Homeschool
Scope & Sequence
Preschool through Grade 12
### Preschool

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

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

### 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
  - 2 + 1
  - 3 + 1
  - 4 + 1
  - 5 + 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
## Language Arts

**Phonics and Reading**
- Recognition of name, sound, and picture of long and short vowels and consonants
- Sounding of blends, one- and two-vowel words, and words with special sounds
- Beginning phonics rules and special sounds

**Cursive Writing**
- Letters, blends, words, and sentences
- Name

**Reading of sentences and stories from thirteen books containing one- and two-vowel words and special sounds**

**Language**
- Recognition of sentences by capital letters and periods
- Rhyming words
- Opposites

**Poetry**
- Thirteen poems committed to memory

## Numbers

- Number recognition, counting, and writing 1–100
- Number concepts 1–100
- Numbers before and after 1–100
- Numbers largest and smallest 1–100
- Counting and writing by tens to 100
- Counting and writing by fives to 100
- Counting and writing by twos to 100
- Number sequences by ones

- Using number words 1–10 and first-tenth
- Value of coins and dollar bill
- Telling time
- Using the calendar
- Days of the week
- Addition facts through 10
- One-step story problems in addition
- Beginning subtraction
- Sequencing
- Same/different
- Basic geometric shapes

**Fractions**—one half, one fourth
**Arithmetic symbols**—plus, minus, equals

## Science

**Plants**
- God’s Plan for Seeds

**Animals**
- God’s Plan for Animals
- God’s Plan for the Seashore

**Health and Human Biology**
- God’s Plan for Me

**Earth and Space**
- God’s Plan for Weather
- God’s Plan for Seasons

## Social Studies

- Community Helpers
- Children of the World

- America: Our Great Country (map studies, famous Americans and places)

## Bible

- Hymns/choruses
- Memory verses
- Bible doctrine

**Lessons:** Salvation Series, Genesis, Life of Christ, Missionary Stories

## Music Arts & Crafts

- Traditional, patriotic, fun songs

- Basic art concepts and techniques (cutting, gluing, painting) and further development of coordination/motor skills
**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

**Language**
- Capitalization of first word in a sentence, proper names, names of God, days of the week, and months of the year
- Correct punctuation at the ends of sentences
- Recognition of complete sentences
- Words using suffixes, prefixes, syllables, compound words, rhyming words, opposite words, same meaning words, and contractions
- Alphabetizing of words
- Writing complete sentences and short stories

**Creative Writing**
- Chronological
- Informational
- Original

**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

**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
- Numbers before and after by ones, twos, tens
- Between numbers
- Counting and combining coins
- Telling time to the nearest five minutes
- Recognizing odd and even numbers
- English and some metric measures
- Place value in ones, tens, and hundreds
- Unit fractions \(\frac{1}{2}, \frac{1}{3}, \frac{1}{4}\)
- Reading a thermometer
- Using a ruler
- Multiple combinations
- Concept of multiplication
- Calendars
- Reading pictographs and bar graphs
- Developing listening skills
- Roman numerals

**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

**Animals**
- Discovering Animals
- Discovering Insects

**Plants**
- Discovering Plants

**This Is My World**
- Canada, Mexico, Peru, The Bahamas, England, France, Switzerland, the Netherlands, Norway, Germany, Italy, Kenya, Egypt, Israel, India, China, Australia, Japan

