# California Content Standards
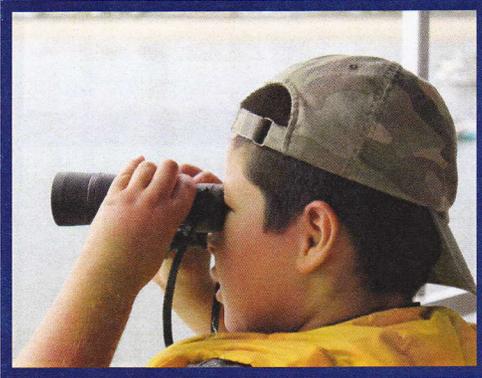
## First Grade

- Students know different plants and animals inhabit different kinds of environments and have external features that help them thrive in different kinds of places. (Life Science 2.a)

- Students will sort objects and data by common attributes and describe the categories. (Mathematics 1.1)

- Students know objects fall to the ground unless something holds them up. (Physical Science 1.e)

- Students know how to infer what animals eat from the shapes of their teeth. (Life Sciences 2.d)

- Students will print legibly and space letters, words and sentences appropriately. (Language Arts, Writing 1.3)

- Students will draw pictures that portray some features, record observations using a bar graph and record observations and data with pictures, numbers, or written statements. (Investigation & Experimentation 4. a. b. c)

- Students represent and compare data by common attributes and describe the categories. (Mathematics: Statistics, Data Analysis, and Probability 1.2)

**Newport Sea Base**
1931 W. Coast Hwy
Newport Beach, CA 92663
(949) 642-5031
www.newportseabase.org
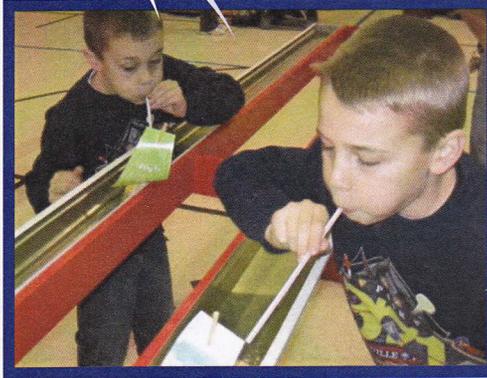
## Second Grade

- Measure the length of an object by selecting and using appropriate tools such as rulers, yardsticks, meter sticks, and measuring tapes. (2.MD.1)

- Students know the position of an object can be described by locating it in relation to another object or to the background. (Physical Sciences 1.a)

- Students know an object's motion can be described by recording the change in position of the object over time. (Physical Sciences 1.b)

- Students know the way to change how something is moving is by giving it a push or a pull. The size of the change is related to the strength, or the amount of force, of the push or pull. (Physical Sciences 1.c)

- Students know magnets can be used to make some objects move without being touched. (Physical Sciences 1.f)

- Students demonstrate map skills by describing the absolute and relative locations of people, places, and environments. (History, People Who Make a Difference 2.2)

- Students will describe and classify plane and solid geometric shapes according to the number and shape of faces, edges, and vertices. (Mathematics, Measurement & Geometry 2.1)

- Students will put shapes together and take them apart to form other shapes (Mathematics, Measurement & Geometry 2.2)

## Third Grade

- Students know living things cause changes in the environment in which they live: some of these changes are detrimental to the organism or other organisms, and some are beneficial. (Life Sciences 3.c)

- Students know when the environment changes, some plants and animals survive and reproduce; others die or move to new locations. (Life Sciences 3.d)

- Students will differentiate evidence from opinion and know that scientists do not rely on claims or conclusions unless they are backed by observations that can be confirmed. (Investigation & Experimentation 5.b)

- Students will predict the outcome of a simple investigation and compare the result with the prediction. (Investigation & Experimentation 5.d)

- Students know examples of diverse life forms in different environments, such as oceans, deserts, tundra, forests, grasslands, and wetlands. (Life Sciences 3.b)

- Students know that some kinds of organisms that once lived on Earth have completely disappeared and that some of those resembled others that are alive today. (Life Sciences 3.e)

- Students will use numerical data in describing and comparing objects, events, and measurements. (Investigation & Experimentation 5.c)

- Students will collect data in an investigation and analyze those data to develop a logical conclusion. (Investigation & Experimentation 5.e)