### Preschool

#### Language Arts

**Two-Year-Olds**
Language development and listening skills that include color words, shapes, animals, transportation, countries, community helpers, health, safety, manners, science

**Three-Year-Olds**
Recognition of name, sound, and picture for short vowels and consonants
Formation of vowels and consonants in upper and lower case

Language development and listening skills that include color words, shapes, animals, transportation, countries, community helpers, health, safety, manners, science

#### Numbers

- Simple counting 1–25
- Number concepts 1–10
- Simple counting 1–30
- Number concepts 1–15

#### Bible

- Hymns/choruses
- Memory verses

Lessons such as Creation, Noah, Boy Samuel, Daniel, Boyhood of Jesus, Zacchaeus, Good Samaritan

#### Music Arts & Crafts

- Traditional and fun songs
- Colors, shapes, following directions, eye-hand coordination

### K4 Four-Year-Old Kindergarten

#### Language Arts

**Phonics and Reading**
Recognition of name, sound, and picture of long and short vowels and consonants
Sounding of blends and one- and two-vowel words
Reading of sentences and stories with one- and two-vowel words

**Cursive Writing**
Formation of letters, blends, and words
Writing of first name

**Poetry**
Twenty-six poems and finger plays committed to memory

Language development and listening skills that include color words, shapes, animals, transportation, countries, community helpers, health, safety, manners, science

#### Numbers

- Number recognition and counting 1–100
- Number concepts 1–20
- Numbers largest and smallest 1–20
- Addition facts $1 + 1$, $5 + 1$, $2 + 1$, $6 + 1$, $3 + 1$, $7 + 1$, $4 + 1$, $8 + 1$, $9 + 1$

#### Bible

Lessons such as Creation, Noah, Boy Samuel, Daniel, Boyhood of Jesus, Zacchaeus, Good Samaritan (includes memory verses and hymns/choruses)

#### Music Arts & Crafts

- Traditional and fun songs
- Development of motor skills in drawing, coloring, cutting, and gluing
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<th>Development of art concepts and techniques in multiple types of media based on the color wheel</th>
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### Second Grade

#### Language Arts

**Phonics**
- Review of vowels, consonants, blends, one- and two-vowel words, consonant blends
- Recognition and use of all phonics special sounds in reading
- Spelling rules: doubling consonants, dropping silent e, changing y to i

**Spelling and Poetry**
- Weekly phonic-based word list
- Vocabulary words and definitions second semester
- Weekly test
- Reinforcement activities
- Spelling glossary
- Seven poems committed to memory

**Reading**
- Oral reading
- Comprehension
- Vocabulary development

**Cursive Writing**
- Review of letter formation
- Guided creative writing
- Creative writing journal
- Daily seatwork practice in all academic areas

**Spelling and Poetry**
- Words using suffixes, prefixes, abbreviations, compound words, rhyming words, opposite words, same-meaning words, singular and plural words, singular possessive words, and contractions
- Alphabetizing words and other dictionary skills
- Word usage rules
- Writing of complete sentences, questions, exclamations, and short stories
- Writing letters and thank-you notes
- Creative writing

