



# The Spencer House

Montessori School

13921 NW 146<sup>th</sup> Ave.  
Alachua, FL 32615  
(386) 418-1213  
fax (386) 462-2839

## Curriculum Overview Pre K-2<sup>nd</sup> Grade

### Handwriting:

- Print or cursive letter formations and combinations, correct word spacing, work with metal inserts

### Writing:

- Utilize various strategies to prepare for writing a cohesive paragraph, such as: brain storming, list making, grouping related ideas, mapping
- Write a paragraph with an introduction, supporting ideas and a conclusion
- Write an outline as a guide to report writing
- Write a report following a given, basic format
- Compare and contrast ideas
- Capitalization and punctuation rules
- Rules of agreement for nouns and verbs, nouns and pronouns
- Understanding of and can construct simple and compound sentences
- Computer skills necessary to compose, edit and revise a passage
- Practice cursive letter formations

### Reading:

- Story element work: main characters, conflict, plot, predictions, main idea, implied message sequencing, chronological order of events, author's purpose
- Differentiate between fiction and non-fiction
- Create a story using mapping, graphs and charts to gather information
- Identify fact/opinion, informational and persuasive writing
- Experience reading biographies, journals entries, poems and short stories
- Identify homonyms, synonyms and antonyms
- Differentiate between root words, suffixes, prefixes and their meanings
- Use the dictionary to locate word meanings and their derivations

### Reading Sequence:

- Consonant sounds
- Short vowels
- Consonant blends (l, s, r)

- Digraphs (sh, ch, th, wh, qu, ph)
- Silent e
- R-controlled vowels
- Diphthongs (ai, ay, oa, ow, ee, ea, igh, oo, ui, etc)
- Syllable types and divisions
- Reading comprehension exercises (sequencing, identifying the main idea, simple cause and effect)

### **Language:**

- Word study work
- Contractions
- Compound words
- Synonyms/Antonyms/Homonyms
- Analogies
- Grammar: Basic parts of speech
- Simple capitalization rules
- Rules of a sentence
- Simple paragraphing and letter writing

### **Spelling:**

- Diphthongs (most commonly used)
- The three great suffix rules
- Identify syllable types (open, closed, silent e, r controlled, c-le and diphthong)
- Divide words into syllables
- Sight word/high frequency lists
- Dictation on sounds that correspond to reading sequence and shelf work for reinforcement

### **Math:**

- Numeral-quality correlation
- Odd-even numbers
- Greater/less than
- Operational work, addition and subtraction using regrouping and borrowing
- Relationship between addition and subtractions ( $7+6=13$ ,  $13-6=7$ )
- Fact memorization
- Money equivalencies
- Telling time
- Simple graphs
- Read, write and identify numbers to one million
- Identify proper fractions
- Decimal notation as it relates to money
- Decimal system work, number families
- Compare and order whole numbers, fractions and decimals

- Identify equivalent fractions with the use of materials
- Knows 10, 100, 1000, etc. Is 10 times the previous quantity
- Workable understanding of Roman numerals in reference to the base 10 number system
- Demonstrate through the use of manipulatives the meaning of multiplication and division facts
- Demonstrate the meaning of division problems with remainders
- Utilize strategies such as skip counting, the commutative and distributive properties to calculate multiplication problems
- Solve word problems involving each of the four operations in isolation
- Understand estimation strategies
- Calculate factors and multiples of numbers
- Use a thermometer
- Convert inches to feet, feet to yards, ounces to pounds, etc.
- Calculate monetary equivalencies
- Calculate perimeter, area and volume through the use of manipulatives
- Understanding of probability

### **Geometry:**

- Identify and draw two dimensional figures having up to ten sides
- Basic geometric terminology: parallel, perpendicular, horizontal, vertical, quadrilateral, angle types
- Classify objects as symmetrical, similar, or congruent
- Plot and locate ordered pairs of whole numbers on a graph
- Identify and complete numerical or visual patterns
- Interpret and create graphs

### **Science:**

- Living vs. non-living
- Plant and animal classification work
- Understands the relationship between plant and animal life, its interdependency
- Five vertebrate groups: fish, amphibian, reptile, bird and mammal
- Marine invertebrate groups: poriferan, cnidarians, mollusk, echinoderm and crustacean
- Animal habits
- Parts of a plant, leaf, flower and their functions
- Identify tree, plant types (ex: deciduous, coniferous trees, gymnosperms, angiosperms)
- Can see the common features that plants and animals share (reproduction, respiration, growth)
- Food groups
- Systems of the body: skeletal, digestive, circulatory, nervous, muscular, and respiratory
- Solar system
- Describe forward, circular, and wave motion
- Identify the characteristics of waves: crest, trough, length

- Identify the six types of simple machines: screw, inclined plane, wedge, pulley, level, wheel, and axle
- Understanding objects move according to the force enacted on them
- Understands the day and night changes in duration throughout the year
- Understands relationship between average temperatures and the seasons
- Knows a lunar cycle is 28 days
- Knows the sun is a star nearer to earth than any other
- Knows the position of the planets in relation to the sun and their basic characteristics as we know them today

### **Social Studies:**

- Days of the week, months of the year, seasons
- Land and water: the continents and the oceans
- North American study: political divisions and flags
- Native American Cultures
- Land forms: island-lake, isthmus-strait, peninsula-gulf
- Parts of a flag, the meaning of the American flag
- Introduction of the presidents
- Introduced to types of laws and governments, the role of the people
- Basic globe study
- Understands how cultures are affected by their geographical location
- Understands why some areas on our planet are more densely populated than others
- Understands the effect human activity has on our planet and continues to have
- Can interpret a timeline and create one
- Knows significant achievements, contributories of various past societies
- Identify ancient means of transportation (Roman roads, caravan routes, marine vessels)
- Introduced to the methods of various ancient cultures utilized to write (ex: pictographs, cuneiform, hieroglyphics, alphabets)
- Introduced to how developments in transportation and communication affected the lives of people
- Introduced to types of early civilizations: agrarian, pastoral, and urban; and the roles family members played in each setting
- Knows how trade led to exploration
- Introduced to life during the middle ages
- Topics:
  - Where did Americans come from?
  - Columbus Day, Thanksgiving
  - Famous African Americans
  - Famous Women
  - America's Birthday
  - Basic needs of people
  - What effects how people live