**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)

**Music Arts & Crafts**
- Traditional, patriotic, fun songs
- Development of art concepts and techniques in multiple types of media based on the color wheel
<table>
<thead>
<tr>
<th>Language Arts</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Phonics</strong></td>
</tr>
<tr>
<td>Review of vowels, consonants, blends, one- and two-vowel words, consonant blends</td>
</tr>
<tr>
<td>Recognition and use of all phonics special sounds in reading</td>
</tr>
<tr>
<td>Spelling rules: doubling consonants, dropping silent e, changing y to i</td>
</tr>
<tr>
<td><strong>Spelling and Poetry</strong></td>
</tr>
<tr>
<td>Weekly phonics-based word list</td>
</tr>
<tr>
<td>Vocabulary words and definitions second semester</td>
</tr>
<tr>
<td><strong>Reading</strong></td>
</tr>
<tr>
<td>Oral and silent reading</td>
</tr>
<tr>
<td>Developing accuracy, fluency, comprehension, and analytical skills</td>
</tr>
<tr>
<td>Literary terms and components</td>
</tr>
<tr>
<td>Analysis of literature and illustration</td>
</tr>
<tr>
<td><strong>Cursive Writing</strong></td>
</tr>
<tr>
<td>Review of letter formation</td>
</tr>
<tr>
<td>Guided creative writing</td>
</tr>
<tr>
<td><strong>Language</strong></td>
</tr>
<tr>
<td>Capitalization of first word in a sentence, days of the week, months of the year, special holidays, names of God, and proper nouns</td>
</tr>
<tr>
<td>Correct punctuation at the ends of sentences</td>
</tr>
<tr>
<td><strong>Arithmetic</strong></td>
</tr>
<tr>
<td>Number recognition, counting, and writing 1–1,000 and beyond</td>
</tr>
<tr>
<td>Numbers greatest and least</td>
</tr>
<tr>
<td>Counting and writing to hundred thousands, by threes to 36, by fours to 48</td>
</tr>
<tr>
<td>Ordinal numbers</td>
</tr>
<tr>
<td>Addition facts through 18, column addition, four-digit addition with carrying</td>
</tr>
<tr>
<td>Subtraction facts through 18, four-digit subtraction with borrowing</td>
</tr>
<tr>
<td>Multiplication facts 0, 1, 2, 3, 5, 10</td>
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<tr>
<td>Division facts 2, 3, 5, 10</td>
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<tr>
<td>Story problems</td>
</tr>
<tr>
<td>Multiple combinations</td>
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<tr>
<td>Estimation</td>
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<tr>
<td>Rounding</td>
</tr>
<tr>
<td>Numbers before and after by ones, twos, threes, fives, tens, twenty-fives, and hundreds</td>
</tr>
<tr>
<td>Counting and combining coins and bills</td>
</tr>
<tr>
<td>Telling time to the nearest minute</td>
</tr>
<tr>
<td>English and some metric measures</td>
</tr>
<tr>
<td><strong>History</strong></td>
</tr>
<tr>
<td>America’s flags and freedoms</td>
</tr>
<tr>
<td>Early Americans</td>
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<tr>
<td>American holidays and songs</td>
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<tr>
<td>Colonial life</td>
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<tr>
<td>Declaration of Independence</td>
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<tr>
<td>American War for Independence</td>
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<tr>
<td>Pioneers</td>
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<tr>
<td>Civil War</td>
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<td>Railroads and cattle ranching</td>
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<tr>
<td>American immigrants</td>
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<tr>
<td>American free enterprise system and work ethic</td>
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<tr>
<td>American inventions, inventors, scientists, and athletes</td>
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<tr>
<td>Americans of courage and creativity</td>
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<tr>
<td>Last states and territories added</td>
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<tr>
<td>Good citizenship</td>
</tr>
<tr>
<td><strong>Science</strong></td>
</tr>
<tr>
<td>Creator’s design, plan, and balance</td>
</tr>
<tr>
<td>Human brain and body systems</td>
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<tr>
<td>Five sense organs</td>
</tr>
<tr>
<td>Plants: parts and growth</td>
</tr>
<tr>
<td>Animals and their habitats: oceans, ponds, forests, savannas, rainforests</td>
</tr>
<tr>
<td>Scientific investigation</td>
</tr>
<tr>
<td>How and where scientists work</td>
</tr>
<tr>
<td>Science tools and safety</td>
</tr>
<tr>
<td>Energy, force, movement</td>
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<tr>
<td>Work and machines</td>
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<tr>
<td>States of matter</td>
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<tr>
<td>Atmosphere and water cycle</td>
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<tr>
<td>Predicting weather</td>
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<tr>
<td>Planets and solar system</td>
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<tr>
<td>Stars, sun, moon</td>
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<tr>
<td>Earth: planet designed for life</td>