#### History and Geography

**America, Our Home**
- Our Flag
- Our Patriotic Holidays
- Our Songs

**The People Who Built America**
- The Separatists
- America’s Indians
- The Colonists
- America’s Pioneers

**America’s Cowboys**

**The New Americans**

**Tomorrow’s America**

#### Science

**Plants**
- Enjoying the Plant World

**Animals**
- Enjoying the Animal World

**Health and Human Biology**
- Enjoying Myself and Others

**Earth and Space**
- Enjoying our Earth and Sky

**Matter**
- Enjoying the Air Around Us

**Energy**
- Enjoying the Air Around Us
- Enjoying Things That Move

**Conservation**
- Enjoying Things That Work Together

#### Health, Safety, Manners

**Health**
- Posture
- Nutrition
- Exercise
- Rest
- Cleanliness
- Diseases

**Safety**
- At home and away from home
- On streets
- Around water
- During bad weather

**Manners**
- Politeness

**Kindness**
- Cheerfulness
- Respect
- Thoughtfulness
- Thankfulness
- Patience
- Table and telephone manners

#### Arithmetic

- Number recognition, counting, and writing 1–10,000 and beyond
- Numbers greatest and least 1–1,000
- Counting and writing to hundred thousands, threes to 36, fours to 48
- Ordinal numbers
- Addition facts through 18, column addition, four-digit addition with carrying
- Subtraction facts through 18, four-digit subtraction with borrowing
- Multiplication facts 0–5
- Division facts 1–5
- Story problems
- Multiple combinations
- Estimation
- Rounding
- Numbers before and after by ones, twos, threes, fours, fives, and tens
- Counting and combining coins and bills
- Telling time to the nearest minute
- English and some metric measures
- Drawing and measuring lines to one-half inch
- Developing listening skills
- Calendars
- Place value to thousands
- Unit fractions
- Making change
- Reading a thermometer
- Reading pictographs, bar graphs, and line graphs
- Roman numerals

#### Bible

- Lessons: Salvation Series, Life of Moses, Tabernacle, Joshua, Judges, Ruth, Jonah, Favorite Bible Stories, Christmas, Crucifixion and Resurrection (includes memory verses, hymns/choruses, and Bible doctrine)

#### Music Arts & Crafts

- Traditional, patriotic, fun songs
- Development of art techniques in multiple types of media
### Third Grade

#### Language Arts

**Phonics and Reading**
- Review of all phonics rules
- Oral reading
- Reading comprehension
- Vocabulary development

**Cursive Writing**
- Cursive writing formation
- ¾-space high
- Creative writing

**Spelling and Poetry**
- Weekly word list with vocabulary
- Sentence dictation using spelling words
- Reinforcement activities
- Eight poems committed to memory

**Language**
- **Writing Process**
  - Complete sentences
  - Creative writing, friendly letters

**Grammar**
- Punctuation and capitalization rules
- Recognition of simple nouns, subjects, verbs, adjectives
- Word usage
- Forming plurals and common contractions
- Recognition of antonyms, homonyms, synonyms
- Dictionary skills

#### History and Geography

- Continents and oceans of the world
- Study of world geography
- States of the United States

**Study of our American heritage through the lives of great people**
- Columbus
- John Smith
- Pocahontas
- Miles Standish
- Squanto
- William Penn
- Ben Franklin
- George Washington
- Thomas Jefferson
- Daniel Boone
- Noah Webster
- John Greenleaf Whittier
- Robert E. Lee
- Abraham Lincoln
- Clara Barton
- U. S. Grant
- Louisa May Alcott
- Booker T. Washington
- George Washington Carver
- Laura Ingalls Wilder
- Billy Sunday
- Martin Luther King, Jr.

**Science**

**Plants**
- Exploring the Plant World

**Animals**
- Exploring the World of Vertebrates
- Exploring the World of Invertebrates

**Health and Human Biology**
- Wonderfully Made

**Earth and Space**
- Exploring the Ocean
- Exploring the Weather

**Conservation**
- Exploring the Desert, the Ocean, the Pond, the Forest, the Farmer’s Field

#### Health, Safety, Manners

**Health**
- Posture, Exercise
- Nutrition, Diet
- Cleanliness
- Fighting disease

**Safety**
- Fire, Water safety
- Home, Play safety
- Street safety
- First aid

**Manners**
- Hospitality
- Proper introductions
- Telephone manners
- Courtesy and respect

#### Arithmetic

- Recognition of the place value of numbers
- Addition facts and checking addition problems with carrying
- Subtraction facts and checking subtraction problems with borrowing
- Multiplication tables 0–12 and multiplication problems with carrying
- How to show a multiplication fact six ways
- Division tables 1–12 and working and checking a division problem
- Terminology for four processes
- English and metric measures
- Telling time
- Roman numerals 1–1,000
- Using a ruler
- Solving story problems with up to four steps
- Recognizing and solving number sentences
- Converting measures and solving measurement equations

