

## Kindergarten Core Academic Subjects

### **Language Arts**

Kindergarten Language Arts is about setting a strong foundation to allow students to achieve reading and writing success in later years. This will be accomplished by studying the alphabet, phonemic awareness, phonics, concepts of print, high frequency sight words, comprehension strategies and standard writing mechanics.

We accomplish the following goals throughout the year:

- Learning how to properly form the letters of the alphabet in our D'Nealian writing style (pre-cursive)
- Understanding that each consonant and vowel makes its own unique sound
- Learning strategies on how to break down and read CVC and CVCC words
- Understanding how to read and write a sentence from left to right
- Memorize and read at least 60 sight words
- Develop an understanding of story elements and how to create and write our own stories
- Each Kindergartener will be able to write 2 sentences with proper writing mechanics (capitalization rules, proper punctuation, and finger spacing)

### **Math**

Kindergarten Mathematics is about setting a strong foundation in mathematical skills and thinking for the years to come. Students will use manipulatives and prior knowledge of the world around them to create this foundation. An introduction to problem solving and critical thinking will also be huge part of their development. Students will be exposed to the basics of various math topics including: number sense, arithmetic, geometry, and measurement.

We accomplish the following goals throughout the year:

- Learning how to read, write, and count numbers to 30
- Learning to count to 100
- Learning how to skip count by 5s and 10s to 100
- Learning Addition and Subtraction problems within 20
- Learning the names of 3D figures and shapes and how to manipulate them
- Learning how to use a bar graph and pictograph
- Learning how to properly use a ruler to measure to the nearest  $\frac{1}{2}$  inch

## **Science**

Kindergarten Science is an introduction to scientific thinking and skills. We emphasize the importance of learning how to be a scientist and the scientific method. Each child gains an understanding of how the world works around them through hands-on experimentation and diving in to project based learning. Students discover more about their bodies, weather, the Earth and its landforms, how plants grow, planets and outer space, animals and their habitats, and building simple machines.

We accomplish the following goals:

- Learning all the body systems and how they work together
- Learning why weather happens and the water cycle
- Learning about various landforms on Earth and how they are created
- Learning the names of each planet and their characteristics, and how everything in our solar system revolves around the sun
- Learning about the parts of a plant and why things grow
- Learning about the habitats of animals and their adaptations

## **Social Studies**

Kindergarten Social Studies is an introduction to the community, country, and world around them. Students explore topics ranging from themselves and move all the way out to the continents of the world. Students will gain a greater understanding of what is around them, and become more aware of their surroundings outside themselves.

We accomplish the following goals:

- Learning about the unique differences in each of us as individuals
- Learning about different kinds of families
- Exploring all of our holiday traditions
- Learning about what it means to be in a community and who community helpers are
- Exploring our city of San Francisco and its important landmarks
- Learning the geography of California and our important state symbols
- Learning important United States symbols and the geography of the U.S.
- Learning each of the seven continents and about their unique attributes