Hands: Argument Essay
	9. Essay Practice: American Culture Taking Over the World: Synthesis Essay
	10. Multiple Choice Practice: Test Three
	11. Essay Practice: Lord Chesterfield: Rhetorical Analysis
	12. Essay Practice: Making Mistakes: Argument Essay
	13. Essay Practice: Eating Locally: Synthesis Essay

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## Human Geography

**Course Design:** Human Geography is taught as an introductory-level college course intended to prepare students for the Advanced Placement Human Geography exam. This two-semester course will teach students the basic concepts of human geography and give them a geographic framework for the analysis of current world problems through case studies, computer applications, and fieldwork. The students will learn to use the tools of a geographer to ask geographic questions; acquire, organize, and analyze geographic information; and answer geographic questions. They will also take online, multiple-choice quizzes, and practice free-response questions (FRQs) in preparation for the AP<sup>®</sup> exam.

The students will also need access to map collections, atlases, encyclopedias, and other reference materials both online and in their local libraries.

- **Unit 1:** Students will be introduced to human geography, the five themes of geography, and thematic maps.
- **Unit 2:** Students will examine population patterns throughout the world and regional trends, while also exploring demographics and migrations.
- **Unit 3:** Students will learn the components of culture and the nature of human-environment interactions.
- **Unit 4:** Students will take a closer look into culture and how it is affected by regions, language, and religion.
- **Unit 5:** Students will explore national political units and their geographic characteristics as well as global economic systems.
- **Unit 7:** Students will gain knowledge on agriculture production and natural resources and how they are used globally.
- **Unit 8:** Students will learn about industrialization and the economic development of countries.
- **Unit 9:** Students will explore urban systems and urban structures, census data, and examining information about different cities.
- **Unit 10:** Students will examine market area geography, global tourism, and the effects of natural resources on cities.

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	<b>Unit 1: Geography Native and Perspective</b>	
	<b>Assignments</b>	
Human Geography	1. Course Overview	8. Project: Thematic Maps Activity
	2. Chapter 1 Introduction: Background Basics	9. Spatial Interaction and Spatial Behavior
	3. Quiz: Chapter 1 - Fellmann	10. Quiz: Chapter 3 - Fellmann
	4. Project: Site and Situation	11. Tracking the AIDS Epidemic
	5. Project: A Sense of My Place	12. Project: Mapping the Diffusion of AIDS
	6. True Maps, False Impressions	13. Special Project*
	7. Project: Map Scale Computations	14. Test
	<b>Unit 2: Population and Migration</b>	
	<b>Assignments</b>	
	1. Population: World Patterns, Regional Trends	6. Project: Demographic Description with Population Pyramids
	2. Population Geography: Mexico and Guatemala	7. A Death in the Desert
	3. Quiz: Chapter 4 - Fellmann	8. Project: Principal Migration of Recent Centuries
	4. Project: Demographic Transition Model	9. Special Project*
	5. One Billion and Counting	10. Test
	<b>Unit 3: Cultural Patterns</b>	
	<b>Assignments</b>	
	1. Roots and Meaning of Culture	5. Project: Layers of Tradition: Culture Regions
	2. Quiz: Chapter 2 - Fellmann	6. Special Project*
	3. India: The Missing Girls	7. Test
	4. Layers of Tradition	
	<b>Unit 4: Cultural Processes</b>	
	<b>Assignments</b>	
Human Geography	1. Cultural Postcard	9. Imagining New Worlds
	2. A Migrant's Heart	10. Folk and Popular Culture: Diversity and Uniformity
	3. Language and Religion: Mosaics of Culture	11. Quiz: Chapter 7 - Fellmann
	4. Project: Local Park	12. St. Petersburg: Russia's Window on the West and Vologda
	5. Quiz: Chapter 5 - Fellmann	13. Special Project*
	6. Ethnic Geography: Threads of Diversity	14. Test
	7. Quiz: Chapter 6 - Fellmann	
	8. Ethnic Fragmentation in Canada	
	<b>Unit 5: Political Organization of Space</b>	
	<b>Assignments</b>	
	1. Political Ordering of Space	8. Project: The Rise of Nationalism and the Fall of Yugoslavia
	2. Quiz: Chapter 12 - Fellmann	9. Do Orange and Green Clash?
	3. From Rags to Riches	10. Berlin: Changing Center of a Changing Europe
	4. Project: Economic Development and Human Development Models	11. Project: Mapping Religious Affiliation in Northern Ireland
	5. Inside the Global Economy	12. Special Project*
	6. Supranationalism and Devolution	13. Test
	7. Breaking Up is Hard to Do	
	<b>Unit 6: Review Semester Exam</b>	
	<b>Assignments</b>	
HG	1. Alaska: The Last Frontier?	5. Project: Regional Multipliers
	2. Help Wanted	6. Global Firms in the Industrializing East
	3. Quiz: Chapter 6 - Kuby	7. Semester Exam
	4. Project: Regional Economic Specialization	

Human Geography	<b>Unit 7: Agriculture and Rural Land Use</b>	
	<b>Assignments</b>	
	1. Livelihood and Economy: Primary Activities	7. Quiz: Chapter 8 - Kuby
	2. Quiz: Chapter 8 - Fellmann	8. Brazil: The Sleeping Giant
	3. Project: Von Thunen's Model of Land Use	9. Changes on the Chang Jiang
	4. Water is for Fighting Over	10. Special Project*
	5. Food for Thought	11. Test
	6. Project: Global Sources in your Supermarket	
Human Geography	<b>Unit 8: Industrialization and Economic Development</b>	
	<b>Assignments</b>	
	1. Patterns of Development and Change	5. Quiz: Chapter 9 - Fellmann
	2. Quiz: Chapter 10 - Fellmann	6. Project: The Transforming Industrial Heartland
	3. Developing Countries	7. Special Project*
	4. Livelihood and Economy: From Blue Collar to Gold Collar	8. Test
Human Geography	<b>Unit 9: Cities and Urban Land Use I</b>	
	<b>Assignments</b>	
	1. Urban Systems and Urban Structures	7. Project: Analysis of Census Tract Data
	2. Quiz: Chapter 11 - Fellmann	8. The Challenge for Two Old Cities
	3. Cityscapes, Suburban Sprawl	9. Take Me Out to the Ballgame
	4. The Disappearing Front Range	10. Project: Central Place Function Thresholds
	5. Project: The Role of Transportation in Urban Growth	11. Small Farms, Big Cities
	6. Reading the Urban Landscape: Census Data and Field Observation	12. Special Project*
		13. Test
HG	<b>Unit 10: Cities and Urban Land Use II</b>	
	<b>Assignments</b>	
	1. Market Area Geography	4. Oil and Water
	2. Global Tourism	5. Special Project*
	3. Project: Building Blocks: A Density Game	6. Test
HG	<b>Unit 11: Review and Semester Exam</b>	
	<b>Assignments</b>	
	1. Project: World Geography Interactive Games	2. Final Exam

Unit 12: AP® Exam Prep	
HG	Assignments
	1. Project: Human Geography Models Review
	2. Project: Review Games
	3. Practice Human Geography Exam

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## Macro Economics

Macro Economics is the study of the performance of an economy as a whole. This course will cover in detail basic economic concepts, measurement of economic performance, national income and price determination, the financial sector, inflation, unemployment and stabilization policies, economic growth and productivity, and international trade and finance. Upon completing this course, students will be trained to interpret economic news, understand the effects of government policies, and excel on the AP® exam. The learning methodologies in this course are varied and highly interactive, and the main textbook will be supplemented with economic simulation games, application reports, assessments, and videos.

- **Unit 1:** Students will explore what economics is and basic economic concepts such as: factors of production, demand and supply, and how to apply them.
- **Unit 2:** Students will examine each of the three major tools for measuring the health of the economy.
- **Unit 3:** Students will be introduced to the aggregate demand and supply model, Keynesian thinking, and the consumption and aggregate expenditures model.
- **Unit 4:** Students will gain knowledge on what money is and how it is created, financial markets, and monetary policy.
- **Unit 5:** Students will explore government and fiscal policy, inflation and unemployment, and the Philips Curve.
- **Unit 6:** Students will define and measure economic growth and development and the role of investments.
- **Unit 7:** Students will examine international trade and finance, exchange rates, balance payments, and currency reserves. They will conclude the unit by completing lessons to prepare them for the AP exam.

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Unit 1: Basic Economic Concepts	
Assignments	
Macro Economics	1. Course Overview
	2. Chapter 1: Economics: The Study of Choice
	3. Foundations
	4. CEE Activity 1-1
	5. Introduction to Economics
	6. Chapter 1 Quiz
	7. Chapter 2: Confronting Scarcity: Choices in Production
	8. Factors of Production and the Production Possibilities Model
	9. CEE Activities 1-2, 1-3
	10. The PPF and Comparative Advantage
	11. Chapter 2 Quiz
	12. Chapter 3: Demand and Supply
	13. Demand and Supply
	14. CEE Activities 1-4, 1-5, 1-6
	15. Supply, Demand, and Equilibrium
	16. Chapter 4: Applications of Demand and Supply
	17. CEE Activities 1-7, 1-8, 1-9
	18. Chapter 3 Quiz
	19. The Economic Way of Thinking Draft
	20. The Economic Way of Thinking Final
	21. Sample FRQ Practice A
	22. CEE Unit 1 Sample MCQs.
	23. Special Project*
	24. Test
Unit 2: Measurement of Economic Performance	
Assignments	
Macro Economics	1. Chapter 5: Macro Economics: The Big Picture
	2. Themes of Macro Economics
	3. CEE Activities 1-10, 2-3, 2-4, 2-5, 2-6
	4. Business Cycle, Inflation, and Calculating the
	8. CEE Activities 2-1, 2-2
	9. GDP and the Circular Flow
	10. Chapter 6 Quiz
	11. Sample FRQ Practice B

	Unemployment Rate	12. CEE Unit 2 sample MCQs
5.	Chapter 5 Quiz	13. Special Project*
6.	Chapter 6: Measuring Total Output and Income	14. Test
7.	National Income Accounting	

Unit 3: National Income and Price Determination		
Macro Economics	Assignments	
	1. Chapter 7: Aggregate Demand and Aggregate Supply	9. MPC, MPS, and the Multiplier
	2. AD and AS Part 1	10. CEE Activity 3-2
	3. CEE Activities 3-1, 3-3, 3-4	11. The Consumption Function and MPC and the Multiplier
	4. AD and AS Part 2	12. Chapter 8 Quiz
	5. CEE Activities 3-5, 3-6, 3-8, 3-9	13. Sample FRQ Practice C
	6. Keynesian Thinking	14. CEE Unit 3 sample MCQs
	7. Chapter 7 Quiz	15. Special Project*
	8. Chapter 8: Consumption and the Aggregate Expenditures Model	16. Test

Unit 4: The Financial Sector		
Macro Economics	Assignments	
	1. Chapter 9: The Nature and Creation of Money	12. Monetary Policy
	2. The Money Supply and Fractional Reserve Banking	13. CEE Activities 4-6, 4-7, 4-8, 4-9
	3. CEE Activities 4-1, 4-2, 4-3	14. Fed Open Market Operations
	4. The Money Supply and Fractional Reserve Banking	15. Monetary Policy Application Report Draft
	5. Chapter 9 Quiz	16. Chapter 11 Quiz
	6. Chapter 10: Financial Markets and the Economy	17. Monetary Policy Application Report Final
	7. Financial Markets	18. Sample FRQ Practice D
	8. Bond Prices and Money Markets	19. Play the Fed Chairman Game
	9. CEE Activities 4-4, 4-5	20. CEE Unit 4 sample MCQs
	10. Chapter 10 Quiz	21. Special Project*
	11. Chapter 11: Monetary Policy and the Fed	22. Test