**Grammar**
- Recognizing and working with greater than (>) and less than (<)
- Counting money and solving money problems using the decimal point correctly
- Solving problems containing parentheses
- Fraction terminology and basic understanding of fractions
- Averaging numbers
- Reading a thermometer
- Recognizing geometric shapes
- Finding the unknown number in an equation

#### Bible

- Lessons: Salvation Series, Parables, Samuel, David, Elijah, Elisha, Daniel, Ezra/Nehemiah, Esther, Christmas, Crucifixion and Resurrection (includes memory verses, hymns/choruses, and Bible doctrine)

#### Music Arts & Crafts

- Music Theory/Flutophone: Traditional, patriotic, fun songs
- Development of art techniques in multiple types of media
Fourth Grade

**Language Arts**

**Reading and Literature**
- Oral reading
- Reading comprehension
- Speed reading
- Vocabulary building

**Pennmanship**
- Review of cursive writing formation through skill practice, word games, original composition, and sentence dictation

**Spelling, Vocabulary, and Poetry**
- Weekly word lists with challenging words and vocabulary
- Reinforcement activities
- Six poems committed to memory

**Language**

**Writing Process**
- Letters—friendly, post cards, thank-you notes
- Gathering information
- Writing with details
- Writing an encyclopedia report
- Writing book reports
- Creative writing
- Dictionary skills

**Grammar**
- Sentence structure, kinds of sentences, punctuation, capitalization facts, abbreviations, possessive words
- Recognizing and using all eight parts of speech
- Diagramming verbs, nouns, pronouns, adjectives, adverbs
- Correctly using troublesome words

**History and Geography**

**Map study**
- State history for six weeks
- Eight documents memorized
- The Years of Discovery
- The Years of Exploration
- The First Americans
- The English Come to America
- The New England Colonies
- The Middle and Southern Colonies
- A Picture of Colonial Life
- The Great Awakening
- The French and Indian War
- The American War for Independence
- Building a New Nation
- Our Nation Grows
- The Civil War
- New Frontiers
- An Age of Progress
- Beyond Our Boundaries
- The World Wars
- Time for Freedom and Responsibility

**Science**

**Plants**
- Plants: Provision for Man and Beast

**Animals**
- Insects: Miniature Marvels of Creation
- Birds: Winged Wonders

**Matter**
- Matter: Water, Air, and Weather

**Energy**
- Energy: Sound and Hearing

**Earth and Space**
- Geology: Planet Earth
- Oceanography: Wonders of the Sea
- Astronomy: Consider the Heavens

**Health**

**Physical Fitness**
- Your Body Framework
- The Muscle Builder
- Your Breathing Machine

**Personal Hygiene**
- A Winning Smile
- Your Body’s Cover
- Keys to Good Grooming

**Interpersonal Relationships**
- A Healthier You

**Arithmetic**

- Place value of whole numbers and decimals
- Mastery of fundamental operations
- Story problems
- Estimating answers
- English and metric measures
- Converting measures within the same system and solving measurement equations
- Roman numerals
- Addition, subtraction, and multiplication involving fractions
- Estimation
- Averaging
- Factoring
- Divisibility rules
- Introduction to decimals
- Making change
- Reading a thermometer

**Bible**

- Lessons: Salvation Series, Genesis, Life of Christ, Life of Paul
  (includes memory verses, hymns/choruses, and Bible doctrine)

**Music Arts & Crafts**

- Music Theory/Flutophone
- Traditional, patriotic, fun songs

- Basic drawing and painting techniques, color concepts, and perspective
## Fifth Grade

### Language Arts
- Reading and Literature
  - Oral reading
  - Reading comprehension
  - Speed reading
  - Vocabulary building
- Penmanship
  - Review of cursive writing
  - formation through skill practice, word exercises, original composition, and sentence dictation

