### 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

#### 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

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### 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

#### Numbers

- Number recognition and counting 1–100
- Number concepts 1–20
- Numbers before and after 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
<table>
<thead>
<tr>
<th><strong>Language Arts</strong></th>
<th><strong>Phonics and Reading</strong></th>
<th>Recognition of name, sound, and picture of long and short vowels and consonants. Sound of blends, one- and two-vowel words, and words with special sounds. Beginning phonics rules and special sounds.</th>
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</thead>
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<tr>
<td></td>
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<td>Reading of sentences and stories from twelve books containing one- and two-vowel words and special sounds.</td>
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<td></td>
<td><strong>Cursive Writing</strong></td>
<td>Letters, blends, words, and sentences. Name.</td>
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<tr>
<td><strong>Numbers</strong></td>
<td><strong>Number recognition, counting, and writing 1–100</strong></td>
<td>Number sequences by ones.</td>
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<tr>
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<td><strong>Number concepts 1–100</strong></td>
<td>Using number words 1–10 and first-tenth.</td>
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<td></td>
<td><strong>Numbers before and after 1–100</strong></td>
<td>Value of coins and dollar bill.</td>
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<td><strong>Numbers largest and smallest 1–100</strong></td>
<td>Telling time.</td>
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<tr>
<td></td>
<td><strong>Counting and writing by tens to 100</strong></td>
<td>Using the calendar.</td>
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<td><strong>Counting and writing by fives to 100</strong></td>
<td>Days of the week.</td>
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<tr>
<td></td>
<td><strong>Counting and writing by twos to 100</strong></td>
<td>Addition facts through 10.</td>
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<tr>
<td></td>
<td><strong>Number sequences by ones</strong></td>
<td>One-step story problems in addition.</td>
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<td></td>
<td><strong>Using number words 1–10 and first-tenth</strong></td>
<td>Beginning subtraction.</td>
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<td></td>
<td><strong>Value of coins and dollar bill</strong></td>
<td>Sequencing.</td>
</tr>
<tr>
<td><strong>Science</strong></td>
<td><strong>Plants</strong></td>
<td>God’s Plan for Seeds.</td>
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<tr>
<td></td>
<td><strong>Animals</strong></td>
<td>God’s Plan for Animals. God’s Plan for the Seashore.</td>
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<tr>
<td><strong>Social Studies</strong></td>
<td><strong>Community Helpers</strong></td>
<td>America: Our Great Country (map studies, famous Americans and places).</td>
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<tr>
<td></td>
<td><strong>Children of the World</strong></td>
<td><strong>Health and Human Biology</strong></td>
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<tr>
<td><strong>Music Arts &amp; Crafts</strong></td>
<td><strong>Hymns/choruses</strong></td>
<td>Health and Human Biology.</td>
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<td><strong>Memory verses</strong></td>
<td>Earth and Space</td>
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<td></td>
<td><strong>Bible doctrine</strong></td>
<td><strong>Bible</strong></td>
</tr>
<tr>
<td></td>
<td><strong>Basic art concepts and techniques (cutting, gluing, painting) and further development of coordination/motor skills</strong></td>
<td><strong>Music Arts &amp; Crafts</strong></td>
</tr>
</tbody>
</table>
# First 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

### Reading
- Oral reading
- Comprehension
- Vocabulary development

## Arithmetic

- Number recognition, counting, and writing 1–1,000
- Greatest and least
- Counting and writing by tens, fives, twos, and threes
- Number sequences
- Ordinal numbers
- Addition facts through 13 and three-digit addition with carrying
- Subtraction facts through 13 and two-digit subtraction
- Story problems

## History and Geography

### Social Studies
- Community Helpers
- America: Our Great Country
- Children of the World

### This Is My America
- My America’s Freedoms
- Symbols of My America

## Science

### Health and Human Biology
- Discovering Myself

### Energy, Forces, Machines
- Discovering My Toys

## Health, Safety, Manners

### Health
- Eating good foods
- Exercising
- Rest
- Posture
- Care of body, clothes, home

### Safety
- At home and away from home
- On streets, playgrounds, water

### Manners
- At home, school, church, public

## Bible

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

## Creative Writing

### Spelling and Poetry
- Weekly phonics-based word list
- Weekly test with phonics
- Reinforcement activities
- Eight poems committed to memory with poetic elements

### Penmanship
- Review of letter formation
- Connecting letters
- Daily seatwork practice in all academic areas

## Music Arts & Crafts

- Traditional, patriotic, fun songs
- Development of art concepts and techniques in multiple types of media based on the color wheel
## 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

