

Language Arts

Grammar

Capitalization and punctuation rules, kinds of sentences and diagramming, eight parts of speech and their uses, diagramming eight parts of speech, sentence structure, dictionary skills, usage and diction

Composition

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

Vocabulary, Spelling, Poetry

Vocabulary lessons
Weekly spelling lessons
Ten poems memorized

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; point of view; tone

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*

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 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

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.