### History and Geography
- Eight documents reviewed
- Geography facts: terms, rivers, capitals, mountains, climate, deserts
- Introduction to History and Geography
- Fertile Crescent: Cradle of Civilization
- Ancient Middle East
- Middle East Today
- Countries of Central and Southern Asia
- Countries of the Far East
- Egypt: The Gift of the Nile
- Africa Long Ago
- Africa in Modern Times
- Ancient Greece: Home of Beauty
- Rome: Ruler of the Ancient World
- Christianity: The Greatest Force in History
- England and the British Isles
- Other Countries of Western Europe
- Countries of Eastern Europe
- “Land Down Under” and Beyond

### Science
- Animals
  - Amazing Mammals
  - A Variety of Vertebrates
- Energy
  - Force and motion
  - Electricity and magnetism
- Matter
  - Water, Air, Weather
- Engines: steam, internal combustion, jet propulsion, rocket engines

### Health
- Circulatory System
  - Life in the Blood
  - Your Hardy Heart
  - Pathways through Your Body
- Nutrition and Physical Fitness
  - A Balanced Diet
  - Daily Food Guide
  - Maintaining Your Proper Weight
- Raising Your Rate of Metabolism
- Aerobic Endurance
- Muscular Strength and Flexibility
- Digestive System
  - Digestion Begins in the Mouth
  - Through the Esophagus, Stomach, Small Intestine, Liver, Pancreas
  - Absorbing Digested Foods

### Arithmetic
- Place value of whole numbers and decimals
- Mastery of fundamental operations
- Story problems
- Problem-solving strategies
- Roman numerals
- Measuring to the eighth inch
- Calculating time
- Making change
- Rounding off whole numbers, money, decimals, and mixed numbers
- English and metric measures
- Converting measures within the same system and solving measurement equations
- Addition, subtraction, multiplication, and division involving fractions
- Finding parts of a whole
- Factoring
- Divisibility rules
- Probability
- Addition, subtraction, multiplication, and division involving decimals
- Introduction to percents
- Reading a thermometer
- Negative temperature
- Converting from a Celsius scale to a Fahrenheit scale and from a Fahrenheit scale to a Celsius scale
- Solving algebraic equations
- Graphs and scale drawings
- Graphing ordered pairs
- Reading schedules and charts
- Basic geometric shapes
- Perimeter and area
- Squares and square roots
- Estimation

### Bible
- Lessons: Salvation Series, Life of Moses, Tabernacle, Joshua, Judges, Ruth, Jonah, Samuel, Christmas, Crucifixion and Resurrection, Life of David (includes memory verses, hymns/choruses, and Bible doctrine)

### Music Arts & Crafts
- Traditional, patriotic, fun songs
- Basic drawing and painting techniques, color concepts, and perspective
Sixth Grade

Language Arts

Reading and Literature
- Oral reading
- Reading comprehension
- Speed reading
- Vocabulary building

Penmanship
- Review of cursive writing formation
- Practice penmanship through creative writing and word exercises

Spelling, Vocabulary, and Poetry
- Weekly word lists by prefixes, suffixes, and root words
- Vocabulary study from the word lists
- Eight poems committed to memory

Language Writing Process
- Writing paragraphs, poetry, outlines, library research paper, narration, journal, book reports, letters, creative writing

History and Geography

Advanced map studies
Geography facts, including the 50 states
Eight documents reviewed

North America: Canada, United States, Mexico and Central America
South America: Continent of Natural Resources, Nations of South America

United States History: The Colonial Heritage, New World’s First Republic, U.S. in the Twentieth Century

Science

Plants
- Plentiful Plants

Animals
- Observing Invertebrates

Earth and Space
- Our Fascinating Earth
- God’s Great Universe
- Exploring Space

Chemistry
- Matter and Chemistry (atoms, elements, and compounds)

Health

Safety and First Aid
- Safety First
- First Steps of First Aid

Growth and Fitness
- Your Changing Body
- An Active Lifestyle

Anatomy
- Endocrine System
- Respiratory System
- Muscular System
- Skeletal System

A Healthy Mind and Body
- Your Body’s Defenses
- Lymphatic System
- Your Communication System
- Nervous System
- Skin
- Drugs—Use and Abuse
- A Healthy Spirit

