



### **Kindergarten Curriculum**

- English/Language Arts
- Mathematics
- Science
- Social Studies

**English/Language Arts**-This program will consist of speaking, listening, writing, and reading skills. Through our philosophy of learning through play, students will have repeated practice working and playing with letters and sounds as well as writing all the letters. Our goal is to have each student begin to read and write on his/her own by the end of the kindergarten year. Oral language will be developed through speaking and listening skills.

The student:

- identifies front, back, title, and author of a book.
- demonstrates top to bottom, left to right progression
- distinguishes letters from words and words from sentences
- identifies all uppercase and lowercase letters
- demonstrates knowledge of beginning sounds by printing correct letter symbols with corresponding pictures
- orally tells what sound is heard at the beginning and ending of words
- blends CVC sounds aloud to make a word
- rhymes
- counts the number of sounds in a syllable and the number of syllables in a word
- reads one syllable and common words by sight such as "I", "the"
- makes predictions
- demonstrates comprehension of stories by orally retelling or acting
- identifies characters, setting, and main idea of a story
- prints name correctly
- prints alphabet letters legibly without a model
- uses writing (pictures, letters and words) to express own meaning
- writes from left to right and from top to bottom
- writes some simple CVC words spelled correctly and longer words phonetically (as they sound)
- orally states the names of the days of the week and months of the year
- identifies the eight basic colors and reads the corresponding color word
- understands and follows one and two step spoken directions

## **Mathematics**

The student:

- sorts objects into subgroups, classifying and comparing according to rule
- will recognize, model, and write numbers to 20, rote to 30 and beyond, backwards from 10, and ordinals 1-5
- will count by twos, fives, and tens to 50
- recognizes patterns and duplicates or extends them
- begins to understand relationship between quantities (more, less)
- recognizes and describes some attributes of shapes (circle, square, triangle, rectangle, diamond, etc)
- shows understanding of and uses direction, location and position words
- estimates and measures using standard and nonstandard units
- shows interest in common instruments for measuring (balance scales, measuring cups, ruler, yardsticks)
- shows awareness of time concepts (days of the week, months of the year, calendars, clocks, hour only time)
- begins to collect data and make records using graphs
- recognizes coins and \$1.00 and what each is worth
- creates and solves story problems (addition, subtraction)
- begins to understand fractions (divide equally)

## **Science**

Students will engage in scientific thinking which begins with inquiry, leading to observing with the five senses, using scientific tools and equipment and communicating information through speaking, writing, and drawing. Students will be exposed to earth science (properties of rock, soil, water, air, seasons/weather), life science (plants, animals, humans), and physical science (float/sink experiments, magnets and properties).

## **Social Studies**

Students will be exposed to various social studies topics such as self, family, friends, community helpers, the history of holidays such as Thanksgiving, President's Day, Martin Luther King Jr. Day as well as respecting rules and rights of others.

## **Developmental Skills**

Focus will also be on **fine motor skills** (holding pencil and scissor correctly, cutting on lines, and coloring neatly within lines), **gross motor skills** (hops on both feet together, hops on one foot, marches, gallops, skips), and **home skills** (reciting address, telephone number and birth date from memory).

## **Social and Work Habits**

By the end of the kindergarten year, students should put forth best effort in work, take care of school materials, use self-control to follow school rules, work independently, complete work in a reasonable amount of time, follow directions, listen attentively to others, stay on task, and willingly participate in activities.