Unit 5: Inflation, Unemployment and Stabilization Policies		
Macro Economics	Assignments	
	1. Chapter 12: Government and Fiscal Policy	11. Chapter 13 Quiz
	2. Fiscal Policy	12. Chapter 14: A Brief History of Macroeconomic Thought and Policy
	3. CEE Activities 5-1, 5-2, 5-3, 5-4	13. Fiscal Policy Application Report Draft
	4. Monetary and Fiscal Policy	14. Fiscal Policy Application Report Final
	5. CEE Activities 5-5, 5-6, 5-7	15. Sample FRQ Practice D
	6. Chapter 12 Quiz	16. CEE Unit 5 sample MCQs
	7. Chapter 13: Inflation and Unemployment	17. Special Project*
	8. The Phillips Curve Part 1	18. Test
	9. The Phillips Curve Part 2	
	10. CEE Activities 3-7, 5-8, 5-9	

Unit 6: Economic Growth and Productivity		
Macro Economics	Assignments	
	1. Chapter 15: Economic Growth	8. Review Long Run Aggregate Supply
	2. Economic Growth and Development	9. Chapter 16 Quiz
	3. CEE Activities 6-1, 6-2, 6-3	10. Sample FRQ Practice E
	4. Economic Growth Through Investment	11. CEE Unit 6 sample MCQs
	5. Chapter 15 Quiz	12. Special Project*
	6. Chapter 16: Investment and Economic Activity	13. Test
	7. The Role of Investment	

Unit 7: International Trade and Finance		
Macro Economics	Assignments	

1.	Chapter 17: International Trade	11.	CEE Unit 7 sample MCQs
2.	International Trade	12.	Review A
3.	CEE activity 7-2	13.	Practice Exam A
4.	Chapter 17 Quiz	14.	Quiz: Graphs
5.	Chapter 18: Net Exports and International Finance	15.	Review B
6.	The Balance of Payments and Exchange Rates	16.	Practice Exam B
7.	CEE activities 7-1, 7-3, 7-4, 7-5	17.	Review C
8.	Balance of Payments and Currency Reserves	18.	Practice Exam C
9.	Chapter 18 Quiz	19.	Final Exam
10.	Sample FRQ Practice F		

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## U.S. Government and Politics

U.S. Government and Politics offers students an advanced study of topics concerning the nation's founding and form of government, as well as an examination of historical and current political issues. The assignments in this course utilize an assigned textbook and study guide, as well as links to external content and articles.

One resource that should be widely used in this course is the information provided at [apcentral.collegeboard.com](https://apcentral.collegeboard.com). This site contains formerly released free response questions (FRQs) as well as overviews and guidelines as you prepare for the final exams of this course. Most helpful will be the course description book which also gives the breakdown of the AP Exam™.

- **Unit 1:** Students will examine the founding of the United States with an in-depth look at the Declaration of Independence and the Constitution.
- **Unit 2:** Students will explore the Bill of Rights, history of civil liberties including the fight for equal rights among different ethnicities and gender, history of feminism, religious freedom, current race problems, and marriage equality.
- **Unit 3:** Students will gain an understanding of how the United States Congress works.
- **Unit 5:** Students will obtain knowledge on the history and evolution of the presidency and bureaucracy in government.
- **Unit 6:** Students will identify the role of public opinion in democracy along with the role of lobbyists, political parties, and election campaigns in government.
- **Unit 7:** Students will examine the function media plays in politics.
- **Unit 8:** Students will explore state and local politics as well as social, environmental, economic, and foreign policies.
- **Unit 9:** Students will interact with reviews and guides to prepare for the AP exam.

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	Unit 1: Constitutional Underpinnings	
	Assignments	
U.S. Government and Politics	1. Course Overview	20. Declaration of Independence
	2. The Most Successful Revolution	21. The Constitution Reader: Letter to Henry Lee, Second Treatise of Government, and The Farmer Refuted
	3. Introduction to the Constitution: Part 1	22. Is the Declaration of Independence Illegal?
	4. Chapter 1. Who Gets What, and How?	23. Understanding the Declaration of Independence
	5. Introduction to the Constitution: Parts 2 and 3	24. Importance of the Declaration of Independence
	6. Chapter 1 Quiz	25. Chapter 3 Quiz
	7. Introduction to the Constitution: Part 4	26. Chapter 4. Federalism and the Constitution
	8. Introduction to the Constitution: Reflection	27. The Constitution and the Bill of Rights
	9. Chapter 2. American Citizens and Political Culture	28. Majority Tyranny
	10. Chapter 2 Quiz	29. Consent of the Governed and the Separation of Powers
	11. Dr. Os Guinness: A Free People's Suicide	30. The Constitution Video
	12. Ellis Island	31. Chapter 4 Quiz
	13. Supreme Court and Arizona Immigration Law	32. The Constitutional Reader: Vices of the Political System of the United States and Federalists 51, 63, and 70
	14. Citizenship	33. Special Project*
	15. Chapter 3. Politics of the American Founding	34. Unit 1 Test
	16. The Meaning and History of the Constitution	
	17. Our Founding Fathers	
	18. Mayflower Compact	
	19. The Articles of Confederation	
	Unit 2: Civil Liberties	
	Assignments	
U.S. Government and Politics	1. Chapter 5. Fundamental American Liberties	9. Manhattan Declaration
	2. Chapter 5 Quiz	10. Defense of Marriage Act
	3. The Amendments	11. Interview and Response
	4. Rights are Secured	12. Civil Liberties and Civil Rights
	5. Chapter 6. The Struggle for Equal Rights	13. Chapter 6 Quiz
	6. Crisis of the Constitution	14. Special Project*
	7. Ferguson Case and Race	15. Unit 2 Test
	8. The Feminism Myths	
	Unit 3: Government Structure Part 1	
	Assignments	
U.S. Government and Politics	1. Chapter 7. Congress	4. Progressive Rejection of the Principles of the Declaration
	2. Chapter 7 Quiz	5. Special Project*
	3. Congressional Disapproval	6. Unit 3 Test
	Unit 4: Mid-Term Preparation and Test	
	Assignments	
U.S. GP	1. Review	2. Mid-Term



Unit 5: Government Structure Part 2		
U.S. Government and Politics	Assignments	
	1. Chapter 8. The Presidency	12. Bureaucracy and Government
	2. Introduction: The Modern Presidency	13. The Bureaucratic State
	3. Bills and Executive Orders	14. Big Government
	4. The Presidency	15. Bureaucracy in Your Life
	5. Betty Ford	16. Chapter 9 Quiz
	6. Reagan Speech at the Brandenburg Gate	17. Chapter 10. The American Legal System and the
	8. Chapter 8 Quiz	18. Supreme Court Cases
	9. Essay: Modern President	19. Chapter 10 Quiz
	10. Chapter 9. The Bureaucracy	20. Special Project*
	11. The Administrative State	21. Unit 5 Test
Unit 6: Public Opinion and Political Parties		
U.S. Government and Politics	Assignments	
	1. Chapter 11. Public Opinion	11. U.S. Policy
	2. Chapter 11 Quiz	12. Interest Groups and Linkage Institutions
	3. Modern Polling	13. Chapter 13 Quiz
	4. Public Opinion	14. Chapter 14. Voting
	5. Chapter 12. Political Parties	15. Chapter 14 Quiz
	6. Party Identification	16. Presidential Campaigning
	7. Chapter 12 Quiz	17. Primary Elections
	8. Political Parties	18. Special Project*
	9. Chapter 13. Interest Groups	19. Unit 6 Test
	10. Interest Groups and Lobbyists	
Unit 7: The Media		
U.S. Government and Politics	Assignments	
	1. Chapter 15. The Media	4. Bloomberg News Discussion
	2. Chapter 15 Quiz	5. Special Project*
	3. The Colbert Report	6. Unit 7 Test
Unit 8: Federal Structure and Government Policies		
U.S. Government and Politics	Assignments	
	1. Chapter 16. State and Local Politics in a Federal System	8. Chapter 18. Economic Policy
	2. Federal Viewpoints	9. Debt Ceiling
	3. Chapter 16 Quiz	10. Economic Outcomes
	4. Chapter 17. Social and Environmental Policy	11. Chapter 18 Quiz
	5. Chapter 17 Quiz	12. Chapter 19. Foreign Policy
	6. Domestic Policy	13. Chapter 19 Quiz
	7. Your Country	14. Special Project*
		15. Unit 8 Test

U.S. Government and Politics	Unit 9: AP® Test Preparation	
	Assignments	
	1. Student Information on the Exam	5. Complete Practice Exam One and Score Your Test
	2. Chapters 1-5 and Complete the Two Diagnostic Exams	6. Complete Practice Test Two and Three
	3. Chapters 6-11	7. Released FRQs
	4. Chapters 12-16	8. Special Project*
		9. Unit 9 Test
U.S. GP	Unit 10: Final Exam	
	Assignments	
	1. Review	2. Final Exam

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## U.S. History

U.S. History is an advanced history course that helps students prepare for the College Board's AP exam which is at an introductory college level. The course emphasizes the movements and events that have shaped the United States from its earliest beginnings to the present day. AP courses are rigorous and utilize reading and writing skills, analysis, contextualization, and being able to compare and contrast past events with present.

One resource that should be widely used in this course is the information provided at [apcentral.collegeboard.com](http://apcentral.collegeboard.com). This site contains formerly released free response questions (FRQs) and multiple choice questions, as well as overviews and guidelines as you prepare for the final exams of this course. Most helpful will be the course description book which also gives the breakdown of the AP Exam™.

- **Unit 1:** Students will examine the Age of Discovery and also describe the political, economic, and religious characteristics of the original colonies.
- **Unit 2:** Students will identify the multiple causes and outcomes of the Revolutionary War.
- **Unit 3:** Students will examine America after the Revolution including the first government and leaders as well as the economic situation.
- **Unit 4:** Students will explore the Jefferson and Jackson presidencies, U.S. expansion, the War of 1812 and its effects.
- **Unit 6:** Students will describe the Industrial Revolution and its effects on American society, examine the Great Awakening, and the cotton industry in the South.
- **Unit 7:** Students will gain information on Manifest Destiny, sectionalism, and events leading to the Civil War.
- **Unit 8:** Students will recall the causes and major events of the Civil War and examine Reconstruction.
- **Unit 10:** Students will explore the politics and business of the Gilded Age including political bosses, giants of industry, and labor unions.
- **Unit 11:** Students will describe the urbanization of America and its effects, westward migration, and agricultural difficulties.
- **Unit 12:** Students will explain the factors of U.S. imperialism and Theodore Roosevelt's presidency.
- **Unit 13:** Students will identify characteristics and events of the Progressive Era, the start of World War I, and summarize U.S. involvement in World War I.
- **Unit 14:** Students will describe the economic and cultural characteristics of the Roaring Twenties. They will also examine causes of and responses to the Great Depression.
- **Unit 15:** Students will explore the New Deal, World War II, and America's involvement in the war.
- **Unit 16:** Students will describe the causes and events of the Cold War, Eisenhower era, and the 1960s.
- **Unit 17:** Students will describe the 1970s, the rise of conservatism, and the United States since the Cold War including the Iraq War and 9/11.