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<tr>
<td><strong>Health, Safety, Manners</strong></td>
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<tr>
<td>Health</td>
</tr>
<tr>
<td>Posture</td>
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<tr>
<td>Nutrition/exercise</td>
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<tr>
<td>Rest/cleanliness</td>
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<tr>
<td>Preventative care</td>
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<tr>
<td>Safety</td>
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<tr>
<td>Emergency preparation</td>
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<tr>
<td>Safety at home and away from home</td>
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<tr>
<td>Winter and water safety</td>
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<tr>
<td>Storm safety</td>
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<tr>
<td><strong>Manners</strong></td>
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<tr>
<td>Courtesy</td>
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<tr>
<td>Kindness</td>
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<td>Cheerfulness</td>
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<td>Respect</td>
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<tr>
<td>Thoughtfulness</td>
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<tr>
<td><strong>Bible</strong></td>
</tr>
<tr>
<td>Lessons: Salvation Series, Life of Moses, Joshua, Judges, Ruth, Jonah, Favorite Bible Stories, Christmas, Crucifixion and Resurrection (includes memory verses, hymns/choruses, and Bible doctrine)</td>
</tr>
<tr>
<td><strong>Music Arts &amp; Crafts</strong></td>
</tr>
<tr>
<td>Traditional, patriotic, fun songs</td>
</tr>
<tr>
<td>Seasonal and keepsake projects that develop art concepts and techniques using multiple types of media, featuring chalk</td>
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<tr>
<td>Language Arts</td>
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<td>--------------</td>
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<tr>
<td><strong>Reading</strong></td>
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<tr>
<td>Oral and silent reading</td>
</tr>
<tr>
<td>Developing accuracy, fluency, comprehension, and analytical skills</td>
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<tr>
<td>Reading comprehension</td>
</tr>
<tr>
<td>Vocabulary development</td>
</tr>
<tr>
<td>Discussion for Biblical and personal application</td>
</tr>
<tr>
<td>Analysis of literature and illustration</td>
</tr>
<tr>
<td>Identification of simple text structures</td>
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<tr>
<td>Application of literary terms and components</td>
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<table>
<thead>
<tr>
<th>Arithmetic</th>
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</thead>
<tbody>
<tr>
<td>Place value up to hundred millions</td>
<td>Roman numerals</td>
</tr>
<tr>
<td>Addition facts through 18</td>
<td>English and metric measures</td>
</tr>
<tr>
<td>Column addition, carrying, checking</td>
<td>Converting measures, solving measurement equations and story problems</td>
</tr>
<tr>
<td>Subtraction facts through 18</td>
<td>Drawing and measuring lines to the nearest half inch and centimeter</td>
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<tr>
<td>Borrowing, checking</td>
<td>Telling time to nearest minute, solving elapsed-time problems</td>
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<tr>
<td>Multiplication 0–12 Tables, multi-digit factors with carrying, checking</td>
<td>Counting and combining coins and bills; addition, subtraction, multiplication, and division money problems; determining change</td>
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<tr>
<td>Division 1–12 Tables, long division with remainders, checking</td>
<td>Solving multi-process combinations using parentheses to determine order of operations</td>
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<tr>
<td>Story problems</td>
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<tr>
<td>Rounding to nearest ten, hundred, and dollar</td>
<td><strong>History and Geography</strong></td>
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<tr>
<td>Estimation of sums, differences, products</td>
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<tr>
<td>Averaging numbers</td>
<td>Map reading skills/activities</td>
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<tr>
<td></td>
<td>States of the United States by region</td>
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<tr>
<td></td>
<td>Topographical study of the United States</td>
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<tr>
<td><strong>Study of our American heritage through the lives of great people</strong></td>
<td>Founding of America, including</td>
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<tr>
<td>Founding of America, including</td>
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<tr>
<td></td>
<td>Miles Standish</td>
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<td></td>
<td>William Penn</td>
