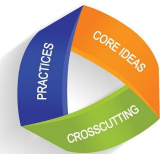




Buggy Diner



<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-ESS3-1 Use a model to represent the relationship between the needs of different plants and animals (including humans) and the places they live.</p> <p>2-LS4-1 Make observations of plants and animals to compare the diversity of life in different habitats.</p> <p>3-LS1-1 Develop models to describe that organisms have unique and diverse life cycles but all have in common birth, growth, reproduction, and death.</p> <p>3-LS4-3 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;">Targeted Environmental Principles & Concept(s)</p> <p>Principle I: People Depend on Natural Systems 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;">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-ESS3-1 Natural Resources 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>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>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>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>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>Targeted Crosscutting Concept(s) Cause & Effect Patterns</p> <p>Targeted Science and Engineering Practice(s) Asking Questions Defining Problems Planning and Carrying out Investigations Analyzing and Interpreting Data</p>		
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