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U.S. History	<b>Unit 1: The Age of Discovery and Colonial Settlement (1500-1692)</b>	
	<b>Assignments</b>	
	1. Course Overview 2. Course Information 3. New World Beginnings, 33,000 B.C-A.D. 1769 4. Planting of English America, 1500-1733 5. Settling the Northern Colonies, 1619-1700	6. American Life in the Seventeenth Century, 1607 - 1692 7. Special Project* 8. Test: The Age of Discovery and Colonial Settlement 9. Writing Assignment
U.S. History	<b>Unit 2: Pre-Revolutionary America (1608-1775)</b>	
	<b>Assignments</b>	
	1. Unit Information 2. Colonial Society on the Eve of the Revolution, 1700 - 1775 3. The Duel for North America, 1608-1763	4. The Road to Revolution, 1763-1775 5. Special Project* 6. Test: Pre-Revolutionary America 7. Writing Assignment
U.S. History	<b>Unit 3: The Revolutionary Period and the Early Republic (1775-1800)</b>	
	<b>Assignments</b>	
	1. Course Information 2. America Secedes from the Empire, 1775-1783 3. The Confederation and the Constitution, 1776-1790 4. Launching the New Ship of State, 1789-1800	5. Special Project* 6. Test: The Revolutionary Period and the Early Republic 7. Writing Assignment
U.S. History	<b>Unit 4: The Development of Jeffersonian Democracy (1800-1840)</b>	
	<b>Assignments</b>	
	1. Course Information 2. The Triumphs and Travails of the Jeffersonian Republic, 1800-1812 3. The Second War for Independence and the Upsurge of Nationalism, 1812-1824	4. The Rise of a Mass Democracy, 1824-1840 5. Special Project* 6. Test: The Development of Jeffersonian Democracy 7. Writing Assignment
U.S. History	<b>Unit 5: Midterm Examination</b>	
	<b>Assignments</b>	
	1. Midterm Tips 2. Midterm Examination	3. Alternate Midterm Examination*
U.S. History	<b>Unit 6: The Changing Face of America (1790-1860)</b>	
	<b>Assignments</b>	
	1. Forging the National Economy, 1790-1860 2. The Ferment of Reform and Culture, 1790-1860 3. The South and the Slavery Controversy, 1793-1860	4. Special Project 5. Test: The Changing Face of America 6. Writing Assignment
U.S. History	<b>Unit 7: The Pre-Civil War Era (1841-1861)</b>	
	<b>Assignments</b>	
	1. Course Information 2. Manifest Destiny and Its Legacy, 1841-1848 3. Renewing the Sectional Struggle, 1848-1854 4. Drifting Toward Disunion, 1854-1861	5. Special Project* 6. Test: The Pre-Civil War Era 7. Writing Assignment
U.S. History	<b>Unit 8: Civil War and Reconstruction (1861-1877)</b>	
	<b>Assignments</b>	
	1. Girding for War: The North and the South, 1861-1865 2. The Furnace of Civil War, 1861-1865 3. The Ordeal of Reconstruction, 1865-1877	4. Special Project* 5. Test: Civil War and Reconstruction 6. Writing Assignment

U.S. History	<b>Unit 9: Semester I Final Examination</b>	
	<b>Assignments</b>	
	1. Final Exam Tips 2. Final Examination	3. Alternate Final Examination*
U.S. History	<b>Unit 10: Forging an Industrial Society (1869-1900)</b>	
	<b>Assignments</b>	
	1. Semester II Course Introduction 2. Political Paralysis in the Gilded Age, 1869-1896 3. Industry Comes of Age, 1865-1900	4. Special Project* 5. Test: Forging an Industrial Society 6. Writing Assignment
U.S. History	<b>Unit 11: America Moves: to the City and to the West (1865-1900)</b>	
	<b>Assignments</b>	
	1. America Moves to the City, 1865-1900 2. The Great West and the Agricultural Revolution, 1865-1896	3. Special Project* 4. Test: America Moves: to the City and to the West 5. Writing Assignment
U.S. History	<b>Unit 12: America's Age of Imperialism (1890-1912)</b>	
	<b>Assignments</b>	
	1. Empire and Expansion, 1890-1909 2. Progressivism and the Republican Roosevelt, 1901-1912	3. Special Project* 4. Test: America's Age of Imperialism 5. Writing Assignment
U.S. History	<b>Unit 13: Wilson and the First World War (1912-1918)</b>	
	<b>Assignments</b>	
	1. Wilsonian Progressivism at Home and Abroad, 1912-1916 2. The War to End War, 1917-1918	3. Special Project* 4. Test: Wilson and the First World War 5. Writing Assignment
U.S. History	<b>Unit 14: Semester II Midterm Examination</b>	
	<b>Assignments</b>	
	1. Midterm Tips	2. Midterm Examination
U.S. History	<b>Unit 15: The Roaring Twenties and the Politics of Boom and Bust (1919-1932)</b>	
	<b>Assignments</b>	
	1. American Life in the 'Roaring Twenties', 1919-1929 2. The Politics of Boom and Bust, 1920-1932 3. Special Project*	4. Test: The Roaring Twenties and the Politics of Boom and Bust 5. Writing Assignment
U.S. History	<b>Unit 16: FDR and the New Deal (1933-1941)</b>	
	<b>Assignments</b>	
	1. The Great Depression and the New Deal, 1933-1939 2. Franklin D. Roosevelt and the Shadow of War, 1933-1941 3. America in World War II, 1941-1945	4. Special Project* 5. Test: FDR and the New Deal 6. Writing Assignment
U.S. History	<b>Unit 17: America in the Postwar Era</b>	
	<b>Assignments</b>	
	1. The Cold War Begins, 1945-1952 2. The Eisenhower Era, 1952-1960 3. The Stormy Sixties, 1960-1968	4. Special Project* 5. Test: America in the Postwar Era 6. Writing Assignment

Unit 18: Toward a New Century	
U.S. History	<b>Assignments</b>
	1. The Stalemated Seventies, 1968-1980
	2. The Resurgence of Conservatism, 1980-1992
	3. America Confronts the Post-Cold War Era, 1992-2004
	4. Special Project*
	5. Test: Toward a New Century
	6. Writing Assignment
Unit 19: Semester II Final Examination	
U.S. History	<b>Assignments</b>
	1. Final Exam Tips
	2. Final Examination

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# Blended Learning Library

## Mathematics 700 Resources

The Blended Learning Library is a supplemental resource which may be used by teachers in conjunction with the subjects of Math 7, Math 8, Algebra I, Geometry, and Algebra II. They are not meant to serve as individual, stand-alone courses. These resources serve as a library of additional material to supplemental the respective course should a teacher decide to use them.

Mathematics 700 Resources	<b>Unit 1: Integers</b>	
	<b>Assignments</b>	
	1. Integers on the Number Line	8. Dividing Integers
	2. Comparing and Ordering Integers	9. Using Integers
	3. Inequalities and Absolute Value	10. The Real Number System
	4. Adding Integers with the Same Sign	11. Real Number Properties
	5. Adding Integers with Different Signs	12. The Distributive Property
	6. Subtracting Integers	13. Order of Operations
	7. Multiplying Integers	14. Exponents and the Order of Operations

  

Mathematics 700 Resources	<b>Unit 2: Fractions</b>	
	<b>Assignments</b>	
	1. Fractions and Mixed Numbers	5. Adding and Subtracting Fractions with Unlike Denominators
	2. Prime Factorization	6. Reducing Fractions
	3. Greatest Common Factor and Least Common Multiple	7. Comparing and Ordering Fractions
	4. Adding and Subtracting Fractions with Like Denominators	8. Multiplying Fractions
		9. Dividing Fractions

  

Mathematics 700 Resources	<b>Unit 3: Decimals</b>	
	<b>Assignments</b>	
	1. Comparing and Ordering Decimals	5. Fractions as Decimals
	2. Rounding and Estimating Decimals	6. Using Decimals
	3. Adding and Subtracting Decimals	7. Scientific Notation
	4. Multiplying and Dividing Decimals	8. The Metric System

  

Mathematics 700 Resources	<b>Unit 4: Patterns and Equations</b>	
	<b>Assignments</b>	
	1. Adding and Subtracting Algebraic Expressions	5. Translating Word Sentences
	2. Expanding and Factoring Algebraic Expressions	6. Solving Equations Using Addition and Subtraction
	3. Identifying Functions	7. Solving Equations Using Multiplication and Division
	4. Identifying Function Rules	

Mathematics 700 Resources	<b>Unit 5: Ratios and Proportions</b>	
	<b>Assignments</b>	
	1. Ratios 2. Rates 3. Proportions 4. Similarity	5. Converting between Fractions, Decimals and Percents 6. Solving Percent Problems Using Proportions 7. Solving Percent Problems Using Equations
Mathematics 700 Resources	<b>Unit 6: Probability and Graphing</b>	
	<b>Assignments</b>	
	1. Theoretical Probability 2. Experimental Probability 3. Sample Space 4. Independent and Dependent Events	5. Graphing Linear Equations 6. Slope 7. Direct Variation
Mathematics 700 Resources	<b>Unit 7: Data Analysis</b>	
	<b>Assignments</b>	
	1. Theoretical Probability 2. Experimental Probability 3. Sample Space 4. Independent and Dependent Events	5. Graphing Linear Equations 6. Slope 7. Direct Variation
Mathematics 700 Resources	<b>Unit 8: Geometry</b>	
	<b>Assignments</b>	
	1. Special Pairs of Angles 2. Polygons 3. Triangles 4. Quadrilaterals	5. Symmetry 6. Reflections 7. Translations
Mathematics 700 Resources	<b>Unit 9: Measurement and Area</b>	
	<b>Assignments</b>	
	1. Perimeter 2. Circumference 3. Area of a Parallelogram 4. Area of Triangles and Trapezoids	5. Area of Circles 6. Area of Composite Figures 7. Square and Square Roots
Mathematics 700 Resources	<b>Unit 10: Surface Area and Volume</b>	
	<b>Assignments</b>	
	1. Surface Area and Volume 2. Surface Area Rectangular Prisms 3. Volume of Rectangular Prisms 4. Surface Area and Volume	5. Volume of Triangular Prisms 6. Surface Area of Cylinders 7. Volume of Cylinders



## Mathematics 800 Resources

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Mathematics 800 Resources	<b>Unit 1: The Real Number System</b>	
	<b>Assignments</b>	
	1. Course Overview	6. Rational and Irrational Numbers
	2. The Real Number System	7. The Distributive Property
	3. Symbolic Algebra	8. Negative Exponents
	4. The Number Line	9. Operations with Scientific Notation
	5. Comparing Rational Numbers	10. Square Roots
Mathematics 800 Resources	<b>Unit 2: Modeling Problems in Integers</b>	
	<b>Assignments</b>	
	1. Translating into Mathematical Language	8. Exponents and Integers
	2. Solving One-Step Equations	9. Evaluating Expressions
	3. Solving Two-Step Equations	10. Graphing using Coordinate Planes
	4. Relations and Functions	11. Using Equivalent Expressions to Solve Equations
	5. Analyzing Graphs	12. Solving Two-Step Equations
	6. Adding Integers	13. Solving Word Problems
	7. Subtracting Integers	
Mathematics 800 Resources	<b>Unit 3: Modeling Problems with Rational Numbers</b>	
	<b>Assignments</b>	
	1. Adding and Subtracting Unlike Fractions	5. Two-Step Equations
	2. Multiplying and Dividing Fractions	6. One-Step Inequalities
	3. One-step Addition and Subtraction Equations	7. Two-Step Inequalities
	4. One-Step Multiplication and Division Equations	
Mathematics 800 Resources	<b>Unit 4: Proportional Reasoning</b>	
	<b>Assignments</b>	
	1. Proportions	5. Unit Conversions with Metric Units
	2. Direct Variations	6. Indirect Measure
	3. Solving Percent Problems	7. Models and Scales
	4. Unit Conversions	
Mathematics 800 Resources	<b>Unit 5: More with Functions</b>	
	<b>Assignments</b>	
	1. Solving Equations by Combining Like Terms	5. Patterns and Arithmetic Sequences
	2. Solving Equations with Distributive Property	6. Geometric Sequences
	3. Slope-Intercept Form	7. Recursive Sequences
	4. Non-Linear Functions	

