

# BIG BLUE MARBLE

**Lesson Goal:** To understand and compare living things and their habitats through observation.

## Learning Objectives:

- Students will identify and compare various habitats.
- Students will describe food chains.
- Students will identify and compare living and non-living components of an ecosystem.

## Grade Level: 1

### California Science Standards

- LS 2.a. Plant and animals inhabit different environments.
- LS 2.b. Plants and animals need water, food, and light.
- LS 2.c. Plants and animals eat plants or other animals and use them for shelter and nesting.
- LS 2.d. Animals have different teeth.

See accompanying standards correlations.

## ACTIVITIES:

1. On the playfield, play a Habitat game.
2. Walk along Pennington Creek to observe a creek habitat.
3. Visit the Pond to observe an aquatic habitat and its inhabitants.
4. Visit the Bird Blind to observe different birds in a grassland habitat.
5. Visit the Raptor Education Center to see the birds of prey and discuss their habitats.
6. Visit the Habitat classroom and discuss the role of animals in their habitats (food chains).

## VOCABULARY

algae  
food chain  
pond

aquatic  
habitat  
shelter

birds of prey  
living

crayfish  
nesting

creek  
non-living

# **RANCHO EL CHORRO OUTDOOR SCHOOL**

## **BIG BLUE MARBLE – 1st Grade**

### **Standards Correlations**

The following Science standards are addressed in this 1st grade program.

#### **Science Standards**

**LS 2. Plants and animals meet their needs in different ways. As a basis for understanding this concept:**

- 2.a. Students know different plants and animals inhabit different kinds of environments and have external features that help them thrive in different kinds of places.
- 2.b. Students know both plants and animals need water, animals need food, and plants need light.
- 2.c. Students know animals eat plants or other animals for food and may also use plants or even other animals for shelter and nesting.
- 2.d. Students know how to infer what animals eat from the shape of their teeth (e.g., sharp teeth: eats meat; flat teeth: eats plants).

Big Blue Marble also supports the instruction of the following standards:

#### **English Language Arts Standards**

**1.0 Reading: Students understand the basic features of reading.**

- 1.1 Match oral words to printed words.

**1.0 Listening and Speaking Strategies: Students listen critically and respond appropriately to oral communication. They speak in a manner the guides the listener to understand important ideas by using proper phrasing, pitch, and modulation.**

- 1.1 Listen attentively.
- 1.2 Ask questions for clarification and understanding.
- 1.3 Give, restate, and follow two-step directions.