Arithmetic

Place value of whole numbers and decimals
Maintaining skills in fundamental operations
Story problems/Problem-solving strategies
Roman numerals
Rounding off
English and metric measures
Converting measures within the same system and solving measurement equations
Adding, subtracting, and multiplying measures
Prime factoring
Fundamental operations involving fractions and decimals
Estimation
Ratios and proportion
Percent
Probability
Graphs and scale drawing/Introduction to statistics
Basic geometric shapes
Perimeter, area, and circumference
Bisecting angles
Reading thermometers
Converting Celsius to Fahrenheit and Fahrenheit to Celsius
Equation solving/Introduction to basic algebra
Latitude, longitude, and time zones
Banking, finding interest, and installment buying
Reading electric and gas meters

Bible

Lessons: Salvation Series, Life of Christ, Parables, Elijah, Elisha, Daniel, Esther, Ezra /Nehemiah
(includes memory verses, hymns/choruses, and Bible doctrine)

Music Arts & Crafts

Traditional, patriotic, fun songs
Further development of perspective, introduction to composition, study of accomplished artists
### Seventh Grade

#### Language Arts
- **Grammar**
  - Capitalization rules
  - Punctuation rules
  - Kinds of sentences and diagramming
  - Eight parts of speech and their uses
  - Diagramming eight parts of speech
  - Sentence structure

- **Composition**
  - The writing process
  - Outlining
  - The library
  - Summaries
  - Book reports
  - Research paper
  - Writing style
  - Letter writing

- **Vocabulary, Spelling, Poetry**
  - Vocabulary lessons
  - Weekly spelling lessons
  - Eight poems memorized

- **Literature**
  - Reading for enjoyment stories and poems by such authors as Frost, Dickinson, Kipling, Bunyan, Alcott, Luther, Dickens, Defoe

#### World History and Geography
- **The Beginning**
  - From Sumer to Canaan
  - Down to Egypt
  - Israel and Its Land
  - According to His Will
  - Greece: A Drama in Two Acts
  - Rome before Christ
  - Rome after Christ
  - Early Church History
  - Islam versus Christendom

- **From Empire to Feudalism**
  - An Age of Darkness
  - The Protestant Reformation
  - Post-Reformation Europe
  - The English Nation
  - An Age of Exploration
  - The United States
  - France in the Modern Age
  - The British Empire
  - Science & Industry in the Modern Age

- **The New World of Classics**
  - World War I and the Rise of Communism
  - Before and During World War II
  - The Cold War Era
  - Toward a New Millennium
  - Change in the New Millennium
  - Eastern Hemisphere Geography
  - Parliamentary Procedure
  - Current events

#### Life Science and Health
- **Invitation to Science**
  - Plants: Provision for Life
  - Your Wonderful Body
  - A Healthy Life

- **Creation and Science**
  - The Science of Classification
  - Mammals
  - Birds
  - Fish, Reptiles, and Amphibians

- **Insects and Other Arthropods**
  - Forestry: Generous Giants
  - Ecology: Harmony in God’s Creation

#### Sex Education from the Bible
- **Morality**
  - Dating and marriage
  - Sins such as adultery, fornication, and homosexuality

#### Mathematics
- **Basic Mathematics**
  - Maintaining skills in fundamental operations (see grades 4–6)
  - Fractions and decimals
  - Factoring
  - Problem-solving strategies
  - Factorial
  - Ratio and proportion
  - Application of percent

- **Personal finances**
  - Metric system
  - Probability
  - Basic geometric concepts
  - Development and use of formulas
  - Reading and constructing graphs
  - Introduction to statistics
  - Introduction to algebra

- **Negative numbers**
  - Powers and roots
  - Time zones, latitude, and longitude
  - Introduction to plane and solid geometry
  - Pythagorean rule
  - Sine, cosine, tangent

#### Bible
- Lessons/Map Journeys: Exodus, Life of Christ
  (includes memory verses and hymns)
# Eighth Grade

## Language Arts

**Grammar**
- Capitalization rules
- Punctuation rules
- Kinds of sentences and diagraming
- Eight parts of speech and their uses
- Diagraming eight parts of speech
- Sentence structure

