**LANGUAGE ARTS**  
Junior Elementary

**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
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