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<tr>
<td></td>
<td>Benjamin Franklin</td>
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<td>Benjamin Banneker</td>
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<td>Dolley Madison</td>
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<td>Expanding of America (plus Civil War era), including</td>
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<tr>
<td></td>
<td>Daniel Boone</td>
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<td>Lewis and Clark</td>
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<td>Harriet Tubman</td>
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<td>Abraham Lincoln</td>
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<td>DL Moody</td>
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<td>Modernization of America, including</td>
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<td>Alexander Graham Bell</td>
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<td>Theodore Roosevelt</td>
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<td>George Washington Carver</td>
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<td>Amelia Earhart</td>
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<td>Ronald Reagan</td>
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<td></td>
<td>Donald Trump</td>
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<table>
<thead>
<tr>
<th>Science</th>
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<tbody>
<tr>
<td><strong>Scientist</strong></td>
<td><strong>Earth’s surface</strong></td>
</tr>
<tr>
<td>Scientific method</td>
<td>Shape/structure/soil</td>
</tr>
<tr>
<td>How/where scientists work</td>
<td>Landforms/weathering/surface changes/rock</td>
</tr>
<tr>
<td>Tools, graphing, safety</td>
<td>Stewardship</td>
</tr>
<tr>
<td><strong>How creation works</strong></td>
<td><strong>Plant world</strong></td>
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<tr>
<td>Energy sources/types</td>
<td>Seeds/structures/other ways plants sprout</td>
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<tr>
<td>Force/movement/machines</td>
<td>Forest types/decomposers/plants that grow from spores</td>
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<tr>
<td>Structures/magnetism/matter</td>
<td><strong>Solar system</strong></td>
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<tr>
<td><strong>Earth’s Atmosphere</strong></td>
<td>Sun/planets/stars/moon</td>
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<tr>
<td>Weather/water cycle/climates</td>
<td>Time/space science/our home</td>
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<td></td>
<td>Animal world &amp; habitat</td>
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<tr>
<td></td>
<td>Vertebrates/invertebrates</td>
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<td>Prairie/desert/rainforest/arctic/coral reef/stream</td>
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<td>Food Chains</td>
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<td><strong>Human body systems</strong></td>
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<td>Cells/tissue/organs</td>
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<td>Nervous system/sense organs</td>
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<td>Heart &amp; circulatory system</td>
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<td></td>
<td>Lungs &amp; respiratory system</td>
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<td>Teeth &amp; digestive system</td>
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<td>Bones &amp; skeletal system</td>
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<td></td>
<td>Muscles &amp; muscular system</td>
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<table>
<thead>
<tr>
<th>Health, Safety, Manners</th>
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<tbody>
<tr>
<td><strong>Health</strong></td>
<td><strong>Safety</strong></td>
</tr>
<tr>
<td>Posture, exercise</td>
<td>Public safety (includes street and personal safety)</td>
</tr>
<tr>
<td>Nutrition, diet</td>
<td>Recreational safety (includes bicycle and water safety)</td>
</tr>
<tr>
<td>Cleanliness</td>
<td>Home safety (includes fire and Internet safety)</td>
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<tr>
<td>Preventative care</td>
<td></td>
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<tr>
<td>Spiritual, mental, social health</td>
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<table>
<thead>
<tr>
<th>Bible</th>
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<tbody>
<tr>
<td>Lessons: Salvation Series, Samuel, David, Elijah, Elisha, Thanksgiving, Christmas, Daniel, Ezra / Nehemiah, Esther, Crucifixion and Resurrection, Parables (includes memory verses, hymns/choruses, and Bible doctrine)</td>
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<table>
<thead>
<tr>
<th>Music Arts &amp; Crafts</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Music theory/flutophone</td>
<td></td>
</tr>
<tr>
<td>Traditional, patriotic, fun songs</td>
<td>Development of art concepts and techniques in multiple types of media featuring charcoal and water colors</td>
</tr>
</tbody>
</table>
### Fourth Grade