**Composition**
- Manuscript form
- The writing process
- The library
- Outlining
- Summaries
- Book reports
- Paragraphs
- Descriptions
- Research paper
- Writing style

## U.S. History and Geography

**A New World to Explore**
- The First English Colonies
- Founding of the New Colonies
- Life in Colonial America
- Preparation for Independence
- Home of the Brave
- Land of the Free
- From the Appalachians to the Rockies
- The Jacksonian Era
- Innovations and Inventions

**The Second Great Awakening**
- Education and Culture
- The Promise of the West
- The Civil War and Reconstruction
- The Age of Industry
- The Gilded Age
- Growing into Greatness
- Into the Twentieth Century
- The Rise of Big Government
- A World at War

**Time for Freedom and Responsibility**
- Troubled Times for America
- Which Way, America?
- In Defense of Freedom
- Western Hemisphere Geography
- Current events
- National, State, and Local Government

## Earth and Space Science

**Introduction to Science**
- Foundations of Geology
- Minerals and Rocks

**Weathering and Erosion**
- Interpreting the Fossil Record
- A Survey of the Seas

**The Atmosphere**
- Weather: Water Vapor and Air Masses
- Weather: Storms and Forecasting
- Consider the Heavens
- Man and the Universe
- Environmental Science

## Sex Education from the Bible

**Morality**
- Dating and marriage
- Sins such as adultery, fornication, and homosexuality

## Mathematics

**Pre-Algebra**
- Maintaining skills in fundamental operations (see grades 4–7)
- Principles of mathematics
- English and metric measures
- Basic algebraic concepts
- Signed numbers
- Powers and roots
- Like and unlike terms
- Multiplying and dividing monomials

**Multiplying and dividing polynomials by monomials**
- Multiplying polynomials by polynomials
- Problem-solving strategies
- Word problems solved algebraically
- Reading and constructing graphs
- Graphical scale drawings
- Statistics and probability
- Business math
- Earning income

**Banking**
- Stocks and bonds
- Insurance
- Basic plane and solid geometric concepts
- Properties of geometric figures
- Constructing geometric figures
- Perimeter, area, surface area, and volume
- Pythagorean rule
- Sine, cosine, and tangent
- Scientific notation

## Bible

Lessons/Map Journeys: Journeys of Paul, Joshua, Judges
(includes memory verses and hymns)
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<thead>
<tr>
<th>Language Arts</th>
<th>Grammar</th>
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<td>Descriptions</td>
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<td>Writing letters</td>
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<td>Improving writing style</td>
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<td>Reading for enjoyment stories and poems by such authors as Hale, Tolstoy, O. Henry, Hawthorne, Alcott, à Kempis, Longfellow, Shakespeare</td>
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<table>
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<tr>
<th>World Geography</th>
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<tr>
<td>Introduction to Geography</td>
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<td>Asia: The Middle East, Central and Southern Asia, The Far East</td>
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<td>Africa: Northern Africa, Tropical Africa, Southern Africa</td>
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<td>Europe: Mediterranean Europe, Central Europe, the Low</td>
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<td>Countries, the British Isles, Scandinavia, Russia and Eastern Europe</td>
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<tr>
<td>Australia, the Pacific Islands, and Antarctica</td>
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<tr>
<td>North America: Canada, the United States, Mexico and Middle America</td>
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<tr>
<td>South America: Andean Countries, Brazil and the Guianas, Southern Countries</td>
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<td>Linear Equations in One Variable</td>
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<td>Radical Expressions and Equations</td>
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<td>Quadratic Equations</td>
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<td>Statistics and Probability</td>
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<td>Rational Expressions and Equations Functions</td>
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<tr>
<th>Bible</th>
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<tbody>
<tr>
<td>Study series: Kings of Israel: United Kingdom, Israel’s Divided Kingdom</td>
</tr>
<tr>
<td>(includes memory verses and hymns)</td>
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</table>
# Tenth Grade

