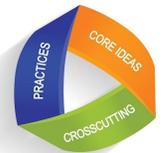




# Buggy Diner



<u>Performance Expectations</u>	<u>Connections Between EP&amp;Cs, CCCs, and SEPS</u>	<u>Clarifications for DCIs</u>	<b>Relevant EEI Units</b>
<p><b>K-LS1-1</b> Use observations to describe patterns of what plants and animals (including humans) need to survive.</p> <p><b>K-ESS3-1</b> Use a model to represent the relationship between the needs of different plants and animals (including humans) and the places they live.</p> <p><b>2-LS4-1</b> Make observations of plants and animals to compare the diversity of life in different habitats.</p> <p><b>3-LS1-1</b> Develop models to describe that organisms have unique and diverse life cycles but all have in common birth, growth, reproduction, and death.</p> <p><b>3-LS4-3</b> Construct an argument with evidence that in a particular habitat some organisms can survive well, some survive less well, and some cannot survive at all.</p>	<p style="text-align: center;"><b>Targeted Environmental Principles &amp; Concept(s)</b></p> <p><b>Principle I: People Depend on Natural Systems</b> The continuation and health of individual human lives and of human communities and societies depend on the health of the natural systems that provide essential goods and ecosystem services.</p> <p>Concept A. The goods produced by natural systems are essential to human life and to the functioning of our economies and cultures.</p> <p>Concept B. The ecosystem services provided by natural systems are essential to human life and to the functioning of our economies and cultures.</p> <p>Concept C. That the quality, quantity, and reliability of the goods and ecosystem services provided by natural systems are directly affected by the health of those systems.</p>	<p style="text-align: center;"><b>Targeted Disciplinary Core Idea(s)</b></p> <p><b>K-LS1-1 Organization for Matter and Energy Flow in Organisms</b> 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><b>K-ESS3-1 Natural Resources</b> Living things need water, air, and resources from the land, and they live in places that have the things they need. Humans use natural resources for everything they do.</p> <p><b>2-LS4-1 Biodiversity and Humans</b> There are many different kinds of living things in any area, and they exist in different places on land and in water.</p>	<p>K: A Day in My Life; The World Around Me</p> <p>1: Surviving and Thriving</p> <p>2: From Field to Table; The Dollars and Sense of Food Production</p> <p>3: California’s Economy: Natural Choices</p> <p>4: Life and Death with Decomposers</p> <p><a href="#">For Elementary EEI units K-5</a></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><b>4-LS1-1</b> Construct an argument that plants and animals have internal and external structures that function to support survival, growth, behavior, and reproduction.</p>	<p><b>Targeted Crosscutting Concept(s)</b> Cause &amp; Effect Patterns</p> <p><b>Targeted Science and Engineering Practice(s)</b> Asking Questions Defining Problems Planning and Carrying out Investigations Analyzing and Interpreting Data</p>		
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