#### Language Arts

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

**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,

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

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

**Reinforcement activities**
- Capitalization facts, Abbreviations, Possessive words
- Recognizing and using all eight parts of speech
- Diagramming 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
- 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

#### 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: 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**
<table>
<thead>
<tr>
<th><strong>Language Arts</strong></th>
<th><strong>Arithmetic</strong></th>
<th><strong>History and Geography</strong></th>
<th><strong>Science</strong></th>
<th><strong>Health</strong></th>
<th><strong>Bible</strong></th>
<th><strong>Music Arts &amp; Crafts</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Reading and Literature</td>
<td>Place value of whole numbers and decimals</td>
<td>Eight documents reviewed</td>
<td>Animals</td>
<td>Circulatory System</td>
<td>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)</td>
<td></td>
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<tr>
<td>Oral reading</td>
<td>Mastery of fundamental operations</td>
<td>Countries of Central and Southern Asia</td>
<td>Amazing Mammals</td>
<td>Raising Your Rate of Metabolism</td>
<td>Traditional, patriotic, fun songs</td>
<td></td>
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<tr>
<td>Reading comprehension</td>
<td>Story problems</td>
<td>Countries of the Far East</td>
<td>A Variety of Vertebrates</td>
<td>Aerobic Endurance</td>
<td>Basic drawing and painting techniques, color concepts, and perspective</td>
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<tr>
<td>Speed reading</td>
<td>Problem-solving strategies</td>
<td>Egypt: The Gift of the Nile</td>
<td>Force and motion</td>
<td>Muscular Strength and Flexibility</td>
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<tr>
<td>Vocabulary building</td>
<td>Roman numerals</td>
<td>Africa Long Ago</td>
<td>Electricity and magnetism</td>
<td>Flexibility</td>
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<tr>
<td>Penmanship</td>
<td>Measuring to the eighth inch</td>
<td>Africa in Modern Times</td>
<td>Light</td>
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<tr>
<td>Review of cursive writing formation through skill practice, word exercises, original composition, and sentence dictation</td>
<td>Calculating time</td>
<td>Ancient Greece: Home of Beauty</td>
<td>Matter</td>
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<tr>
<td>Weekly word lists on various categories and vocabulary study</td>
<td>Rounding off whole numbers, money, decimals, and mixed numbers</td>
<td>Christianity: The Greatest Force in History</td>
<td>Engines: steam, internal combustion, jet propulsion, rocket engines</td>
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<tr>
<td>Six poems committed to memory</td>
<td>English and metric measures</td>
<td></td>
<td>Light</td>
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<tr>
<td>Converting measures within the same system and solving measurement equations</td>
<td>Converting from a Celsius scale to a Fahrenheit scale and from a Fahrenheit scale to a Celsius scale</td>
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<td>Raising Your Rate of Metabolism</td>
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<tr>
<td>Addition, subtraction, multiplication, and division involving fractions</td>
<td>Solving algebraic equations</td>
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<td>Aerobic Endurance</td>
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<tr>
<td>Finding parts of a whole</td>
<td>Graphs and scale drawings</td>
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<td>Muscular Strength and Flexibility</td>
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<tr>
<td>Factoring</td>
<td>Graphing ordered pairs</td>
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<td>Flexibility</td>
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<td>Divisibility rules</td>
<td>Reading schedules and charts</td>
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<tr>
<td>Probability</td>
<td>Basic geometric shapes</td>
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<tr>
<td>Addition, subtraction, multiplication, and division involving decimals</td>
<td>Perimeter and area</td>
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<td>Introduction to percents</td>
<td>Squares and square roots</td>
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<td>Reading a thermometer</td>
<td>Estimation</td>
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<td>Negative temperature</td>
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<td>Grammar</td>
<td>English and metric measures</td>
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<td>Punctuation, capitalization, and quotation facts</td>
<td>Converting from a Celsius scale to a Fahrenheit scale and from a Fahrenheit scale to a Celsius scale</td>
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<td>Recognizing and diagramming all eight parts of speech</td>
<td>Solving algebraic equations</td>
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<td>Recognizing and diagramming complements</td>
<td>Graphs and scale drawings</td>
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<td>Word usage</td>
<td>Graphing ordered pairs</td>
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<td>England and the British Isles</td>
<td>Reading schedules and charts</td>
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<td>Other Countries of Western Europe</td>
<td>Basic geometric shapes</td>
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<td>Countries of Eastern Europe</td>
<td>Perimeter and area</td>
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<td>“Land Down Under” and Beyond</td>
<td>Squares and square roots</td>
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</table>
## 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

