

LINKS TO CALIFORNIA CONTENT STANDARDS
MARINE MAMMAL LAB

Grade Two**Science Standards**Physical Sciences

1.g. Students know sound is made by vibrating objects and can be described by its pitch and volume.

Investigation and Experimentation

4.a. Make predictions based on observed patterns and not random guessing.

4.c. Compare and sort common objects according to two or more physical attributes (e.g., color, shape, texture, size, weight).

4.f. Use magnifiers or microscopes to observe and draw descriptions of small objects or small features of objects.

4.g. Follow oral instructions for a scientific investigation.

English-Language Arts StandardsReading Comprehension*Comprehension and Analysis of Grade-Level-Appropriate Text*

2.4. Ask clarifying questions about essential textual elements of exposition (e.g., *why, what if, how*).

2.5. Restate facts and details in the text to clarify and organize ideas.

Grade Three**Science Standards**Physical Sciences

1.a. Students know energy comes from the Sun to Earth in the form of light.

1.b. Students know sources of stored energy take many forms, such as food, fuel, and batteries.

1.d. Students know energy can be carried from one place to another by waves, such as water waves and sound waves, by electric current, and by moving gas.

Life Sciences

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

Investigation and Experimentation

5.e. Collect data in an investigation and analyze those data to develop a logical conclusion.

English-Language Arts StandardsReading Comprehension*Comprehension and Analysis of Grade-Level-Appropriate Text*

2.2 Ask questions and support answers by connecting prior knowledge with literal information found in, and inferred from, the text.

2.6. Extract appropriate and significant information from the text, including problems and solutions.

Literary Response and Analysis*Narrative Analysis of Grade-Level-Appropriate Text*

3.4. Determine the underlying theme or author's message in fiction and nonfiction text.