Mathematics 800 Resources	<b>Unit 6: Probability and Graphing</b>	
	<b>Assignments</b>	
	1. Perpendicular and Parallel Lines 2. Going in Circles 3. Classifying Polygons 4. Angle Measures of Polygons	5. Classifying Triangles 6. The Quadrilateral Family 7. Pythagorean Theorem
Mathematics 800 Resources	<b>Unit 7: Perimeter and Circumference</b>	
	<b>Assignments</b>	
	1. Perimeter and Circumference 2. Area Triangles and Trapezoids 3. Symmetry 4. Reflections	5. Translations 6. Rotations 7. Dilations
Mathematics 800 Resources	<b>Unit 8: Measures of Solid Figures</b>	
	<b>Assignments</b>	
	1. Surface Area of Rectangular Prisms 2. Surface Area of Cylinder 3. Surface Area of Composite Figures 4. Volume of Triangular Prisms	5. Volume of Square Pyramids 6. Volume of Cones 7. Volume of Spheres
Mathematics 800 Resources	<b>Unit 9: Data Analysis</b>	
	<b>Assignments</b>	
	1. Measures of Central Tendency and Dispersion 2. Circle Graphs 3. Frequency and Histograms 4. Constructing Box and Whisker Plots	5. Interpreting Box and Whisker Plots 6. Scatter Plots 7. Misleading Graphs
Mathematics 800 Resources	<b>Unit 10: Probability</b>	
	<b>Assignments</b>	
	1. Tree Diagrams and Counting Principle 2. Permutation 3. Combinations 4. Probability and Odds	5. Probability Types 6. Overlapping Events 7. Independent and Dependent Events

## Algebra I Resources

The Blended Learning Library is a supplemental resource which may be used by teachers in conjunction with the subjects of Math 7, Math 8, Algebra I, Geometry, and Algebra II. They are not meant to serve as individual, stand-alone courses. These resources serve as a library of additional material to supplemental the respective course should a teacher decide to use them.

Unit 1: Foundations of Algebra	
Algebra I Resources	Assignments
	1. Course Overview
	2. Translating with Algebraic Expressions
	3. Using the Order of Operations
	4. Evaluating Expressions
	5. Real Numbers and The Number Line
	6. Converting between Decimals and Fractions
	7. The Multiplicative Inverse
	8. Adding and Subtracting Rational Numbers
	9. Dividing Integers
	10. Absolute Value and the Order of Operations
	11. Properties of Addition and Multiplication
	12. Combining Like Terms
	13. Simplifying Expressions

Unit 2: Linear Equations	
Algebra I Resources	Assignments
	1. Translating Algebraic Sentences
	2. Solutions
	3. Multiplication Property of Equality
	4. Solving Two-Step Equations
	5. Solving Multi-Step Equations
	6. Linear Equations--Possible Solution Sets
	7. Solving Equations with Parentheses
	8. Solving Literal Equations
	9. Writing Equations
	10. Solving Word Problems
	11. Consecutive Integer Problems
	12. Age Problems
	13. Error in Measurement
	14. Mixture Problems

Unit 3: Functions	
Algebra I Resources	Assignments
	1. The Abscissa and Ordinate
	2. Relations
	3. Inputs and Outputs
	4. Graphing Functions on the Coordinate Plane
	5. Writing a Function Rule
	6. Sequences
	7. Direct Variations
	8. Finding Slope Algebraically
	9. Writing Equations in General Form
	10. Slope-Intercept Form
	11. Writing Linear Equations (1)
	12. Writing Linear Equations (2)
	13. Parallel and Perpendicular Lines

Unit 4: Inequalities	
Algebra I Resources	Assignments
	1. Set Builder Notation
	2. Solving Inequalities by Addition
	3. Solving Inequalities by Multiplication
	4. Solving Multi-Step Inequalities
	5. Translating Inequalities
	6. Union and Intersection
	7. Compound Inequalities
	8. Graphing Linear Inequalities
	9. Solving Absolute Value Equations and Inequalities
	10. Graphing Absolute Value Inequalities on the Number Line
	11. Graphing Absolute Value Inequalities on the Coordinate Plane

Unit 5: Linear Systems	
Algebra I Resources	Assignments
	1. Systems of Linear Equations
	2. Solve a System by Graphing
	3. Systems of Inequalities Solutions
	4. Solving by Substitution
	5. Solving by Elimination
	6. Solving with Determinants
	7. Solving Systems with Fractions
	8. Solving Word Problems with Two Unknowns
	9. Solving Money Problems
	10. Solving Mixture Problems

Unit 6: Polynomials	
Algebra I Resources	Assignments
	1. Adding and Subtracting Polynomials
	2. Simplifying Polynomial Expressions
	3. Multiplying Polynomials
	4. The FOIL Method
	5. Dividing by a Monomial
	6. Dividing by a Polynomial
	7. Prime Factorization and the GCF
	8. Factoring Polynomials
	9. Factoring by Grouping
	10. Factoring Trinomials (1)
	11. Factoring Trinomials (2)
	12. The Difference of Two Squares
	13. Factoring Polynomials Completely

Unit 7: Exponential and Radical Functions	
Algebra I Resources	Assignments
	1. Negative Exponents
	2. Evaluating Exponential Expressions
	3. Writing Numbers in Scientific Notation
	4. Properties of Exponents (1)
	5. Properties of Exponents (2)
	6. Properties of Exponents (3)
	7. Geometric Sequences
	8. Simplifying Perfect Roots
	9. Multiplying Radicals
	10. Rationalizing the Denominator
	11. Combining Like Radicals
	12. Radical Equations

Algebra I Resources	<b>Unit 8: Quadratics</b>	
	<b>Assignments</b>	
	1. The Pythagorean Theorem and Irrational Numbers	10. Solving Word Problems Using a Quadratic Equation
	2. Circle Equations	11. Solving Quadratic Equations by Completing the Square (1)
	3. Midpoint of a Line Segment	12. Solving Quadratic Equations by Completing the Square (2)
	4. Quadratic Equations	13. The Quadratic Formula
	5. Graphing Parabolas	14. Solving Quadratic Equations Using the Quadratic Formula
	6. Graphing Quadratic Functions in General Form	
	7. Graphing Quadratic Inequalities	
	8. Solving Quadratic Equations by Factoring	
	9. The Square Root Property	
Algebra I Resources	<b>Unit 9: Rational Expressions</b>	
	<b>Assignments</b>	
	1. Writing a Rational Expression in Lowest Terms	6. Solving Equations That Contain Fractions
	2. Multiplying and Dividing Rational Expressions	7. Simplifying Complex Fractions
	3. Adding and Subtracting Rational Expressions (1)	8. Solving Inequalities That Contain Fractions
	4. Adding and Subtracting Rational Expressions (2)	9. Distance and Pipe Flow Problems
	5. Solving Proportions	10. Unknown Number Problems
Algebra I Resources	<b>Unit 10: Probability and Statistics</b>	
	<b>Assignments</b>	
	1. Mean, Median, and Mode	5. Permutations
	2. Range and Interquartile Range	6. Combinations
	3. Scatter Plots	7. Introduction to Probability
	4. Listing Outcomes and the Multiplication Principle	8. Mutually Exclusive and Inclusive Events

## Geometry Resources

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Geometry Resources	Unit 1: Introduction	
	Assignments	
	1. Course Overview	6. Plane
	2. Set Theory Review	7. Geometric Postulates
	3. Operations with Sets	8. Review of Algebraic Postulates
	4. Point	9. Geometric Theorems
	5. Line	10. Review of Properties of Algebra

Geometry Resources	Unit 2: Logic	
	Assignments	
	1. Logic	6. Converse, Inverse, Contrapositive
	2. Conjunctions	7. The Given Statement
	3. Disjunctions	8. To Prove Statement
	4. Negations	9. The Plan of the Proof
	5. Conditional Statements	10. The Paragraph Proof

Geometry Resources	Unit 3: Angles and Parallels	
	Assignments	
	1. Angle Measurement	6. Classifying Triangles
	2. Angle Relationships	7. Exterior and Remote Interior Angles of a Triangle
	3. Angle Relationship Theorems	8. Proofs Involving Triangles
	4. Basic Properties of Parallels	9. Other Polygons
	5. Transversals and Special Angles	

Geometry Resources	Unit 4: Congruent Triangles and Quadrilaterals	
	Assignments	
	1. Defining Congruent Triangles	7. Inequality Theorem in One Triangle
	2. Proving Triangles Congruent	8. Quadrilateral Parallelograms Theorems
	3. Proving Right Triangles congruent	9. Triangles that Use Parallelograms in Proofs
	4. Independent Triangles	10. Parallelograms: Rectangles
	5. Overlapping Triangles	11. Trapezoids - Definitions and Proofs
	6. Isosceles Triangles	

Geometry Resources	<b>Unit 5: Similar Polygons</b>	
	<b>Assignments</b>	
	1. Algebra and Ratios 2. Algebra Properties and Proportions 3. Properties of Proportions 4. Meaning of Similarity - Theorems 5. Meaning of Similarity - Proofs 6. The Pythagorean Theorem 7. Theorems about 45-45-90 Right Triangles	8. Using Triangles: Rectangular Solids 9. Using Triangles: Regular Square Pyramid 10. Trigonometry - Sine Ratio 11. Trigonometry - Cosine Ratio 12. Trigonometry - Tangent Ratio 13. Using Similar Triangles in Indirect Measurement 14. Using Trigonometry in Indirect Measurement
Geometry Resources	<b>Unit 6: Circles</b>	
	<b>Assignments</b>	
	1. Tangents 2. Arcs	3. Chords 4. Special Segments
Geometry Resources	<b>Unit 7: Area and Volume</b>	
	<b>Assignments</b>	
	1. Area Concepts of Polygons 2. Area of Regular Polygons 3. Circles: Circumference and Pi 4. Circles: Areas of Circles 5. Circles: Areas of Sectors 6. Circles: Areas of Segments	7. Solids: Prisms 8. Solids: Pyramids 9. Solids: Cylinders 10. Solids: Cones 11. Solids: Spheres 12. Two and Three-Dimensional Objects
Geometry Resources	<b>Unit 8: Coordinate Geometry</b>	
	<b>Assignments</b>	
	1. Symmetry 2. Distance Formula 3. Perimeter and Area 4. Equation of a Circle	5. Midpoint Formula 6. Slope 7. Parallel and Perpendicular Lines 8. Figures in the Coordinate Plane
Geometry Resources	<b>Unit 9: Transformations</b>	
	<b>Assignments</b>	
	1. Isometry: Reflection 2. Isometry: Translations 3. Isometry: Rotations	4. Similarity Transformation: Dilation 5. Inverse and Identity

Geometry Resources	<b>Unit 10: Geometric Application</b>	
	<b>Assignments</b>	
	1. Using SOH CAH TOA in Trigonometry	5. Law of Cosines: Finding a Side
	2. Finding the Values of Trigonometric Functions	6. Law of Cosines: Finding an Angle
	3. Law of Sines	7. Density
	4. Ambiguity and Area of a Triangle	

Geometry Resources	<b>Unit 11: Probability</b>	
	<b>Assignments</b>	
	1. Definitions, Sample Spaces and Probability	5. Conditional Probability
	2. Addition of Probabilities	6. Conditional Probability in the Real-World Situations
	3. Multiplication of Probabilities	7. Two-Way Frequency Tables
	4. Permutations of N Things: Different	



