Virtual Field Trips at the Pacific Science Center help support the following Next Generation Science Standards. Please let your instructor know if there is a particular concept or practice listed that you would like emphasized.

<table>
<thead>
<tr>
<th>Program Title</th>
<th>Disciplinary Core Idea</th>
<th>Science and Engineering Practices</th>
<th>Cross-Cutting Concepts</th>
</tr>
</thead>
<tbody>
<tr>
<td>Animal Adventures (PreK-2nd)</td>
<td>LS1.A Structure and Function</td>
<td>Developing and Using Models</td>
<td>Patterns</td>
</tr>
<tr>
<td></td>
<td>LS4.C Adaptation</td>
<td>Engaging in Arguments from Evidence</td>
<td>Structure and Function</td>
</tr>
<tr>
<td></td>
<td>LS4.D Biodiversity and Humans</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>ESS3.A Natural Resources</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Wetland Wonderers (PreK-2nd)</td>
<td>LS1.A Structure and Function</td>
<td>Developing and Using Models</td>
<td>Patterns</td>
</tr>
<tr>
<td></td>
<td>LS1.B Growth and Development of Organisms</td>
<td>Constructing Explanations and Designing Solutions</td>
<td>Structure and Function</td>
</tr>
<tr>
<td></td>
<td>ESS3.A: Natural Resources</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>ESS3.C: Human Impacts on Earth Systems</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ecosystem Investigators (3rd-8th)</td>
<td>LS1.A: Structure and Function</td>
<td>Developing and Using Models</td>
<td>Patterns</td>
</tr>
<tr>
<td></td>
<td>LS1.B Growth and Development of Organisms</td>
<td>Constructing Explanations and Designing Solutions</td>
<td>Cause and Effect</td>
</tr>
<tr>
<td></td>
<td>LS2.B: Cycles of Matter and Energy Transfer in Ecosystems</td>
<td></td>
<td>Stability and Change</td>
</tr>
<tr>
<td></td>
<td>LS2.C: Ecosystem Dynamics, Functioning, and Resilience</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>LS4.C: Adaptation</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>ESS3.C: Human Impacts on Earth Systems</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Featured Creatures (3rd-8th)</strong></td>
<td>LS1.A: Structure and Function</td>
<td>Developing and Using Models</td>
<td>Structure and Function</td>
</tr>
<tr>
<td>----------------------------------</td>
<td>-------------------------------</td>
<td>-----------------------------</td>
<td>------------------------</td>
</tr>
<tr>
<td></td>
<td>LS4.A: Evidence of Common Ancestry and Diversity</td>
<td>Obtaining, Evaluating, and Communicating Information</td>
<td>Patterns</td>
</tr>
<tr>
<td></td>
<td>LS4.C: Adaptation</td>
<td>Analyzing and Interpreting Data</td>
<td></td>
</tr>
<tr>
<td></td>
<td>LS4.D: Biodiversity and Humans</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>ESS1.B: Earth and the Solar System</td>
<td>Engaging in Arguments from Evidence</td>
<td>Patterns</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Obtaining, Evaluating, and Communicating information</td>
<td></td>
</tr>
<tr>
<td><strong>Planetary Geology (K-12th)</strong></td>
<td>ESS1.B: Earth and the Solar System</td>
<td>Asking questions</td>
<td>Patterns</td>
</tr>
<tr>
<td></td>
<td>ESS1.C: The History of Planet Earth</td>
<td>Developing and Using Models</td>
<td>Systems and System Models</td>
</tr>
<tr>
<td></td>
<td>ESS2.A: Earth Materials and Systems</td>
<td>Analyzing and Interpreting Data</td>
<td>Structure and Function</td>
</tr>
<tr>
<td></td>
<td>ESS2.B: Plate Tectonics and Large-Scale System Interactions</td>
<td>Constructing Explanations</td>
<td>Stability and Change</td>
</tr>
<tr>
<td></td>
<td>ESS2.C: The Roles of Water in Earth’s Surface Processes</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>PS4.C: Information Technologies and Instrumentation</td>
<td>Planning and Carrying out Investigations</td>
<td>Scape Proportion and Quantity</td>
</tr>
<tr>
<td></td>
<td>ETS1.A: Defining and Delimiting an Engineering Problem</td>
<td>Analyzing and Interpreting Data</td>
<td>Systems and Systems Models</td>
</tr>
<tr>
<td></td>
<td>ETS1.B: Developing Possible Solutions</td>
<td>Constructions Explanations, Designing solution</td>
<td></td>
</tr>
<tr>
<td>-------------------------------</td>
<td>--------------------------------</td>
<td>--------------------------------</td>
<td>------------------</td>
</tr>
<tr>
<td>Piece of Mind (3rd-8th)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>ESS3.A: Natural Resources</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Stick the Landing (3rd-8th)</td>
<td>ETS1.A: Defining and Delimiting an Engineering Problem</td>
<td>ETS1.B: Developing Possible Solutions</td>
<td>ETS1.C: Optimizing the Design Solution</td>
</tr>
<tr>
<td></td>
<td>PS2.A: Forces and Motion</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>PS2.B: Types of Interactions</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>