## Language Arts
- **Grammar**
  - Capitalization and punctuation rules, kinds of sentences and diagramming, eight parts of speech and their uses, diagramming eight parts of speech, sentence structure, dictionary skills, usage and diction
- **Composition**
  - Paragraphs, the library and research paper, outlining, improving writing style, book reviews, descriptions

## World History and Cultures
- **Asia and Africa: The Beginnings of Civilization**
  - Foundations
  - Sumer
  - Middle East
  - Other Asian Cultures
  - Egypt
  - Other African Cultures
- **Europe: Beginnings of Western Civilization**
  - Greece
  - Rome
  - Early Church History
  - The Byzantine Empire

## World Literature
- **The Middle Ages: From the Ancient to the Modern**
  - The Dark Ages
  - Medieval Culture
  - The Rise of Modern Nations
- **The Reformation Era**
  - The Protestant Reformation
  - Post-Reformation Europe
  - Post-Reformation Science and Culture
- **The Age of Ideas**
  - France
  - England and America
  - The Age of Industry

## Biology
- **Botany**
  - Flowering Seed Plants
  - Structure and Function of Leaves
  - Flowers, Fruits, and Seeds
  - Stems and Roots
  - Variety in Plant World
- **Human Anatomy and Physiology**
  - Fearfully and Wonderfully Made
  - Bones and Muscles
  - Nervous System
  - Nutrition and Digestion
  - Circulation and Respiration
- **Life Sciences**
  - Natural History and Scientific Investigation
  - Evolution: A Retreat from Science
  - Introduction to Ecology
- **Zoology**
  - Mammals
  - Birds

## Mathematics
- **Algebra II**
  - Factoring
  - Fractions
  - Linear equations in one variable
  - Coordinate geometry
  - Variation and dependence
  - Functions
  - Systems of equations
  - Powers and roots
  - Exponents, radicals, and imaginary numbers
  - Quadratic and higher equations
  - Logarithmic functions, exponential functions, and graphing rational functions
  - Numerical trigonometry
  - Statistics and probability

## Consumer Mathematics
- Buying a Car, Travel, Income, Budgeting, Housing, Food,
- Clothing, Leisure Activities, Federal Taxes and Records,
- Banking Investments, The Small Business

## Keyboarding
- Basic Key Introduction
- Special Symbols and Numbers
- Introduction to Business Documents
- Business Letters with Special Features
- Letter Styles and Unbound Reports
- Professional Tables
- Document Formatting

## Bible
- Study series: Bible Doctrines
  - (includes memory verses and hymns)
<table>
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<tr>
<th>Language Arts</th>
<th>Vocabulary, Spelling, Poetry</th>
<th>American Literature</th>
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<td>Grammar</td>
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<td>Writers and works of the nineteenth and twentieth centuries</td>
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<td>Authors such as Melville, Longfellow, Whittier, Dickinson, Sandburg, Frost, Bryant</td>
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<td>Application</td>
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<td>Conversation, Reading, Interview, Report, Letter, Oral translation</td>
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<td>Bible</td>
<td>Study series: Life Management, Jesus and His Followers (Gospels)</td>
<td>(includes memory verses and hymns)</td>
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### Language Arts

**Grammar**
- Review of grammar, the sentence, and mechanics
- Dictionary skills
- Diction and usage
- Research skills

**Composition**
- Paragraph, theme, outline, narrative, poetry, extended definition, essay, description, character sketch, vocation project, book reviews, and extemporaneous writing

**Vocabulary**
- Vocabulary lessons

**English Literature**
- Writers and works from the following periods: Anglo-Saxon, Medieval, Elizabethan, and Puritan Selections from *Beowulf*, *Canterbury Tales*, and *Paradise Lost*

- Stories from the life of Christ (a witnessing tool)
- Vocabulary

- Condensed novel: *Robinson Crusoe* (includes conversion experience)
- Complete play: *Macbeth*
- Complete novel: *The Pilgrim’s Progress*
- Ten poems memorized

### Government

**Foundations of the American Republic**
- America: A Unique Nation
- The Shaping of the American Republic

**Our Constitutional Republic**
- The Constitution

**The Legislative Branch: Congress**
- The Executive Branch: The Presidency and the Bureaucracy
- The Judicial Branch: The Federal Courts
- The Bill of Rights