### 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

### 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

### 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**
- Essay answer
- Summaries
- Letters
- Informative, narrative, and process essays
- Character sketch
- Writing style
- The writing process
- Outlines
- Book reports
- Paragraphs
- Research paper
- The library

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

**Literature**
- Stories and poems read for enjoyment by authors such 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 & science
- Mammals
- Birds
- Fish, reptiles, and amphibians
- Insects
- Assorted invertebrates

- Through the microscope
- 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

### 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

## U.S. History and Geography

### Eighth Grade

### 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
- Water Vapor and Air Masses
- Storms and Forecasting

### Consider the Heavens
- Man and the Universe
- Environmental Science

## Sex Education from the Bible

- Morality
- Dating and marriage
- Biblical sexuality

## Bible

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

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* Mathematics courses can be taken in a different sequence to meet your scheduling needs.
Ninth 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

**Composition**
- Manuscript form
- Writing process
- The library
- Paragraphs

**Outlining**
- Book reports
- Summaries
- Descriptions
- Research paper
- Writing letters
- Improving writing style

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

**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, a Kempis, Longfellow, Shakespeare

**Mathematics***

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

**Systems of Equations**
- Polygonal Arithmetic
- Polynomial Factoring
- Radical Expressions and Equations
- Quadratic Equations

**Statistics and Probability**
- Rational Expressions and Equations
- Functions

**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**

**Electricity and Magnetism**
- Static Electricity
- Magnetism
- Electricity
- Electronics

**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

**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)

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* Mathematics courses can be taken in a different sequence to meet your scheduling needs.
### 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

**World Literature**
- Classics by such authors as Dickens, Browning, Millay, Holmes, Poe, Doyle, Yeats, Tolstoy, Herbert
- Introduction to art appreciation
- Introduction to literary terms and forms: short story, narrative poetry, plot, imagery and figurative language; theme, rhyme and rhythm; emotion; fixed form, continuous form, and free verse poetry; paradox; setting;
- Major works in historical order
- Authors such as Homer, Aesop, Virgil, Foxe, Luther, Milton, Bunyan, Newton, Machen
- Complete novel: Silas Marner
- Complete play: Julius Caesar

**Composition**
- Paragraphs, the library and research paper, outlining, improving writing style, book reviews, descriptions

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

### Mathematics*

**Algebra II**
- Basic Algebra
- Equations and Inequalities
- Polynomial Equations and Inequalities
- Functions

**Systems of Equations and Inequalities**
- Matrices
- Exponential and Logarithmic Functions
- Triangles and Basic Trigonometry

**Trigonometry and the Cartesian Plane**
- Sequences, Series, and Counting
- Probability
- Statistics

### 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 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

**Business Letters with Special Features**
- Letter Styles and Unbound Reports

**Professional Tables**
- Document Formatting

### Bible

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

* Mathematics courses can be taken in a different sequence to meet your scheduling needs.
** Electives can be taken in different grade-level sequences based on your scheduling needs.
**Eleventh Grade**