## Algebra II Resources

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Algebra II Resources	<b>Unit 1: Set, Structure, and Function</b>	
	<b>Assignments</b>	
	1. Course Overview	5. Relations and Functions: Graphs
	2. Picturing sets	6. Algebraic Expressions: Exponents
	3. Working with Sets	7. Solving Multi-Step Equations
	4. Relations and Functions: Definitions	8. Working with Inequalities
Algebra II Resources	<b>Unit 2: Numbers, Sentences, and Problems</b>	
	<b>Assignments</b>	
	1. Equations with Parentheses	3. Solving and Graphing Compound inequalities
	2. Graphing Solution Sets for Inequalities	4. Motion Problems
Algebra II Resources	<b>Unit 3: Linear Equations and Inequalities</b>	
	<b>Assignments</b>	
	1. Graphing Lines with Two Points	5. Solutions by Addition
	2. Writing Equations with Point Slope	6. Solving Systems by Substitution
	3. Graphing Lines with Slope Intercept	7. Graphing Two Variable Inequalities
	4. Solving Systems by Graphing	
Algebra II Resources	<b>Unit 4: Polynomials</b>	
	<b>Assignments</b>	
	1. Products and Factoring	7. Add and Subtract Polynomials by Identifying Like Terms
	2. Multiplying Polynomials by Polynomials	8. Synthetic Division
	3. Special Products Part 1	9. The Remainder Theorem
	4. Special Products Part 2	10. Using Numerical Relationships
	5. Identify and Factor Perfect Square Trinomials	11. Direct Variation
	6. Identify and Factor Sum and Difference of Cubes	12. Inverse Variation
Algebra II Resources	<b>Unit 5: Algebraic Fractions</b>	
	<b>Assignments</b>	
	1. Dividing Algebraic Fractions	3. Mixed Expressions and Complex Fractions
	2. Adding and Subtracting Rational Expressions	4. Equations with Fractions

Algebra II Resources	<b>Unit 6: Real Numbers</b>	
	<b>Assignments</b>	
	1. Real Numbers 2. Laws of Radicals 3. Conjugates 4. Radical Equations 5. Factoring Quadratic Equations 6. Completing the Square	7. Quadratic Formula 8. Sum and Product of Roots 9. The Discriminant 10. Fundamental Theorem of Algebra 11. Imaginary Numbers
Algebra II Resources	<b>Unit 7: Quadratic Relations and Systems</b>	
	<b>Assignments</b>	
	1. Circles 2. Ellipse 3. More ellipses 4. Parabola	5. Hyperbola 1 6. Systems of Equations 7. Solutions of Inequalities 8. Constant of Proportionality
Algebra II Resources	<b>Unit 8: Functions</b>	
	<b>Assignments</b>	
	1. Exponential Functions 2. Graphs of Piecewise functions 3. Exponential Equations 4. Logarithmic Functions 5. Evaluating Exponential functions with Logarithms 6. Properties of Logarithms	7. Solving Logarithmic Equations 8. Comparing Functions 9. Inverse Functions 10. Matrices 11. System Solutions with Matrices
Algebra II Resources	<b>Unit 9: Counting Principles</b>	
	<b>Assignments</b>	
	1. Factorials 2. Permutations 3. Combination Formula 4. Combinations Applications 5. Binomial Coefficients	6. Probability concepts 7. Equally likely outcomes 8. Multiplication Principle 9. Conditional Probability
Algebra II Resources	<b>Unit 10: Trigonometry</b>	
	<b>Assignments</b>	
	1. The Unit Circle 2. Reciprocal Functions 3. Radian Measure 4. Evaluating Trig Functions	5. The Pythagorean Identity 6. Graphs and Amplitude 7. Graphs and Modeling
Algebra II Resources	<b>Unit 11: Statistics</b>	
	<b>Assignments</b>	
	1. Sample Surveys 2. Normal Distributions	3. Experiments 4. Probability and Decisions

# Test Prep

## ACT Test Prep

ACT® Test Prep	<b>Unit 1: Orientation to the ACT</b>	
	<b>Assignments</b>	
	1. Introduction and Overview to the ACT 2. Test Tips	3. Glossary and Credits
ACT® Test Prep	<b>Unit 2: The ACT English Test</b>	
	<b>Assignments</b>	
	1. Overview of the ACT English Test 2. Punctuation, Grammar, and Usage 3. Sentence and Paragraph Structure 4. Sentence and Paragraph Structure: Pronouns 5. Sentence and Paragraph Structure: Syntax and Style	6. Word Use 7. Writing Strategy and Style 8. English Practice Test 9. Glossary and Credits
ACT® Test Prep	<b>Unit 3: The ACT Mathematics Test</b>	
	<b>Assignments</b>	
	1. Overview of the ACT Mathematics Test 2. Elementary Algebra 3. Intermediate Algebra/Coordinate Geometry	4. Plane Geometry/Trigonometry 5. Mathematics Practice Test 6. Glossary and Credits
ACT® Test Prep	<b>Unit 4: The ACT Reading Test</b>	
	<b>Assignments</b>	
	1. Overview of the ACT Reading Test 2. Balance and Efficiency 3. Fiction	4. Nonfiction 5. Reading Practice Test 6. Glossary and Credits
ACT® Test Prep	<b>Unit 5: The ACT Science Test</b>	
	<b>Assignments</b>	
	1. Overview of the ACT Science Test 2. Data Representation 3. Research Summaries	4. Conflicting Viewpoints 5. Science Practice Test 6. Glossary and Credits
ACT® Test Prep	<b>Unit 6: The ACT Writing Test</b>	
	<b>Assignments</b>	
	1. Overview of the ACT Writing Test 2. Samples and Comparison	3. Prompts for Practice 4. Glossary and Credits

Unit 7: Practice Test		
ACT® Test Prep	Assignments	
	1. ACT Practice Test: English	9. ACT Practice Test - Alternate Test 2: English*
	2. ACT Practice Test: Math	10. ACT Practice Test - Alternate Test 2: Math*
	3. ACT Practice Test: Reading	11. ACT Practice Test - Alternate Test 2: Reading*
	4. ACT Practice Test: Science	12. ACT Practice Test - Alternate Test 2: Science*
	5. ACT Practice Test - Alternate Test 1: English*	13. ACT Practice Test - Alternate Test 3: English*
	6. ACT Practice Test - Alternate Test 1: Math*	14. ACT Practice Test - Alternate Test 3: Math*
	7. ACT Practice Test - Alternate Test 1: Reading*	15. ACT Practice Test - Alternate Test 3: Reading*
	8. ACT Practice Test - Alternate Test 1: Science*	16. ACT Practice Test - Alternate Test 3: Science*

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## Essentials of Mathematics

Essentials of Mathematics is a semester-length review of the fundamentals taught in Pre-Algebra, Algebra I and Geometry courses and is useful at the high school level for basic skill remediation and/or practice necessary to prepare for a state exam. The course highlights basic mathematical skills through multiple review, practice and sample exam questions.

Upon successfully completing the course, the student should have mastered the following concepts:

- Understand and know how to compute and define rational numbers.
- Perform basic operations such as addition, subtraction, multiplication, and division with fractions, decimals, and percents.
- Apply basic fundamental rules of exponents as well as scientific notation.
- Be able to construct basic and complex geometric shapes; solve for perimeter, area, surface area, and volume.
- Use inductive and deductive reasoning, conjectures, and estimation necessary to construct a picture, formula or equation needed for analyzing and solving algebraic and geometric word problems involving basic probability and statistical reasoning, scale factor, graphic representation of quantities, and linear systems of equations.
- Solve single variable, absolute value, and linear systems of equations.
- Evaluate, solve, and graph linear functions as well as conceptualize the relationship between the independent and dependent variable of a function.
- Simplify and perform operations with radical expressions and polynomials.
- Understand and know how to apply the slope-intercept form of a line, slope formula, and Pythagorean theorem.

Unit 1: Number Sense	
Assignments	
1. Course Overview	9. Fractions and Factoring
2. Reviewing Rational Numbers	10. Using Exponent Rules
3. Absolute Value and Integers	11. Exponents in Scientific Notation
4. Quiz 1: Reviewing Rational Numbers	12. Negative Whole-Number Exponents
5. Converting Fractions to Decimals and Percents	13. Powers and Roots
6. Working with Percents (1) Increase and Decrease	14. Quiz 3: Fractions and Factoring, Exponents, Powers and Roots
7. Working with Percents (2) Applications of Percents	15. Test
8. Quiz 2: Fractions, Decimals, and Percents	

Essentials of Mathematics	<b>Unit 2: Statistics, Data, Analysis, and Probability</b>	
	<b>Assignments</b>	
	1. Measures of Central Tendency 2. Evaluating Statistical Claims 3. Displaying and Comparing Data Sets 4. Quiz 1: Working with Data 5. Outcomes	6. Representing Probabilities 7. Independent and Dependent Variables 8. Quiz 2: Probability 9. Test
Essentials of Mathematics	<b>Unit 3: Algebra and Functions</b>	
	<b>Assignments</b>	
	1. Order of Operations 2. Working with Exponents and Roots 3. The Distributive Property 4. Add and Subtract Polynomials 5. Multiply and Divide Polynomials 6. Quiz 1: Simplifying Expressions	7. Inverse Operations 8. Solving Two-Step Equations and Inequalities 9. Writing Mathematical Statements 10. Quiz 2: Solving Equations and Inequalities 11. Test
Essentials of Mathematics	<b>Unit 4: Measurement and Geometry</b>	
	<b>Assignments</b>	
	1. Measurement Systems 2. Scale Drawings and Models 3. Measures of Rates and Products 4. Perimeter and Area: 2D Figures 5. Surface Area and Volume: 3D Figures 6. Quiz 1: Measurement and Geometry 7. Converting Between Units of Measure 8. Complex 2D Objects	9. Complex 3D Objects 10. Geometric Shapes: Scale Factors 11. Quiz 2: Complex Objects 12. Pythagorean Theorem 13. Coordinate Graphs 14. Transformations and Congruent Figures 15. Quiz 3: Coordinate Geometry 16. Test
Essentials of Mathematics	<b>Unit 5: Mathematical Reasoning</b>	
	<b>Assignments</b>	
	1. Analyzing Problems 2. Making Conjectures 3. Estimation (1) 4. Estimation (2)	5. Inductive and Deductive Reasoning 6. Solving Problems 7. Quiz 1: Mathematical Reasoning 8. Test
Essentials of Mathematics	<b>Unit 6: Algebra I</b>	
	<b>Assignments</b>	
	1. Graphs and Charts 2. Represent Data 3. Graphing Linear Functions 4. Parallel Lines 5. Solutions of Linear Equations 6. Graphing Higher Power Functions 7. Quiz 1: Graphing 8. Solving Absolute Value Inequalities 9. Solving Linear Equations	10. Solving Linear Inequalities 11. Quiz 2: Equations 12. Multi-Step Word Problems (Rate) 13. Multi-Step Word Problems (Work) 14. Multi-Step Word Problems (Percent Mixture) 15. System of Equations 16. System of Linear Inequalities 17. Quiz 3: Equations 18. Test
EOM	<b>Unit 7: Final Exam</b>	
	<b>Assignments</b>	
	1. Final Exam	2. Alternate Final Exam*

