

Year-long Backwards Plan

Level One

Unit	Social Studies Standards	Science Standards
Pond Life	<p>1.2 Students compare and contrast the absolute and relative locations of people and places and describe the physical and human characteristics of places by:</p> <p>1.2.1 Using maps and globes to locate their local community, the state of California, the United States, the seven continents, and the four oceans.</p> <p>1.2.2 Comparing the information from a three-dimensional model to a picture of the same location.</p>	<p>Life Sciences</p> <p>1.2 Plants and animals meet their needs in different ways.</p> <p>1.2.1 Plants and animals inhabit different kinds of environments and have external features that help them thrive in different kinds of places.</p> <p>1.2.2 Plants and animals need water; animals need food, plants need light.</p> <p>1.2.3 Animals eat plants or other animals for food and may use plants or other animals for shelter and nesting.</p> <p>1.2.4 How to infer what animals eat from the shapes of their teeth</p> <p>1.2.5 Roots are associated with the intake of water and soil nutrients, green leaves with making food from sunlight.</p>
American Symbols	<p>1.2 Students compare and contrast the absolute and relative locations of people and places and describe the physical and human characteristics of places</p> <p>1.2.1 Using maps and globes to locate their local community, the state of California, the United States, the seven continents, and the four oceans</p> <p>1.2.2 Comparing the information from a three-dimensional model to a picture of the same location</p> <p>1.2.3 Constructing a simple map, using cardinal directions and map symbols.</p> <p>1.3 Students know and understand the symbols, icons, and traditions of the United States that provide continuity and a sense of community across time</p> <p>1.3.1 The Pledge of Allegiance and the songs that express American ideals</p> <p>1.3.2 National holidays and the heroism associated with them.</p> <p>1.3.3 American symbols, landmarks and essential documents such as the flag, the bald eagle, the Statue of Liberty, the U.S. Constitution, and the Declaration of Independence; explain the people and events associated with them</p>	

Weather

- 1.2 Students compare and contrast the absolute and relative locations of people and places and describe the physical and human characteristics of places by;
 - 1.2.1 Using maps and globes to locate their local community, the state of California, the United States, the seven continents, and the four oceans.
 - 1.2.4 Describing how location, weather, and physical environments affect the way people live, including their food, clothing, shelter, transportation, and recreation

Physical Sciences

- 1.1 Materials come in different forms (states) including solids, liquids, and gases. As a basis for this concept, students understand:
 - 1.1.1 Solids, liquids, and gases have different properties
 - 1.1.2 The properties of substances can change when the substances are mixed, cooled, or heated.

Earth Sciences

- 1.3 Weather can be observed , measured and described. As a basis for this concept, students understand:
 - 1.3.1 How to use simple tools to measure weather conditions and record changes from day to day and over the seasons
 - 1.3.2 The weather changes from day to day, but trends in temperature or of rain (or snow) tend to be predictable during a season.
 - 1.3.3 The sun warms the land, air, and water.

Investigation and Experimentation

- 1.4 Scientific progress is made by asking meaningful questions and conducting careful investigations. As a bases for understanding this concept and to address the content in the other strands, students hould develop their own question, and perform investigations. Students will:
 - 1.4.1 Draw pictures that portray features of the thing being described
 - 1.4.2 Record observations and data with pictures, numbers, and/or written statements.
 - 1.4.3 Record observations on a bar graph.
 - 1.4.4 Describe the relative position of objects using two reference.
 - 1.4.5 Make new observation when discrepancies exist between two descriptions of the same object or phenomena.

Life and Times

- 1.1 Students describe the rights and individual responsibilities of citizenship in terms of:
 - 1.1.1 The making of rules by direct democracy and by representative democracy; examples of both in their classroom, school, and community
 - 1.1.2 The elements of fair play and good sportsmanship, respect for the rights and opinion of others, and respect for rules of which we live, including the meaning of the "Golden Rule".
- 1.4 Students compare and contrast everyday life in different times and places around the world and recognize that some aspects of people, places, and things change over time and other stay the same, in terms of:
 - 1.4.1 The structure of schools and communities in the past.
 - 1.4.2 Transportation methods of earlier days.
 - 1.4.3 Similarities and differences in the work (inside and outside the home), dress, manners, stories, games, and festivals of earlier generations, drawing from biographies, oral history, and folklore.