

## 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

### Intermediate Mathematics

Maintaining arithmetic skills (see grades 4–6)  
Fractions and decimals  
Factoring  
Using and applying of percent  
Signed number arithmetic  
Introduction to algebra  
Introduction to plane and solid geometry  
Development and use of area and volume formulas

English and metric systems of measurement  
Introduction to probability  
Introduction to statistics  
Constructing and Interpreting Statistical Representations  
Graphing on the Cartesian Plane  
Direct variation  
Powers and roots  
Polynomial arithmetic  
Radicals  
Solving equations

Algebraic word problems  
Inequalities  
Optional fast fact concepts—  
Including factorials, simple interest, discounts and coupons, visual sequences, line symmetry, cross sections of solid figures, tree diagrams, compliment of an event, dependent events, reflections, slope of parallel and perpendicular lines, graphing from slope-intercept form, nonproportional relationships, raising a power to a power

## 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)