## GED Test Prep

Unit 1: Reasoning Through Language Arts		
GED® Test Prep	Assignments	
	1. Overview and Diagnostic Test	15. Independent and Subordinate Clauses
	2. Main Ideas	16. Sentence Errors
	3. Cause and Effect, Compare and Contrast	17. Parallel Structure and Agreement
	4. Drawing Conclusions and Making Generalizations	18. Capitalization and Punctuation
	5. Analyzing Language, Tone, and Word Choice	19. Possessives and Contractions
	6. Analyzing Arguments	20. Commonly Confused Words/Homonyms
	7. Relationships Between Texts	21. Understanding the Writing Prompt
	8. Plot	22. Planning and Organizing Your Writing
	9. Understanding Characters	23. Developing a Thesis
	10. Theme	24. Gathering Evidence
	11. Style and Inferences	25. Writing Your Response
	12. Understanding Point of View	26. Revising, Editing, and Polishing
	13. Figurative Language	27. Review Test
	14. Parts of the Sentence	
Unit 2: Mathematical Reasoning		
GED® Test Prep	Assignments	
	1. Overview and Diagnostic Test	26. Similar Figures and Scale Drawings
	2. Numbers, Value, and Order of Operations	27. The Number Line, Power, Roots
	3. Place Value and Rounding	28. Scientific Notation and Algebraic Expressions
	4. Factors, Multiples, and Exponents	29. Polynomials: Add and Subtract
	5. Fractions	30. Polynomials: Divide and Multiply
	6. Decimals	31. Algebraic Expressions and Variables
	7. Operating on Fractions and Decimals	32. Expressions, Variables, and Exponents
	8. Ratios	33. More Expressions, Variables, and Exponents
	9. Proportion	34. Exponential Expressions
	10. Percentages	35. Exponential Functions
	11. Percentages and Averages	36. Simplifying Radicals
	12. Applications	37. Dividing Radicals
	13. Pictographs, Line Plots, Histograms	38. Equations
	14. Interpreting Data: Tables and Graphs	39. Functions
	15. Picture, Bar, and Pie Charts	40. Linear Equations
	16. Probability	41. Inequalities
	17. Statistics	42. Verbal Problems
	18. The Pictograph and Bar Graph	43. Review of Algebra (Part 1)
	19. Combinations and Permutations	44. Review of Algebra (Part 2)
	20. Measurement	45. Review of Algebra (Part 3)
	21. Units and Conversion	46. Graphing and Coordinate Geometry
	22. Formula Review	47. Coordinate Graphs
	23. Two-dimensional Figures	48. Graphing Functions
	24. Triangle, Pythagorean Theorem	49. Review Test
	25. Three-dimensional Figures	

Unit 3: Social Studies		
GED® Test Prep	Assignments	
	1. Overview and Diagnostic Test	12. Branches of Government
	2. Understanding Texts and Analyzing Point of View	13. Political Parties and Voting
	3. Interpreting Visual Elements	14. Economic Concepts and the U.S. System
	4. Evaluating Evidence, Integrating Content	15. The Economy and the Government
	5. Report: Bias, Propaganda, and Point of View	16. Labor/Consumer Issues
	6. American Revolution	17. Early Civilizations
	7. Civil War, Westward Expansion	18. Exploration and Colonization
	8. The Progressive Era	19. Report: Regional Lifestyles
	9. The Civil Rights Era	20. Current World Issues
	10. The Role of the U.S. in the World	21. Report: Eras and Issues
	11. The Constitution	22. Review Test
Unit 4: Science		
GED® Test Prep	Assignments	
	1. Overview and Diagnostic Test	11. Reproduction, Heredity, and Genetics
	2. Scientific Theories	12. Theories of Evolution and Natural Selection
	3. Scientific Method	13. Earth and Earth's Resources
	4. Conducting Investigations	14. Weather and Climate
	5. Reasoning and Evaluating	15. Solar System and the Universe
	6. Project: Research a Scientific Theory	16. Atoms and Molecules
	7. Cell Structures and Functions	17. The Periodic Table
	8. Cell Division and Reproduction	18. Energy, Motion, and Forces
	9. Ecosystems and Food Chains	19. Types of Energy
	10. Human Body Systems and Health	20. Science Review Test



Unit 5: GED Practice Test		
Assignments		
GED® Test Prep	1. Reasoning Through Language Arts, Part 1	18. Reasoning Through Language Arts, Part 2: Alternate Test 2*
	2. Reasoning Through Language Arts, Part 2	19. Reasoning Through Language Arts, Part 3: Alternate Test 2*
	3. Reasoning Through Language Arts, Part 3	20. Mathematical Reasoning, Part 1: Alternate Test 2*
	4. Mathematical Reasoning, Part 1	21. Mathematical Reasoning, Part 2: Alternate Test 2*
	5. Mathematical Reasoning, Part 2	22. Social Studies: Alternate Test 2*
	6. Social Studies	23. Science, Part 1: Alternate Test 2*
	7. Science, Part 1	24. Science, Part 2: Alternate Test 2*
	8. Science, Part 2	25. Reasoning Through Language Arts, Part 1: Alternate Test 3*
	9. Reasoning Through Language Arts, Part 1: Alternate Test 1*	26. Reasoning Through Language Arts, Part 2: Alternate Test 3*
	10. Reasoning Through Language Arts, Part 2: Alternate Test 1*	27. Reasoning Through Language Arts, Part 3: Alternate Test 3*
	11. Reasoning Through Language Arts, Part 3: Alternate Test 1*	28. Mathematical Reasoning, Part 1: Alternate Test 3*
	12. Mathematical Reasoning, Part 1: Alternate Test 1*	29. Mathematical Reasoning, Part 2: Alternate Test 3*
	13. Mathematical Reasoning, Part 2: Alternate Test 1*	30. Social Studies: Alternate Test 3*
	14. Social Studies: Alternate Test 1*	31. Science, Part 1: Alternate Test 3*
	15. Science, Part 1: Alternate Test 1*	32. Science, Part 2: Alternate Test 3*
	16. Science, Part 2: Alternate Test 1*	
	17. Reasoning Through Language Arts, Part 1: Alternate Test 2*	

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## HiSet Test Prep

Unit 1: Language Arts - Reading Test		
HiSET® Test Prep	Assignments	
	1. Overview and Diagnostic Test	8. Understanding Characters
	2. Identify Main Ideas and Summarize Text	9. Theme
	3. Cause and Effect, Compare and Contrast	10. Style and Inferences
	4. Drawing Conclusions and Making Generalizations	11. Understanding Point of View
	5. Analyzing Language, Tone, and Word Choice	12. Figurative Language
	6. Analyzing Arguments	13. Process Categories
	7. Plot	14. Review Test
Unit 2: Language Arts - Writing Test		
HiSET® Test Prep	Assignments	
	1. Overview and Diagnostic Test	9. Understanding the Writing Prompt
	2. Parts of the Sentence	10. Planning and Organizing Your Writing
	3. Independent and Subordinate Clauses	11. Developing a Thesis
	4. Sentence Errors	12. Gathering Evidence
	5. Parallel Structure and Agreement	13. Writing Your Response
	6. Capitalization and Punctuation	14. Revising, Editing, and Polishing
	7. Possessives and Contractions	15. Review Test
	8. Commonly Confused Words/Homonyms	
Unit 3: Mathematics		
HiSET® Test Prep	Assignments	
	1. Overview and Diagnostic Test	12. Linear Relationships
	2. Numbers, Value, and Order of Operations	13. Probability
	3. Real and Complex Numbers	14. Statistics
	4. Factors, Multiples, and Exponents	15. Combinations and Permutations
	5. Ratios, Proportions, Percents	16. Algebraic Symbols and Functions
	6. Measurable Attributes of Objects	17. Linear and Nonlinear Functions and Inequalities
	7. Techniques, Formulas, and Tools for Measuring	18. Simplifying Expressions, Functions
	8. Properties of Geometric Figures	19. Expressions, Relations, Equations
	9. Theorems of Lines and Triangles	20. Process Categories
	10. Perimeter, Surface Area, Volume, Length, Angles	21. Review Test
	11. Counting and Distribution	
Unit 4: Social Studies		
HiSET® Test Prep	Assignments	
	1. Overview and Diagnostic Test	10. Economic Concepts and the U.S. System
	2. American Revolution	11. The Economy and the Government
	3. Civil War, Westward Expansion	12. Supply and Demand/Needs and Wants
	4. The Progressive Era, Civil Rights	13. Physical and Human Geography
	5. Major Eras in World History	14. Economic, Political, and Social Factors
	6. The Role of the U.S. in the World	15. Using Maps and Other Tools
	7. Citizenship and Civic Ideals	16. Social Studies Process Categories
	8. Different Systems of Government	17. Review Test
	9. The Role of the Citizen: Rights and Responsibilities	
Unit 5: Science		
HiSET® Test Prep	Assignments	
	1. Overview and Diagnostic Test	8. Geologic Structures and Processes
	2. Cell Structures and Function	9. Solar System and the Universe
	3. Cell Division and Reproduction	10. Atoms and Molecules

4. Ecosystems and Food Chains	11. Energy, Motion, and Forces
5. Human Body Systems and Health	12. Types of Energy
6. Reproduction, Heredity, and Genetics	13. Process Categories
7. Earth and Earth's Resources	14. Review Test

Unit 6: HiSET® Practice Test	
Assignments	
HiSET® Test Prep	1. Reasoning Through Language Arts - Reading
	2. Reasoning Through Language Arts - Writing, Part 1
	3. Reasoning Through Language Arts - Writing, Part 2
	4. Mathematical Reasoning, Part 1
	5. Mathematical Reasoning, Part 2
	6. Social Studies, Part 1
	7. Science, Part 1
	8. Reasoning Through Language Arts - Reading: Alternate Test 1*
	9. Reasoning Through Language Arts - Writing, Part 1: Alternate Test 1*
	10. Reasoning Through Language Arts - Writing, Part 2: Alternate Test 1*
	11. Mathematical Reasoning, Part 1: Alternate Test 1*
	12. Mathematical Reasoning, Part 2: Alternate Test 1*
	13. Social Studies, Part 1: Alternate Test 1*
	14. Science, Part 1: Alternate Test 1*
	15. Reasoning Through Language Arts - Reading: Alternate Test 2*
	16. Reasoning Through Language Arts - Writing, Part 1: Alternate Test 2*
	17. Reasoning Through Language Arts - Writing, Part 2: Alternate Test 2*
	18. Mathematical Reasoning, Part 1: Alternate Test 2*
	19. Mathematical Reasoning, Part 2: Alternate Test 2*
	20. Social Studies, Part 1: Alternate Test 2*
	21. Science, Part 1: Alternate Test 2*
	22. Reasoning Through Language Arts - Reading: Alternate Test 3*
	23. Reasoning Through Language Arts - Writing, Part 1: Alternate Test 3*
	24. Reasoning Through Language Arts - Writing, Part 2: Alternate Test 3*
	25. Mathematical Reasoning, Part 1: Alternate Test 3*
	26. Mathematical Reasoning, Part 2: Alternate Test 3*
	27. Social Studies, Part 1: Alternate Test 3*