**Our Federal Republic**
- Federalism
- State Government
- Local Government
- American Citizen in Action
- Current events

### Economics

**Everybody’s Economics**
- Economists and Economic Laws
- Factors of Production
- Laws of Supply and Demand
- Productive Market Economy
- Good That Competition Does

**Efficiency of Production**
- Why Everybody Needs to Save
- What Money Is Good For
- Government and the Economy
- Successes and Difficulties in the Market Economy

**Promise and Performance in the Market Economy**
- A Look at the Global Economy
- A Cheerful View of Our Economic Future

### Physics

**Introduction to Physics**
- Work and Machines, Energy and Momentum, Rotary Motion

**Material Substances**
- Matter, Liquid, Gaseous, Solid

**Thermodynamics**
- Heat, Laws of Thermodynamics

**Mechanics**
- Introduction to Motion, Vectors and Projectile Motion, Forces in Nature, Concurrent Forces, Circular and Periodic Motion,
- Solving Oblique Triangles
- Complex Numbers and De Moivre’s Theorem
- Intercepts, Symmetry, and Domain
- Point of Intersection of Graphs
- Parametric Equations
- Distance, Slope, and the Straight Line
- The Conic Sections

**Electricity and Magnetism**
- Electrostatics, Magnetism, Current Generation, Electric Circuits, Electrical Devices

**Modern Physics**
- Advanced Physics Concepts, Theories of Relativity
- Laboratory Studies

**Planes and Surfaces in Three Dimensions**
- Polar Coordinates
- Equations Representing Empirical Data
- The First Derivative
- Acceleration and the Second Derivative
- Application of the 1st and 2nd Derivative
- The Integral (Anti-Derivative)

### Mathematics

**Precalculus with Trigonometry and Analytical Geometry**
- Trigonometry Applied to Right Triangles
- Angles on the Cartesian Plane
- Trigonometric Functions of Any Angle
- Graphing the Trigonometric Functions
- Trigonometric Identities and Formulas
- Trigonometric Equations and Inverse Trigonometric Functions

**Solving Oblique Triangles**
- Complex Numbers and De Moivre’s Theorem
- Intercepts, Symmetry, and Domain
- Point of Intersection of Graphs
- Parametric Equations
- Distance, Slope, and the Straight Line
- The Conic Sections

**Laboratory Work:**
- Cookies, Nutrition, Breakfast, Muffins, Yeast Bread, Pasta, Cheese Sauce, Vegetables, Salad, Lunch, Supper, Pudding, Cake
- Reception, Pie Crust, Dinner Party

### Speech

**Everyday Speech**
- The Place of Speech in Society
- Everyday Conversation
- Special Types of Conversation
- Group Discussion
- Parliamentary Procedure

**Interpretation**
- Talking with the Body
- Interpreting Monologues
- Reading with Meaning
- Our American Pronunciation
- Listening

**Interpreting Declamations and Poetry**
- Storytelling
- Extemporaneous Devotions

### Family/Consumer Sciences

**Introduction**
- Kitchen and Food Safety
- Basic Techniques and Equipment
- Healthy Habits
- Nutrition
- Consumer Education
- Breakfast
- Milk and Beverages
- Eggs
- Grains, Breads, and Food Preparation

**Serving**
- Table Setting, Meal Service, and Etiquette
- Successful Entertaining
- Lunch
- Adding Flavor
- Produce
- Lunch Time Favorites

**Laboratory Work:**
- Cookies, Nutrition, Breakfast, Muffins, Yeast Bread, Pasta, Cheese Sauce, Vegetables, Salad, Lunch, Supper, Pudding, Cake
- Reception, Pie Crust, Dinner Party

### Spanish 2 or French 2

**Grammar**
- Conversations
- Cultural readings

**Study series: Genesis—First Things, Revelation and Church History (includes memory verses and hymns)**

### Bible

**Study series: Genesis—First Things, Revelation and Church History (includes memory verses and hymns)**