

## 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  
Essay answers  
Dialogue  
Poems  
Narratives  
Essays

### Vocabulary, Spelling, Poetry

Vocabulary lessons  
Weekly spelling lessons  
Ten poems memorized

### Literature

Reading for enjoyment stories and poems by authors such as Twain, Dickens, Longfellow, Frost, Hawthorne, and 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  
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

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

## 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  
Sins such as adultery, fornication, and homosexuality

## Bible

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

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