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## TASC Test Prep

Unit 1: Language Arts - Reading Literacy		
TASC Test Prep	Assignments	
	1. Overview and Diagnostic Test	9. Relationships Between Texts
	2. Identify Main Ideas and Summarize Text	10. Plot and Theme
	3. Analyze the Structures of Texts	11. Understanding Characters
	4. Cause and Effect, Compare and Contrast	12. Understanding Point of View
	5. Drawing Conclusions and Making Generalizations	13. Figurative Language
	6. Analyzing Language, Tone, and Word Choice	14. Evaluate Diverse Media and Formats
	7. Understanding Academic Language	15. Review Test
	8. Analyzing Arguments and Claims	
Unit 2: Language Arts - Writing		
TASC Test Prep	Assignments	
	1. Overview and Diagnostic Test	7. Understanding the Writing Prompt
	2. Sentence Structure	8. Planning and Organizing Your Writing
	3. Sentence Errors: Run-ons and Comma Splices, and Parallelism	9. Developing a Thesis
	4. Capitalization and Punctuation	10. Write Arguments to Support a Claim
	5. Possessives and Contractions	11. Strengthening Writing
	6. Commonly Confused Words/Homonyms	12. Review Test
Unit 3: Mathematics		
TASC Test Prep	Assignments	
	1. Overview and Diagnostic Test	10. Probability
	2. Numbers, Value, and Order of Operations	11. Statistics
	3. Complex Numbers	12. Combinations and Permutations
	4. Expressions and Equations	13. Algebraic Expressions and Functions
	5. Measurement	14. Polynomials
	6. Perimeter, Surface Area, Volume, Length, Angles	15. Interpreting Functions
	7. Expressing Geometric Figures	16. Reasoning with Equations and Inequalities
	8. Lines and Triangles	17. Review Test
	9. Circles	
Unit 4: Social Studies		
TASC Test Prep	Assignments	
	1. Overview and Diagnostic Test	9. The Role of the Citizen
	2. Civil War and Reconstruction	10. Politics and Government
	3. The Industrial Era	11. Economic Basics
	4. Post-war United States (1940s-1970s)	12. Government and Economics
	5. Age of Revolutions (1750-1914)	13. Micro- and Macroeconomics
	6. Crisis and Achievement (1900-1945)	14. Places and Regions
	7. The World Since 1945	15. Environment and Society
	8. The Constitution	16. Review Test

Unit 5: Social Studies		
TASC Test Prep	Assignments	
	1. Overview and Diagnostic Test	9. Earth Systems
	2. Cell Structures and Function	10. Earth's Place in the Universe
	3. Cell Division and Reproduction	11. Matter
	4. Ecosystems	12. Motion and Forces
	5. Human Body Systems and Health	13. Types of Energy
	6. Heredity and Genetics	14. Waves
	7. Theories of Evolution and Natural Selection	15. Review Test
	8. Earth and Earth's Resources	
Unit 6: TASC Practice Tests		
TASC Test Prep	Assignments	
	1. Reasoning Through Language Arts, Part 1	16. Reasoning Through Language Arts, Part 2: Alternate Test 2*
	2. Reasoning Through Language Arts, Part 2	17. Reasoning Through Language Arts, Part 3: Alternate Test 2*
	3. Reasoning Through Language Arts, Part 3	18. Mathematical Reasoning, Part 1: Alternate Test 2*
	4. Mathematical Reasoning, Part 1	19. Mathematical Reasoning, Part 2: Alternate Test 2*
	5. Mathematical Reasoning, Part 2	20. Social Studies, Part 1: Alternate Test 2*
	6. Social Studies, Part 1	21. Science, Part 1: Alternate Test 2*
	7. Science, Part 1	22. Reasoning Through Language Arts, Part 1: Alternate Test 3*
	8. Reasoning Through Language Arts, Part 1: Alternate Test 1*	23. Reasoning Through Language Arts, Part 2: Alternate Test 3*
	9. Reasoning Through Language Arts, Part 2: Alternate Test 1*	24. Reasoning Through Language Arts, Part 3: Alternate Test 3*
	10. Reasoning Through Language Arts, Part 3: Alternate Test 1*	25. Mathematical Reasoning, Part 1: Alternate Test 3*
	11. Mathematical Reasoning, Part 1: Alternate Test 1*	26. Mathematical Reasoning, Part 2: Alternate Test 3*
	12. Mathematical Reasoning, Part 2: Alternate Test 1*	27. Social Studies, Part 1: Alternate Test 3*
	13. Social Studies, Part 1: Alternate Test 1*	28. Science, Part 1: Alternate Test 3*
	14. Science, Part 1: Alternate Test 1*	
	15. Reasoning Through Language Arts, Part 1: Alternate Test 2*	

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# Placement Tests

## Bible Placement Test

Bible Placement Test	<b>Placement Test Bible Level 3</b>	
	<b>Assignments</b>	
	1. You Can Use The Bible	6. The Bible Is The Word Of God
	2. The Life Of Jesus Christ	7. Archaeology And The Bible
	3. O Joseph! What Was God's Plan?	8. God Gave Us The Need For Friends
	4. Living For God	9. God Wants Man To Help Man
	5. God Takes Care Of His People	
Bible Placement Test	<b>Placement Test Bible Level 4</b>	
	<b>Assignments</b>	
	1. How Can I Live For God?	6. How Can I Know God Exists?
	2. God's Knowledge	7. Geography Of The Old Testament
	3. Saul Begins To Live For God	8. God-Given Worth
	4. The Bible And Me	9. Witnessing For Jesus
	5. God Cares For Us	
Bible Placement Test	<b>Placement Test Bible Level 5</b>	
	<b>Assignments</b>	
	1. How Others Lived For God	6. Proving What We Believe
	2. Angels	7. Paul's Missionary Journeys
	3. The Presence Of God	8. God Created Man For Eternity
	4. Bible Methods And Structure	9. Authority And Law
	5. The Christian In The World	
Bible Placement Test	<b>Placement Test Bible Level 6</b>	
	<b>Assignments</b>	
	1. From Creation To Moses	6. The Life Of Jesus
	2. From Joshua To Samuel	7. The Followers Of Jesus
	3. The Kingdom Of Israel	8. The Apostle Paul
	4. The Divided Kingdom	9. Hebrews And General Epistles
	5. Captivity And Restoration	
Bible Placement Test	<b>Placement Test Bible Level 7</b>	
	<b>Assignments</b>	
	1. Worship	6. The Psalms
	2. Mankind	7. Life Of Christ - Part 1
	3. Attributes Of God	8. Life Of Christ - Part 2
	4. Christian Evidences	9. Life Of Christ - Part 3
	5. Living The Balanced Life	

Bible Placement Test	<b>Placement Test Bible Level 8</b>	
	<b>Assignments</b>	
	1. Prayer	6. The Early Churches
	2. Sin And Salvation	7. The Book Of Proverbs
	3. Attributes Of God	8. Choices
	4. Early Church Leaders	9. Understanding The Family
	5. Early Church History	
Bible Placement Test	<b>Placement Test Bible Level 9</b>	
	<b>Assignments</b>	
	1. Introduction To The New Testament	6. The Revelation Of Jesus Christ
	2. The Gospels	7. Biblical Literature
	3. The Acts Of The Apostles	8. How To Share Christ
	4. The Pauline Epistles	9. God's Will For Your Life
	5. The General Epistles	
Bible Placement Test	<b>Placement Test Bible Level 10</b>	
	<b>Assignments</b>	
	1. Creation To Abraham	6. The Kingdom
	2. Abraham Through Joseph	7. The Divided Kingdom
	3. The Exodus And The Wilderness	8. The Remaining Kingdom
	4. Israel In Canaan	9. The Captivity
	5. The Judges And Spiritual Decline	
Bible Placement Test	<b>Placement Test Bible Level 11</b>	
	<b>Assignments</b>	
	1. The Faithfulness Of God	6. The History Of The Canon
	2. Romans Part I	7. Friendship, Dating, And Marriage
	3. Romans Part II	8. The Pursuit Of Happiness
	4. The Doctrine Of Jesus Christ	9. Apologetics
	5. The Nation Of Israel	
Bible Placement Test	<b>Placement Test Bible Level 12</b>	
	<b>Assignments</b>	
	1. Knowing Yourself	6. The Epistles Of James And John
	2. Knowing About Christian Ministries	7. Biblical Literature (Daniel)
	3. Choosing A Christian Ministry	8. Comparative Religions
	4. Godhead	9. Wisdom For Today's Youth
	5. Attributes Of God: Holiness, Goodness	

## History and Geography Placement

History Placement Test	<b>History and Geography Placement Test Level 3</b>	
	<b>Assignments</b>	
	1. Geography	6. Great Lakes States
	2. New England States	7. Midwestern States
	3. Mid-Atlantic States	8. Mountain States
	4. Southern-Atlantic States	9. Pacific States
	5. Southern States	

  

History Placement Test	<b>History and Geography Placement Test Level 4</b>	
	<b>Assignments</b>	
	1. Our Earth	6. The Polar Region
	2. Seaport Cities	7. Mountain Countries
	3. Desert Lands	8. Living in Island Countries
	4. Grasslands	9. North America
	5. Tropical Rainforests	

  

History Placement Test	<b>History and Geography Placement Test Level 5</b>	
	<b>Assignments</b>	
	1. Exploring the New World	6. United by Transportation and Communication
	2. Colonial American Life	7. The United States - One Nation With Many Regions
	3. Thirteen Colonies Became a New Nation	8. Our Southern Neighbors
	4. New Lands and Troubled Times	9. Canada: Our Northern Neighbors
	5. The United States Becomes a World Leader	

  

History Placement Test	<b>History and Geography Placement Test Level 6</b>	
	<b>Assignments</b>	
	1. World Geography	6. Eastern Europe
	2. The Cradle of Civilization	7. Africa
	3. The Civilizations of Greece and Rome	8. Six South American Countries
	4. Life in the Middle Ages	9. Seven South American Countries
	5. Western Europe	

  

History Placement Test	<b>History and Geography Placement Test Level 7</b>	
	<b>Assignments</b>	
	1. What is History?	6. Anthropology and Sociology of the United States
	2. What is Geography?	7. Economics - Resources and Needs
	3. The United States	8. Political Science
	4. Anthropology - The Study of Mankind	9. Economics and Politics of a State
	5. Sociology - Man in Groups	



History Placement Test	<b>History and Geography Placement Test Level 8</b>	
	<b>Assignments</b>	
	1. European Backgrounds	6. The Civil War
	2. The Colonization of America	7. The Industrial Nation
	3. War for Independence	8. Twentieth Century World Power
	4. The Emergence of a Nation	9. The United States in a Changing World
	5. The Westward Movement	

  

History Placement Test	<b>History and Geography Placement Test Level 9</b>	
	<b>Assignments</b>	
	1. Introduction to Geography	6. Western Europe
	2. Human Geography	7. Eastern Europe and Russia
	3. North America	8. Sub-Saharan Africa
	4. Central America, South America, and the Caribbean	9. North Africa and Southwest Asia
	5. Oceania, Australia, and Antarctica	10. Central, South, East, and Southeast Asia

  

History Placement Test	<b>History and Geography Placement Test Level 10</b>	
	<b>Assignments</b>	
	1. Ancient Civilizations I	6. The Age of Revolution
	2. Ancient Civilizations II	7. The Industrial Revolution
	3. The Medieval World	8. Two World Wars
	4. Renaissance and Reformation	9. The Contemporary World
	5. Growth of World Empires	

  

History Placement Test	<b>History and Geography Placement Test Level 11</b>	
	<b>Assignments</b>	
	1. Foundations of the American Republic	6. United States Involvement at Home and Abroad
	2. Development of Constitutional Government	7. The Search for Peace
	3. National Expansion	8. A Nation at War
	4. A Nation Divided	9. Contemporary America
	5. A Nation Divided and United	

  

History Placement Test	<b>History and Geography Placement Test Level 12</b>	
	<b>Assignments</b>	
	1. International Governments	7. Business and You
	2. United States Government	8. The Stock Market
	3. The American Party System	9. Budget and Finance
	4. History of Governments	10. Banking
	5. The Christian and His Government	11. International Issues
	6. Free Enterprise	

