



Flower Power



<u>Performance Expectations</u>	<u>Connections Between EP&Cs, CCCs, and SEPS</u>	<u>Clarifications for DCIs</u>	Relevant EEI Units
<p>K-LS1-1 Use observations to describe patterns of what plants and animals (including humans) need to survive.</p> <p>K-ESS2-2 Construct an argument supported by evidence for how plants and animals (including humans) can change the environment to meet their needs.</p> <p>2-LS4-1 Make observations of plants and animals to compare the diversity of life in different habitats.</p> <p>3-LS3-2 Use evidence to support the explanation that traits can be influenced by the environment.</p> <p>4-LS1-1 Construct an argument that plants and animals have internal and external structures that function to support survival, growth, behavior, and reproduction.</p>	<p style="text-align: center;">Targeted Environmental Principles & Concept(s)</p> <p>Principle III: Natural Systems Change in Ways that People Benefit from and can Influence Natural systems proceed through cycles that humans depend upon, benefit from, and can alter.</p> <p>Concept A. Natural systems proceed through cycles and processes that are required for their functioning.</p> <p>Concept B. Human practices depend upon and benefit from the cycles and processes that operate within natural systems.</p> <p style="text-align: center;">Targeted Crosscutting Concept(s)</p> <p>Cause & Effect Structure and Function</p>	<p style="text-align: center;">Targeted Disciplinary Core Idea(s)</p> <p>K-LS1-1 Organization for Matter and Energy Flow in Organisms All animals need food in order to live and grow. They obtain their food from plants or from other animals. Plants need water and light to live and grow.</p> <p>K-ESS2-2 Biogeology Plants and animals can change their environment.</p> <p>2-LS4-1 Biodiversity and Humans There are many different kinds of living things in any area, and they exist in different places on land and in water.</p> <p>3-LS3-2 Inheritance of Traits; Variation of Traits Other characteristics result from individuals' interactions with the environment, which can range from diet to learning. Many characteristics involve both inheritance and environment; The environment also affects the traits that an organism develops.</p> <p>4-LS1-1 Structure and Function Plants and animals have both internal and external structures that serve various functions in growth, survival, behavior, and reproduction.</p>	<p>K: The World Around Me, A Day in My Life</p> <p>2: Alike and Different, Flowering Parts in Our Changing Environment, From Field to Table, The Dollars and Sense of Food Production</p> <p>3: Structures for Survival in a Healthy Ecosystem, California's Economy: Natural Choices</p> <p>4: The Flow of Energy Through Ecosystems</p> <p>For Elementary EEI units K-5</p>

One Cool Earth (OCE) supports the integration of Next Generation Science Standards (NGSS) three dimensional learning and the Environmental Principles & Concepts (EP&Cs) in their lesson planning. In recognition of A Blueprint for Environmental Literacy and the California State Board of Education, OCE uses the *CA Science Framework*.

	<p>Targeted Science and Engineering Practice(s)</p> <p>Asking Questions Defining Problems Engage in Argument from Evidence</p>		
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