

**Meeting the California Science Standards with the Life Lab Science Program Curriculum**

**CALIFORNIA SCIENCE STANDARDS -- KINDERGARTEN**  
**Grd. No. Sct. California Science Standard Description**

**LIFE LAB SCIENCE PROGRAM**  
**Grd. Units/Modules**

<b>K 1</b>	<b>Properties of materials can be observed, measured and predicted.</b>			
K 1 a.	Objects can be described in terms of the materials they are made of and their physical properties.		K K 2 2	Great Explorations/Exploring Soil Great Explorations/Exploring Water Change Around Us/Investigating Water Change Around Us/Investigating Air
K 1 b.	Water can be a liquid or a solid and can change from one form to the other		2	Change Around Us/Investigating Water
K 1 c.	Water left in open container evaporates, but not in a closed one.		2 2	Change Around Us/Investigating Water Change Around Us/Conserving Resources

<b>K 2</b>	<b>Different types of plants and animals inhabit the Earth. As a basis for understanding this concept, students know:</b>			
K 2 a.	how to observe and describe similarities and differences in the appearance and behavior of plants and of animals (e.g., seed-bearing plants, birds, fish, insects).		K K K 1 1 3 3	Great Explorations/Exploring Soil Great Explorations/Exploring Plants Great Explorations/Exploring Garden Animals Earth is Home/Investigating Seeds Earth is Home/Exploring Animal Life How Things Work/Plants How Things Work/Habitats
K 2 b.	stories sometimes give plants and animals attributes they do not really have.		1 3	Earth is Home/Exploring Animal Life How Things Work/Plants
K 2 c.	how to identify major structures of common plants and animals (e.g., stems, leaves, roots, arms, wings, legs).		K K K 1 1 1 2 2 3 3	Great Explorations/Exploring Soil Great Explorations/Exploring Plants Great Explorations/Exploring Garden Animals Earth is Home/Investigating Seeds Earth is Home/Exploring Plant Life Earth is Home/Exploring Animal Life Change Around Us/Sensing Changes Change Around Us/Investigating Plants How Things Work/Plants How Things Work/Garden Animals

<b>K 3</b>	<b>The Earth is composed of land, air and water. As a basis for understanding this concept, students know:</b>			
K 3 a.	characteristics of mountains, rivers, oceans, valleys, deserts, and local landforms.		3 3	How Things Work/Weather and Climate How Things Work/Habitats
K 3 b.	changes in weather occur from day to day and over seasons, affecting the Earth and its inhabitants.		K 1 3	Great Explorations/Exploring Water Earth is Home/Investigating Weather How Things Work/Weather and Climate
K 3 c.	how to identify resources from the Earth that are used in everyday life, and that many resources can be conserved.		2 2 3	Change Around Us/Investigating Resources Change Around Us/Conserving Resources How Things Work/Weather and Climate

**CALIFORNIA SCIENCE STANDARDS -- KINDERGARTEN**  
**Grd. No. Sct. California Science Standard Description**

**LIFE LAB SCIENCE PROGRAM**  
**Grd. Units/Modules**

<b>K</b>	<b>4</b>	<b>Scientific progress is made by asking meaningful questions and conducting careful investigations. Students should develop their own questions and perform investigations. Students will:</b>		
K	4	a. observe common objects using the five senses.	K 1 1 2 2 3	Great Explorations/Exploring Our Senses Earth is Home/Sensing Our World Earth is Home/Exploring Soil Change Around Us/Sensing Changes Change Around us/Investigating Air How Things Work/Sensory Explorations
K	4	b. describe the properties of common objects.	K K K	Great Explorations/Exploring Soil Great Explorations/Exploring Water Great Explorations/Exploring Plants
K	4	c. describe the relative position of objects using one reference (e.g., above or below)	N/A	
K	4	d. compare and sort common objects based on one physical attribute (such as color, shape, size, etc.)	K K K K 1 1 1 3 3 3	Great Explorations/Exploring Our Senses Great Explorations/Exploring Soil Great Explorations/Exploring Water Great Explorations/Exploring Plants Earth is Home/Sensing Our World Earth is Home/Investigating Seeds Earth is Home/Exploring Animal Life How Things Work/Sensory Explorations How Things Work/Seeds How Things Work/Plants
K	4	e. communicate observations orally and in drawings.	K K K K K	Great Explorations/Exploring Our Senses Great Explorations/Exploring Soil Great Explorations/Exploring Water Great Explorations/Exploring Plants Great Explorations/Expl. Garden Animals