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

**Cursive Writing**
- Review of letter formation
- Guided creative writing

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

**Language**
- Capitalization of first word in a sentence, days of the week, months of the year, special holidays, people, and places

### 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

### 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

### 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

### 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

### 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

- Correct punctuation at the ends of sentences
- Complete sentences, questions, and exclamations
- 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

- 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
### Third Grade

#### Language Arts

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

**Cursive Writing**
- Cursive writing formation
- 3⁄4-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

#### 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
- Recognizing and working with fractions
- 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

#### 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

#### Bible

Lessons: Salvation Series, Parables, Samuel, David, Elijah, Elisha, Daniel, Ezra/Nehehiah, 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**
Language Arts

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

**Penmanship**
- 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
- Roman numerals
- Addition, subtraction, and multiplication involving fractions
- Estimation
- Averaging
- Factoring
- Divisibility rules
- Introduction to decimals
- Making change
- Reading a thermometer
- Solving equations using addition and subtraction axioms
- Graphs and scale drawing
- Basic geometric shapes
- Perimeter and area
- Using an English and metric ruler
- Time lapse

**Grammar**
- Sentence structure
- Kinds of sentences
- Punctuation
- Capitalization facts
- Abbreviations
- Possessive words
- Recognizing and using all eight parts of speech
- Diagraming verbs, nouns, pronouns, adjectives, adverbs
- Correctly using troublesome words

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

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

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

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
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<tr>
<th>Language Arts</th>
<th>Arithmetic</th>
<th>History and Geography</th>
<th>Science</th>
<th>Health</th>
<th>Bible</th>
<th>Music Arts &amp; Crafts</th>
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<tr>
<td><strong>Reading and Literature</strong>&lt;br&gt;Oral reading&lt;br&gt;Reading comprehension&lt;br&gt;Speed reading&lt;br&gt;Vocabulary building</td>
<td><strong>Penmanship</strong>&lt;br&gt;Review of cursive writing formation through skill practice, word exercises, original composition, and sentence dictation</td>
<td><strong>Place value of whole numbers and decimals</strong>&lt;br&gt;Mastery of fundamental operations&lt;br&gt;Story problems&lt;br&gt;Problem-solving strategies&lt;br&gt;Roman numerals&lt;br&gt;Measuring to the eighth inch&lt;br&gt;Calculating time&lt;br&gt;Making change&lt;br&gt;Calculating off whole numbers, money, decimals, and mixed numbers&lt;br&gt;English and metric measures</td>
<td><strong>Eight documents reviewed</strong>&lt;br&gt;Geography facts: terms, rivers, capitals, mountains, climate, deserts&lt;br&gt;Introduction to History and Geography&lt;br&gt;Fertile Crescent: Cradle of Civilization&lt;br&gt;Ancient Middle East</td>
<td><strong>Animals</strong>&lt;br&gt;Amazing Mammals&lt;br&gt;A Variety of Vertebrates</td>
<td><strong>Circulatory System</strong>&lt;br&gt;Life in the Blood&lt;br&gt;Your Hardy Heart&lt;br&gt;Pathways through Your Body</td>
<td><strong>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)</strong></td>
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<tr>
<th>Penmanship</th>
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<tr>
<td>Review of cursive writing formation</td>
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<tr>
<td>Practice penmanship through creative writing and word exercises</td>
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<tbody>
<tr>
<td>Place value of whole numbers and decimals</td>
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<tr>
<td>Maintaining skills in fundamental operations</td>
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<td>Story problems/Problem-solving strategies</td>
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<td>Roman numerals</td>
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<tr>
<td>Rounding off</td>
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<tr>
<td>English and metric measures</td>
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<td>Converting measures within the same system and solving measurement equations</td>
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<td>Adding, subtracting, and multiplying measures</td>
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<td>Prime factoring</td>
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<td>Fundamental operations involving fractions and decimals</td>
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<td>Ratios and proportion</td>
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<td>Percent</td>
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<td>Probability</td>
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<td>Graphs and scale drawing/Introduction to statistics</td>
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<td>Basic geometric shapes</td>
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<td>Perimeter, area, and circumference</td>
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<td>Bisecting angles</td>
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<td>Reading thermometers</td>
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<td>Converting Celsius to Fahrenheit and Fahrenheit to Celsius</td>
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<tr>
<td>Equation solving/Introduction to basic algebra</td>
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<td>Latitude, longitude, and time zones</td>
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<td>Banking, finding interest, and installment buying</td>
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<td>Reading electric and gas meters</td>
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<th>History and Geography</th>
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<td>Advanced map studies</td>
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<td>Geography facts, including the 50 states</td>
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<td>Eight documents reviewed</td>
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<td>North America: Canada, United States, Mexico and Central America</td>
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<td>South America: Continent of Natural Resources, Nations of South America</td>
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<td>United States History: The Colonial Heritage, New World’s First Republic, U.S. in the Twentieth Century</td>
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<td>Plants</td>
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<td>Plentiful Plants</td>
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<td>Observing Invertebrates</td>
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<td>Earth and Space</td>
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<td>Our Fascinating Earth</td>
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<td>God’s Great Universe</td>
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<td>Matter and Chemistry (atoms, elements, and compounds)</td>
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<th>Health</th>
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<td>Drugs—Use and Abuse</td>
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<td>A Healthy Spirit</td>
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<tr>
<td>Lessons: Salvation Series, Life of Christ, Parables, Elijah, Elisha, Daniel, Esther, Ezra / Nehemiah (includes memory verses, hymns/choruses, and Bible doctrine)</td>
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<td>Traditional, patriotic, fun songs</td>
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<td>Further development of perspective, introduction to composition, study of accomplished artists</td>
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</table>
### 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**
- 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

