



LANGUAGE ARTS

Advanced Function of Words

- Grammar and Parts of Speech
- Phrases, Clauses and Sentence Structure

Advanced Word Study

Sentence Analysis

- Diagramming

Mechanics of Writing

- Mechanical Skills
- Capitalization and Punctuation

Reading Skills

- Working with Sounds
- Following Directions
- Using the Context
- Identifying Inferences
- Getting the Main Idea
- Getting the Facts
- Drawing Conclusions
- Detecting the Sequence
- Locating the Answer

Projects

Book Reports

Writing Skills

- Topic Description
- Bibliography
- Periodicals
- Paraphrasing
- Topic Sentences
- Paragraphs
- Using Fact and Opinion
- Outlines, First Drafts and Revisions, Final Copy
- Introduction and Summary

Poetry

Cue Cards and Visual Aids

Presentation

MATH

Abstraction (Addition and Subtraction)

Multiplication Facts

Abstraction (Multiplication and Division)

Powers

Multiples and Factors

Divisibility

Decanomial

Fractions

- Equivalence
- 3 Types
- Reducing
- +/- Like Denominators
- Fraction / Whole Number Multiplication
- Fraction / Whole Number Division
- Fraction / Fraction Multiplication and Division
- +/- Unlike Denominators
- Cancelling
- Abstraction

Decimals

- Quantity
- Symbol
- Addition and Subtraction
- Abstraction
- Whole Number and Decimal Division
- Abstraction
- Ratio
- Proportion
- Percent

Binomials and Trinomials

Squaring, Square Roots and Cubing

Algebra

- Basic Properties
- Basic Equations
- Positive and Negative Integers
- Scientific Notation
- Rational Numbers
- Equations
- Inequalities

Measurement

- Statistics and Graphs
- Mean, Median, Mode, Range, Frequency and Probability

Geometry

- Lines and Angles
- Polygons, Triangles, Quadrilaterals, Trapezoids, Circles
- Perimeter, Area and Volume
- Transformations: Reflections, Translations and Rotations

SCIENCE

Biology

- 5 – Kingdom Classification
- Vital Functions (Chordates and Non-Chordates)
- Cells
- Human Anatomy

- Vital Functions of Plants
- Outline and Expansion of Botanical Nomenclature

Physical Science

- Elements: Non-Metals, Light-Metals, Heavy Metals, Lanthanide Series
- Atoms
- Molecules and Compounds
- Physics
- Experiments

PREHISTORY AND HISTORY

Society and Civilization

American Aborigines

American Indian Life

Period of Exploration

Colonial Period

The New Nation

Reform and Reconstruction

A World Power

Canadian History

Latin American History

Middle American History

South American History

World Religions

GEOGRAPHY

Physical Geography

- Ways of Combining
- Three States of Matter
- Attraction and Gravity
- Sun and Earth
- Composition of the Earth
- Work of Wind, Air and Water
- Interdependency
- Imports and Exports

Political Geography

- 7 Continents including: States/Countries/Provinces, Capitals, Flags, Mountains, Lakes, Rivers, Landforms, Waterforms, Major Highways, Flora, Fauna

Economic Geography

- North America, South America, United States and Canada
- Natural Resources of the 50 States

ART

Performing Arts (Music, Dance and Drama)

Visual Arts (2-D and 3-D)

Art History and Culture

MOVEMENT

Daily Movement (such as games, martial arts, dance, yoga, hikes and walks downtown)

BOOK LIST

Below is a list of possible books for the age range of nine to twelve years old. These are suggestions; the exact reading list would depend on teacher recommendations, child's ability and areas of interest.

AGES NINE TO TWELVE

The Search for Delicious
Rachel's Journal
The Lion, the Witch, and the Wardrobe
Heidi
The Trumpet of the Swan
Stuart Little
Treasury for Children
Indian Legends
The Sign of the Beaver
The Hardy Boys
Nancy Drew
Lemony Snicket

The Story of Harriet Tubman: Freedom Train
Ben & Me
Johnny Tremain
Little House on the Prairie
Sarah Morton's Day
The Witch of Blackbird Pond
If You Sailed on the Mayflower in 1620
Where Do You Think You're Going, Christopher Columbus?
Children of the Wild West
Island of the Blue Dolphins
Matilda
Red Wall
Hatchet

The Adventures of Robin Hood
D'Aulaires' Book of Greek Myths
Rainbow People
A Wrinkle in Time
Black Stallion
Code Talker: A Novel About the Navajo Marines of World War Two
Harry Potter
Maniac Magee
Wringer