<table>
<thead>
<tr>
<th>Language Arts</th>
<th>Mathematics*</th>
<th>Vocabulary, Spelling, Poetry</th>
<th>American Literature</th>
<th>Business Mathematics**</th>
<th>U.S. History</th>
<th>Chemistry</th>
<th>Spanish 1 or French 1**</th>
<th>Document Processing**</th>
<th>Bible</th>
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<tbody>
<tr>
<td>Grammar</td>
<td>Plane Geometry (traditional approach)</td>
<td>Proportions</td>
<td>Education and Technology</td>
<td>Personal finances</td>
<td>Discovery and Exploration</td>
<td>Chemistry: An Introduction</td>
<td>Pronunciation</td>
<td>Study series: Life Management, Jesus and His Followers (Gospels) (includes memory verses and hymns)</td>
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<td>Review of grammar, the sentence, and mechanics</td>
<td>Formal arrangement of a proof</td>
<td>Similar polygons</td>
<td>Expansion to the Pacific</td>
<td>Bookkeeping and accounting</td>
<td>The Thirteen Original Colonies</td>
<td>Matter: The Substance of Chemistry</td>
<td>Word formation</td>
<td>(includes memory verses and hymns)</td>
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<td>Dictionary skills</td>
<td>Rectilinear figures</td>
<td>Surface polygons</td>
<td>Slavery and Secession</td>
<td>Business formulas</td>
<td>Life in Colonial America</td>
<td>Stoichiometry: Elements and Compounds</td>
<td>Verse memorization as a witnessing tool</td>
<td>** Math courses can be taken in a different sequence to meet your scheduling needs.**</td>
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<td>Diction and usage</td>
<td>Circle</td>
<td>Regular polygons and circles</td>
<td>The Civil War</td>
<td>Metric-English conversions</td>
<td>Preparation for Independence</td>
<td>Stoichiometry: Chemical Reactions</td>
<td>Grammar</td>
<td>** Electives can be taken in different grade-level sequences based on your scheduling needs.**</td>
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<td>Library skills</td>
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<td>Reconstruction</td>
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<td>Conflict with England</td>
<td>Gases</td>
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<td>Composition</td>
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<td>A Nation on the Move</td>
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<td>The War for Independence</td>
<td>Chemical Thermodynamics</td>
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<td>Writing process, paragraphs, book reviews, outline, character sketch and analysis, essays, paraphrases, summary, research paper, exposition, classification, extended definition, letter and résumé</td>
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<td>The Triumph of Free Enterprise</td>
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<td>The Critical Period and the Constitution</td>
<td>Light, Electrons, and Atomic Structure</td>
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<td>Life in the Gilded Age</td>
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<td>The Federalist Era</td>
<td>The Periodic Table</td>
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<td>Politics in the Age of Industry</td>
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<td>The Age of Jefferson</td>
<td>The Chemical Bond and Intermolecular Forces</td>
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<td>The Nationalist Era</td>
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Authors such as Melville, Longfellow, Whittier, Dickinson, Sandburg, Frost, Bryant
Selections from Moby Dick, Ben-Hur, Song of Hiawatha, Courtship of Miles Standish
Complete novel: *The Scarlet Letter*

Solutions of right triangles by means of ratios

Depression and the New Deal
World War II
Years of Strength and Stability
Troubled Times
The Reagan Era and the 1990s
America Enters the New Millennium
2000–Present
Current events

* * Mathematics courses can be taken in a different sequence to meet your scheduling needs.

** Electives can be taken in different grade-level sequences based on your scheduling needs.
Twelfth Grade

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,

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

Vocabulary
- Vocabulary lessons

English Literature
- Writers and works from the following periods: Anglo-Saxon, Medieval, Elizabethan, and Puritan Selections from Beowulf,
- 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
- Planes and Surfaces in Three Dimensions
- Polar Coordinates
- Equations Representing Empirical Data
- The First Derivative
- Acceleration and the Second Derivative
- Application of the First and Second Derivative
- The Integral (Anti-Derivative)

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

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
- (Economics Supplement provides personal financial literacy topics throughout the course.)

Physics
Introduction to Physics
- 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, Rotatory Motion

Thermodynamics
- Heat, Laws of Thermodynamics

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

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

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

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

Grains, Breads, and Food Preparation

Serving
- Table Setting, Meal Service, and Etiquette
- Successful Entertaining

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

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

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

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** Electives can be taken in different grade-level sequences based on your scheduling needs.