### 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

### 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

### Bible

- Lessons/Map Journeys: Exodus, Life of Christ
  (includes memory verses and hymns)
### 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**
  - Manuscript form
  - The writing process
  - The library
  - Outlining
  - Summaries
  - Book reports
  - Paragraphs
  - Descriptions
  - Research paper
  - Writing style

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

- **Literature**
  - Reading for enjoyment stories and poems by such authors as Stuart, Whittier, Longfellow, Frost, Hawthorne, Sandburg

### 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

- **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
  - Constitution Study
  - Western Hemisphere Geography
  - Current events
  - National, State, and Local Government

- **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

### U.S. History and Geography

### Earth and Space Science

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

### Bible
- Lessons/Map Journeys: Journeys of Paul, Joshua, Judges
  (includes memory verses and hymns)

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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
- Manuscript form
- Writing process

Mathematics*

Algebra I
- Real Numbers and Algebra
- Linear Equations in One Variable
- Linear Equations in Two Variables
- Linear Inequalities

World Geography

Introduction to Geography
- Asia: The Middle East, Central and Southern Asia, The Far East
- Africa: Northern Africa, Tropical Africa, Southern Africa
- Europe: Mediterranean Europe, Central Europe, the Low Countries, the British Isles, Scandinavia, Russia and Eastern Europe
- Australia, the Pacific Islands, and Antarctica
- North America: Canada, the United States, Mexico and Middle America
- South America: Andean Countries, Brazil and the Guianas, Southern Countries
- Current events

Physical Science

Introduction to Physical Science
- Matter and Energy
  - Measuring Matter
  - States of Matter
  - Energy
  - Heat

Chemistry
- Foundations of Chemistry
- Molecules and Chemistry
- Chemistry in Action
- Science vs. Evolution

Motion and Waves
- Motion and Forces
- Waves and Sound
- Light and Color

Electricity and Magnetism
- Electrostatics
- Magnetism
- Electricity
- Electronics

Health

- Nutrition and exercise
- Personal hygiene
- Body systems
- Mental health
- Personal safety
- First aid
- Disease prevention
- Drug abuse
- Right relationships
- Spiritual growth

Bible

Study series: Kings of Israel: United Kingdom, Israel's Divided Kingdom (includes memory verses and hymns)

Literature

- Classics on the following themes: truth and wisdom, courage, humility, justice, temperance, beauty, joy and peace, faith and hope, love, and time and eternity
- Reading for enjoyment stories and poems by such authors as Hale, Tolstoy, O. Henry, Hawthorne, Alcott, à Kempis, Longfellow, Shakespeare

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**Tenth Grade**

### Language Arts
- **Grammar**
  - Capitalization and punctuation rules, kinds of sentences and diagraming, eight parts of speech and their uses, diagraming 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

### Mathematics*
- **Algebra II**
  - Basic Algebra
  - Equations and Inequalities
  - Polynomial Equations and Inequalities
  - Functions
- **Vocabulary, Spelling, Poetry**
  - Vocabulary lessons
  - Weekly spelling lessons
  - Ten poems memorized

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

### 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
- **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**
  - The Victorian Era
  - Unbelief and Revolution in 19th Century Europe
- **The Twentieth Century**
  - World War I
  - Rise of Communism
  - 20th-Century Liberalism
  - World War II
  - The Cold War Era
  - The Rise of Globalism
  - Current events