## Language Arts Placement Test

Language Arts Placement Test	<b>Language Arts Placement Test Level 3</b>	
	<b>Assignments</b>	
	1. Vowels, Main Idea, Capitalization	7. Following Directions, Suffixes, Pronouns, Friendly Letters
	2. Sentences, Capitalization, ABC Order	8. Reading a Play, Comparing with Adjectives, Root Words
	3. Dictionary Skills, Word Parts, Vocabulary	9. Classifying, References, Thank-You Letters, Predicting Outcomes
	4. Parts of Speech, Irregular Vowels, Comprehension	
	5. Reading to Understand, Commas, Silent Letters	
	6. Cause and Effect, Homographs, Haiku Poetry	
Language Arts Placement Test	<b>Language Arts Placement Test Level 4</b>	
	<b>Assignments</b>	
	1. Reading and Writing	6. Rhymes and Reports
	2. Reading For Meaning	7. Forms of Literature
	3. Word Play	8. Language in Literature
	4. Words in Season	9. Reading and Researching
	5. Reading and Writing Stories	
Language Arts Placement Test	<b>Language Arts Placement Test Level 5</b>	
	<b>Assignments</b>	
	1. Jesus, Our Example	6. Poetry
	2. Working with Information	7. Reading Comprehension
	3. The Story of our Language	8. Working with Words
	4. Effective Communication	9. Reading and Study Skills
	5. Reading and Writing Stories	
Language Arts Placement Test	<b>Language Arts Placement Test Level 6</b>	
	<b>Assignments</b>	
	1. Elements of Grammar	6. Literary Forms
	2. Grammar Usage and Placement	7. Reading for a Purpose
	3. Reading Skills	8. Poetry
	4. Writing Skills	9. Bible Literature
	5. Newspapers and Propaganda	
Language Arts Placement Test	<b>Language Arts Placement Test Level 7</b>	
	<b>Assignments</b>	
	1. Nouns, Pronouns, Affixes, and Using Words Correctly	6. Mechanics and Structure of English
	2. Usage, Speaking and Listening, Verb Tenses	7. The Hiding Place: A Study Guide
	3. Biographies and Grammar (Affixes)	8. Nonfiction and Communication
	4. Structure of Written and Spoken Language	9. Writing and Pronunciation
	5. The English Language	

Language Arts Placement Test	<b>Language Arts Placement Test Level 8</b>	
	<b>Assignments</b>	
	1. Communication 2. The English Language 3. Punctuation and Literature 4. Words and How to Use Them 5. Correct Language Usage	6. Language and Literature 7. Critical Reading and Paragraph Skills 8. Writing, Listening, and Reading 9. The English Language
Language Arts Placement Test	<b>Language Arts Placement Test Level 9</b>	
	<b>Assignments</b>	
	1. The Structure of Language 2. Nature of Language 3. Words and Writing 4. Language in Literature 5. Reading With Skill	6. Persuasion, Visual Aids, and Poetry 7. Communication 8. The Library and Drama 9. Studies in the Novel
Language Arts Placement Test	<b>Language Arts Placement Test Level 10</b>	
	<b>Assignments</b>	
	1. Language Structure 2. Writing Effective Sentences 3. Writing and Reading Skills 4. Speaking and Listening 5. The Development of English	6. The Short Story 7. Studies in the Novel 8. Drama 9. Poetry
Language Arts Placement Test	<b>Language Arts Placement Test Level 11</b>	
	<b>Assignments</b>	
	1. Varieties of English 2. Sentence Elements 3. Sentence Workshop 4. Meaning and Main Ideas 5. Poetry	6. Nonfiction 7. American Drama 8. The American Novel 9. Research
Language Arts Placement Test	<b>Language Arts Placement Test Level 12</b>	
	<b>Assignments</b>	
	1. The Worth of Words 2. The Structure of Language 3. Reading and Research 4. Language: God's Gift to Man 5. Medieval English Literature	6. Elizabethan Literature 7. Seventeenth/Eighteenth-Century English Literature 8. Romantic and Victorian Poetry 9. Creative Writing

## Mathematics Placement Test

Mathematics Placement Test	<b>Mathematics Placement Test Level 3</b>	
	<b>Assignments</b>	
	1. Whole Numbers	6. Multiplication, Addition and Subtraction
	2. Number Patterns	7. Operations, Likelihood and Probability
	3. Whole Numbers and Fractions	8. Measurement, Fractions and Decimals
	4. Place Value	9. Review Multiple Concepts
	5. Measurement, Shapes, and Concept Review	
Mathematics Placement Test	<b>Mathematics Placement Test Level 4</b>	
	<b>Assignments</b>	
	1. Number Sense and Place Value	6. Multiplication and Fractions
	2. Rounding and Estimation	7. Fractions and Patterns
	3. Whole Numbers and Fractions	8. Division and Fractions
	4. Lines and Shapes	9. Decimals and Fractions
	5. Division and Measurement	10. Graphing and Review
Mathematics Placement Test	<b>Mathematics Placement Test Level 5</b>	
	<b>Assignments</b>	
	1. Place Value, Addition, and Subtraction	6. Factors and Fractions
	2. Multiplying Whole Numbers and Decimals	7. Fraction Operations
	3. Dividing Whole Numbers and Decimals	8. Data Analysis and Probability
	4. Algebra and Graphing	9. Geometry
	5. Measurement	10. Perimeter, Area, and Volume
Mathematics Placement Test	<b>Mathematics Placement Test Level 6</b>	
	<b>Assignments</b>	
	1. Whole Numbers and Algebra	6. Ratio, Proportion and Percent
	2. Data Analysis	7. Probability and Geometry
	3. Decimals	8. Geometry and Measurement
	4. Fractions	9. Integers and Transformations
	5. Fraction Operations	10. Equations and Functions
Mathematics Placement Test	<b>Mathematics Placement Test Level 7</b>	
	<b>Assignments</b>	
	1. Integers	6. Probability and Graphing
	2. Fractions	7. Data Analysis
	3. Decimals	8. Geometry
	4. Patterns and Equations	9. Measurement and Area
	5. Ratios and Proportions	10. Surface Area and Volume

Mathematics Placement Test	Mathematics Placement Test Level 8	
	Assignments	
	1. Pre-Algebra: The Real Number System	6. Pre-Algebra: Measurement
	2. Pre-Algebra: Integers	7. Pre-Algebra: Plane Geometry
	3. Pre-Algebra: Rational Numbers	8. Pre-Algebra: Solid Figures
	4. Pre-Algebra: Proportional Reasoning	9. Pre-Algebra: Data Analysis
	5. Pre-Algebra: Functions	10. Pre-Algebra: Probability

Mathematics Placement Test	Mathematics Placement Test Level 9	
	Assignments	
	1. Algebra I: Foundations of Algebra	6. Algebra I: Polynomials
	2. Algebra I: Linear Equations	7. Algebra I: Exponential and Radical Functions
	3. Algebra I: Functions	8. Algebra I: Quadratics
	4. Algebra I: Inequalities	9. Algebra I: Rational Expressions
	5. Algebra I: Linear Systems	10. Algebra I: Probability and Statistics

Mathematics Placement Test	Mathematics Placement Test Level 10	
	Assignments	
	1. Geometry: Introduction	6. Geometry: Circles
	2. Geometry: Logic	7. Geometry: Area and Volume
	3. Geometry: Angles and Parallels	8. Geometry: Coordinate Geometry
	4. Geometry: Congruent Triangles and Quadrilaterals	9. Geometry: Transformations
	5. Geometry: Similar Polygons	

Mathematics Placement Test	Mathematics Placement Test Level 11	
	Assignments	
	1. Algebra II: Set, Structure, and Function	6. Algebra II: Real Numbers
	2. Algebra II: Numbers, Sentences, and Problems	7. Algebra II: Quadratic Relations and Systems
	3. Algebra II: Linear Equations and Inequalities	8. Algebra II: Exponential Functions
	4. Algebra II: Polynomials	9. Algebra II: Counting Principles
	5. Algebra II: Algebraic Fractions	

Mathematics Placement Test	Mathematics Placement Test Level 12	
	Assignments	
	1. Precalculus: Relations and Functions	6. Precalculus: Application of Trigonometric Functions
	2. Precalculus: Functions	7. Precalculus: Inverse Trigonometric Functions and Polar Coordinates
	3. Precalculus: Trigonometric Functions	8. Precalculus: Quadratic equations
	4. Precalculus: Circular Functions and their Graphs	9. Precalculus: Probability
	5. Precalculus: Identities and Functions of Multiple Angles	10. Precalculus: Calculus and Review

## Science Placement Test

Science Placement Test	<b>Science 3 Placement Test</b>	
	<b>Assignments</b>	
	1. You Grow And Change	6. Sounds And You
	2. Plants	7. Time And Seasons
	3. Animals: Growth And Change	8. Rocks And Their Change
	4. You Are What You Eat	9. Heat Energy
	5. Properties Of Matter	
Science Placement Test	<b>Science 4 Placement Test</b>	
	<b>Assignments</b>	
	1. Plants	6. Water And Matter
	2. Animals	7. Weather
	3. Man And His Environment	8. Our Solar System And The Universe
	4. Machines	9. The Planet Earth
	5. Electricity And Magnetism	
Science Placement Test	<b>Science 5 Placement Test</b>	
	<b>Assignments</b>	
	1. Cells	6. Records In The Rock: The Flood
	2. Plants: Life Cycles	7. Records In The Rock: Fossils
	3. Animals: Life Cycles	8. Records In Rock: Geology
	4. Balance In Nature	9. Cycles In Nature
	5. Transformation Of Energy	
Science Placement Test	<b>Science 6 Placement Test</b>	
	<b>Assignments</b>	
	1. Plant Systems	6. Light And Sound
	2. Animal Systems	7. Motion And Its Measurement
	3. Plants And Animal Behavior	8. Spaceship Earth
	4. Molecular Genetics	9. Astronomy And The Stars
	5. Chemical Structure And Change	
Science Placement Test	<b>General Science I Placement Test</b>	
	<b>Assignments</b>	
	1. What Is Science?	6. Weather
	2. Perceiving Things	7. Climate
	3. Earth In Space (Part 1)	8. The Human Anatomy (Part 1)
	4. Earth In Space (Part 2)	9. The Human Anatomy (Part 2)
	5. The Atmosphere	

Science Placement Test	General Science II Placement Test	
	Assignments	
	1. Science And Society	6. Energy (Part 2)
	2. Structure Of Matter (Part 1)	7. Machines (Part 1)
	3. Structure Of Matter (Part 2)	8. Machines (Part 2)
	4. Health And Nutrition	9. Balance In Nature
	5. Energy (Part 1)	

Science Placement Test	Integrated Physics and Chemistry Placement Test	
	Assignments	
	1. Explorations In Physical Science	6. Work And Energy
	2. The Structure Of Matter	7. Heat Flow
	3. Matter And Change	8. Electricity And Magnetism
	4. States Of Matter	9. Waves
	5. Motion And Forces	10. Chemistry And Physics In Our World

Science Placement Test	Biology Placement Test	
	Assignments	
	1. Taxonomy: Key To Organization	6. Microbiology
	2. Chemistry Of Life	7. Plants: Green Factories
	3. Cells	8. Human Anatomy And Physiology
	4. Cell Division And Reproduction	9. Ecology, Pollution, And Energy
	5. Genetics: God's Plan For Inheritance	10. Principles And Applications Of Biology

Science Placement Test	Chemistry Placement Test	
	Assignments	
	1. Measurement And Analysis	6. Chemical Reactions, Rates, And Equilibrium
	2. Starting The Investigation: How To Identify Elements, Compounds, And Mixtures	7. Equilibrium Systems
	3. Exploring Laws For Gases And Conservation Of Mass	8. Carbon Chemistry: Hydrocarbons
	4. The Discovery Of Atoms: Nature's Building Blocks	9. Carbon Chemistry: Functional Groups
	5. Molecular Structure	10. Chemistry Review

Science Placement Test	Physics Placement Test	
	Assignments	
	1. Kinematics	6. Static Electricity
	2. Dynamics	7. Electric Currents
	3. Work And Energy	8. Magnetism
	4. Introduction To Waves	9. Atomic And Nuclear Physics
	5. Light	10. Review

(\*) Indicates alternative assignment