

# LANGUAGE ARTS

## Junior Elementary

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### **History of Writing**

### **Oral Language**

### **Handwriting Development**

Development of manuscript

Development of cursive

### **Word Study A**

Vowels and consonants

Building words phonetically

Silent "e" phonograms

### **Word Study B**

Study of phonograms and diphthongs

Analysis of phonemes

Word Families

Formal Spelling

### **Word Study C**

Syllables

Compounds

Suffix

Prefix

Antonyms

Synonyms

Homonyms, homophones, homographs

Word origins

### **Grammar**

Study of call

Parts of speech classification, symbol, definition

Parsing sentences/phrases

Building sentences/phrase with symbol

### **Sentence Analysis**

Subject – predicate

Simple sentence

### **Dictionary Skills**



# READERS' AND WRITERS' WORKSHOP

## Junior Elementary

### Readers' Workshop

Houghton Mifflin

Reading: Phonological awareness  
Strategies, skills  
Comprehension  
Fluency  
Literature  
Critical thinking  
Analysis

Balanced Literacy: Read Aloud  
Shared Reading  
Shared Writing  
Guided Writing  
Independent Reading  
Independent Writing

### Writers' Workshop

Lucy Calkins

Small Moments: Personal Narrative Writing  
Writing for Readers: Teaching Skills and Strategies  
The Craft of Revision  
Authors as Mentors  
Nonfiction Writing: Procedures and Reports

Poetry

Writing: Capitalization  
Punctuation  
Letter writing  
Creative writing  
Paragraph & Essay

Research Skills: Alphabetizing  
Dictionary skills  
Encyclopedia  
Atlas  
Computer



# MATHEMATICS

## Junior Elementary

### Numbers

Numeration  
Working with hierarchy of number  
Introduction of decimal system

### Operations

All four operations involve a progression that moves from the use of concrete materials to more abstract materials and ultimately to complete abstraction.

Addition with whole numbers static and dynamics  
Subtraction with whole numbers static and dynamics  
Multiplication with whole numbers static and dynamics  
Division with whole numbers static and dynamics  
Word problems  
Critical Thinking  
Rounding  
Averaging  
Estimating

### Memorization

All memorization occurs through repetition of various lessons on a regular basis throughout the three-year cycle. The absorption of "math facts" is an unconscious, ongoing process.

Memorization of facts  
Multiples and factors  
Properties of facts

### Fractions

Introduction  
Addition of fractions with same denominators  
Improper/mixed fractions equivalency  
Multiplication of fractions by whole numbers  
Division of fractions by whole numbers  
Multiplication of unlike fractions



# MATHEMATICS

## *Junior Elementary*

### Geometry

Study of Shapes  
Study of lines  
Study of Angles

### Measurement

Money  
Time  
Metric/Standard Measurement of:  
Length  
Weight  
Volume  
Temperature

### Pre-Algebra

Skills and Concepts:  
Multiples  
Factor  
Prime numbers  
Intro binomial  
Square binomial  
Square of a trinomial  
Squaring Exponents  
Additions with exponents



# Cultural Studies

## Junior Elementary

### Year I

Notion of Time  
Continental of Study (through biomes, cultural, geography, arts)  
America  
Africa  
North America  
South America  
Europe  
Australia  
Asia  
Antarctica

### Year II

Creation Stories  
Big Bang Theory  
Solar System  
Timeline of Time  
Timeline of Life  
Study of Early Man

### Year III

Study of Ancient Civilizations through Basic need, cultural geography  
India  
China/Japan  
Africa  
Greece  
Mesopotamia  
Rome  
Egypt/Middle East  
Vikings/Norse

# GEOGRAPHY

## Junior Elementary

### Year I

#### **Introduction to the Globe:**

Continents/oceans globe  
Land and water forms  
Parts of a Volcano  
Parts of a Flag  
Map skills I

#### **Continent Study:**

Countries  
Capitals  
Flags  
Biomes of Continent (animals, plants, soil, weather, human impact)  
People (food, clothing, transportation, culture, language)  
Biome Research  
Continent Research

### Year II

Review of the continent, oceans and landforms  
Underwater Landforms  
Map skills II:  
Directions on the map  
Map keys  
Scales  
Extensive study of the US States:  
Research of the US states/regions  
Memorization of the capitals  
Using the Atlas  
Cartography

### Year III

Review of continents, ocean, landforms

#### **Study of Earth**

Latitude/Longitude  
Time zones  
Axis and Poles  
Earths revolution/rotation  
Plate Tectonics

#### **Map skills III**

Compass Rose  
Legends  
Keys  
Scales  
Graphing  
Topography  
Cartography

#### **Advanced landform Study**

**US States, capitals, regions**



# SCIENCE

## Junior Elementary

### Year I

Nutrition Study  
Kinds of Living Things  
Weather and Seasons  
Magnets  
Earth's Land and Water  
Keeping Fit and Healthy

### Year II

Nutrition Study  
Parts of the Sun  
Moon Phases  
Interactions of the Living Things  
Energy and Motions  
Changes over Time  
Solids, Liquids and Gases  
Environment  
Using and Saving Resources

### Year III

Nutrition Study  
Life Cycle  
Sun, Moon, and Earth  
Matter, Energy, and Forces  
Roles of Living Things  
Invertebrates  
Food Chains  
Mixtures  
Simple Machines



# ZOOLOGY AND BOTANY

## Junior Elementary

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### **Introduction**

Definition of living, non-living, once alive, classification of life

### **Classification of Five Kingdoms**

#### **Animal Kingdom**

Vertebrates/Invertebrates

#### **Plant Kingdom**

Classification

Study of the seed, plant, flower, leaf





## PEACE STUDIES

### Junior Elementary

- Appreciation of Similarities and Differences
- Team Building and Community
- Foster Confidence and Self-Esteem
- Building Trust
- Creating a Classroom Climate
- Understanding Human Rights
- Introduction to Child's Rights
- What do I do to Make a Better World
- Conservation and Recycling