### 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
- **Integumentary, Excretory, Endocrine, and Reproductive Systems**
- **Disease and the Body’s Immune System**
- **Life Sciences**
  - Natural History and Scientific Investigation
  - Evolution: A Retreat from Science
  - Introduction to Ecology
- **Zoology**
  - Mammals
  - Birds
  - Reptiles and Amphibians
- **Fish**
- **Arthropods**
- **Variety in the World of Invertebrates**

### Cellular and Molecular Biology
- **Cytology**
- **Heredity**
- **DNA**
- **Laboratory work: dissections, microscopy, field studies, nutrition, cellular biology, genetics**
- **Laboratory Studies**

### Keyboarding**
- **Basic Key Introduction**
- **Special Symbols and Numbers**
- **Introduction to Business Documents**

### Bible
- **Study series: Bible Doctrines (includes memory verses and hymns)**

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**Electives can be taken in different grade level sequences based on your scheduling needs.
### Language Arts
- **Grammar**
  - Review of grammar, the sentence, and mechanics
  - Dictionary skills
  - Diction and usage
  - Library skills

- **Composition**
  - Writing process, paragraphs, book reviews, outline, character sketch and analysis, essays, paraphrases, summary, research paper, exposition, classification, extended definition, letter and résumé

### Mathematics*
- **Plane Geometry (traditional approach)**
  - Rectilinear figures
  - Circle
  - Proportions
  - Similar polygons

### Business Mathematics**
- Personal finances
- Bookkeeping and accounting
- Business formulas
- Metric-English conversions
- Investments
- Taxes

### U.S. History
- Discovery and Exploration
- The Thirteen Original Colonies
- Life in Colonial America
- Preparation for Independence
- Conflict with England
- The War for Independence
- The Critical Period and the Constitution
- The Federalist Era
- The Age of Jefferson
- The Nationalist Era
- The Age of Jackson

### Chemistry
- Chemistry: An Introduction
- Matter: The Substance of Chemistry
- Stoichiometry: Elements and Compounds
- Stoichiometry: Chemical Reactions
- Gases
- Chemical Thermodynamics
- Light, Electrons, and Atomic Structure
- The Periodic Table
- The Chemical Bond and Intermolecular Forces
- Selected Nonmetals and Their Compounds
- Selected Metals and Semimetals
- Solutions and Colloids
- Chemical Kinetics
- Chemical Equilibrium
- Acids, Bases, and Salts
- Oxidation-Reduction Reactions and Electrochemistry
- Nuclear Chemistry
- Organic Chemistry
- Laboratory studies

### Spanish 1 or French 1**
- Pronunciation
- Word formation
- Verse memorization as a witnessing tool
- Grammar

### Document Processing**
- Employment Documents
- MLA Style Reports
- The Itinerary and Agenda Letter with Tables

### Bible
- Study series: Life Management, Jesus and His Followers (Gospels)
  - Includes memory verses and hymns

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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

**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 Formulas
  - 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
  - Planes and Surfaces in Three Dimensions

**Government**

- **Foundations of the American Republic**
  - America: A Unique Nation
  - Government under God
  - 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
  - The 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

**Physics**

- **Introduction to Physics**
- **Material Substances**
  - Matter, Liquid, Gaseous, Solid
- **Mechanics**
  - Introduction to Motion, Vectors and Projectile Motion, Forces in Nature, Concurrent Forces, Circular and Periodic Motion, Work, and Machines, Energy and Momentum, Rotary Motion

- **Thermodynamics**
  - Heat, Laws of Thermodynamics

- **Wave Phenomena**
  - Waves, Sound, Nature of Light, Reflection of Light, Refraction of Light, Wave Optics

**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

**Family/Consumer Sciences**

- **Introduction**
  - Kitchen and Food Safety
  - Basic Techniques and Equipment

- **Healthy Habits**
  - Nutrition
  - Consumer Education

- **Breakfast**
  - Milk and Beverages
  - Eggs

- **Lunch**
  - Adding Flavor
  - Produce
  - Lunch Time Favorites

- **Dinner**
  - Meat, Poultry, and Fish
  - Appetizers and Desserts

- **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

- **Spanish 2 or French 2**
  - Study series: Genesis—First Things, Revelation and Church History
  - (includes memory verses and hymns)

**Bible**

- **Grammar**
- Vocabulary

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

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

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

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

- **Composition**
- Interviews

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