

# **Grade 3 - Aquarium of the Pacific Related State Content Standards**

## **English-Language Arts**

### LISTENING AND SPEAKING

- 2.0 Speaking Applications (Genres and Their Characteristics)
  - 2.3 Make descriptive presentations that use concrete sensory details to set forth and support unified impressions of people, places, things or experiences.

## **Mathematics**

### STATISTICS, DATA ANALYSIS AND PROBABILITY

- 1.0 Students conduct simple probability experiments by determining the number of possible outcomes and make simple predictions:
  - 1.1 Identify whether common events are certain, likely, unlikely or improbable.

## **Science**

### LIFE SCIENCES

- 3. Adaptations in physical structure or behavior may improve an organism's chance for survival. As a basis for understanding this concept:
  - a. Students know plants and animals have structures that serve different functions in growth, survival, and reproduction.
  - b. Students know examples of diverse life forms in different environments, such as oceans, deserts, tundra, forests, grasslands, and wetlands.
  - c. 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.
  - d. Students know when the environment changes, some plants and animals survive and reproduce; others die or move to new locations.
  - e. 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.

## INVESTIGATION AND EXPERIMENTATION

5. Scientific progress is made by asking meaningful questions and conducting careful investigations. As a basis for understanding this concept and addressing the content in the other three strands, students should develop their own questions and perform investigations. Students will:
  - d. Predict the outcome of a simple investigation and compare the result with the prediction.
  - e. Collect data in an investigation and analyze those data to develop a logical conclusion.