

Kindergarten	First Grade	Second Grade
<p><b>K: Storyline 1: Humans and The Needs of Organisms</b></p> <ul style="list-style-type: none"> <li>• Animal Needs</li> <li>• Plant Needs</li> <li>• Reducing Human Impact</li> </ul> <p><b>K: Storyline 2: Dealing with Weather</b></p> <ul style="list-style-type: none"> <li>• Weather Conditions</li> <li>• Measurement of Weather</li> <li>• Weather Hazards</li> </ul> <p><b>K: Storyline 3: Living Things and Their Habitats</b></p> <ul style="list-style-type: none"> <li>• Habitats</li> <li>• Organisms' Impact on Environments</li> <li>• Uses of Natural Resources</li> </ul> <p><b>K: Storyline 4: Using Force to Change Motion</b></p> <ul style="list-style-type: none"> <li>• Pushes and Pull</li> <li>• Speed and Direction</li> </ul> <p><b>K: Storyline 5: Using Sunlight</b></p> <ul style="list-style-type: none"> <li>• Energy from the Sun</li> </ul>	<p><b>1: Storyline 1: Design From Nature</b></p> <ul style="list-style-type: none"> <li>• Parts of Animals</li> <li>• Parts of Plants</li> <li>• Plant Survival</li> <li>• Animal Survival</li> </ul> <p><b>1: Storyline 2: Parents and Their Offspring</b></p> <ul style="list-style-type: none"> <li>• Protecting the Young</li> <li>• Animal Trait Inheritance and Variation</li> <li>• Plant Trait Inheritance and Variation</li> </ul> <p><b>1: Storyline 3: Patterns in the Sky</b></p> <ul style="list-style-type: none"> <li>• Seasonal Patterns</li> <li>• Patterns in Space</li> </ul> <p><b>1: Storyline 4: Communicating with Waves</b></p> <ul style="list-style-type: none"> <li>• Sound</li> <li>• Behavior of Light</li> <li>• Communication</li> </ul>	<p><b>2: Storyline 1: Organisms: Needs and Interactions</b></p> <ul style="list-style-type: none"> <li>• What Plants Need</li> <li>• Animal and Plant Dependence</li> <li>• Diversity of Living Things</li> </ul> <p><b>2: Storyline 2: Dealing With Changes to Earth</b></p> <ul style="list-style-type: none"> <li>• Quick Changes to Land</li> <li>• Slow Changes to Land</li> <li>• Effects of Wind and Water</li> </ul> <p><b>2: Storyline 3: Mapping Land and Water</b></p> <ul style="list-style-type: none"> <li>• Mapping Our World</li> <li>• Forms of Water on Earth</li> </ul> <p><b>2: Storyline 4: Selecting and Using Materials in the Design Process</b></p> <ul style="list-style-type: none"> <li>• Properties and States of Matter</li> <li>• Properties of Materials</li> <li>• Building Blocks of Matter</li> <li>• Changes from Heat</li> </ul>

Third Grade	Fourth Grade	Fifth Grade
<p><b>3: Storyline 1: Lifestyles of Animals</b></p> <ul style="list-style-type: none"> <li>• Life Cycles</li> <li>• Social and Group Behavior</li> </ul> <p><b>3: Storyline 2: Effects on Organisms of Changing Environments</b></p> <ul style="list-style-type: none"> <li>• Inheritance and Variation of Traits</li> <li>• Environmental Traits</li> <li>• Adaptations</li> <li>• Environmental Changes and Effects</li> </ul> <p><b>3: Storyline 3: Organisms Change Over Time</b></p> <ul style="list-style-type: none"> <li>• Plant and Animal Extinction</li> <li>• Fossils</li> <li>• Survival of the Fittest</li> </ul> <p><b>3: Storyline 4: Dealing With Hazardous Weather Worldwide</b></p> <ul style="list-style-type: none"> <li>• Weather and Climate</li> <li>• Processes and Impacts of Natural Hazards</li> </ul> <p><b>3: Storyline 5: Using Magnets to Move Objects</b></p> <ul style="list-style-type: none"> <li>• Objects and Motion</li> <li>• Electric and Magnetic Forces</li> </ul>	<p><b>4: Storyline 1: Plants and Animals Sensing and Interacting</b></p> <ul style="list-style-type: none"> <li>• Plant and Animal Parts</li> <li>• Sense Receptors</li> </ul> <p><b>4: Storyline 2: Changes Over Time to The Earth's Surface</b></p> <ul style="list-style-type: none"> <li>• Rock Patterns</li> <li>• Changing Land</li> <li>• Plants' Effect on Regions</li> <li>• Plate Tectonics</li> </ul> <p><b>4: Storyline 3: Using Earth's Resources</b></p> <ul style="list-style-type: none"> <li>• Renewable and Nonrenewable Resources</li> <li>• Natural Processes</li> </ul> <p><b>4: Storyline 4: Using Energy Transformations</b></p> <ul style="list-style-type: none"> <li>• Transfer of Energy in Collision</li> <li>• Energy and Collision</li> <li>• Energy and Speed</li> <li>• Chemical Processes</li> <li>• Energy and Electric Current</li> </ul> <p><b>4: Storyline 5: Communicating Using Wave Energy</b></p> <ul style="list-style-type: none"> <li>• Motion of Waves</li> <li>• Wavelength and Amplitude</li> <li>• Light Reflection</li> <li>• Information Technologies</li> </ul>	<p><b>5: Storyline 1: Organisms Use of Matter and Energy</b></p> <ul style="list-style-type: none"> <li>• Matter and Energy in Plants</li> <li>• Food Webs</li> <li>• Matter Cycles</li> <li>• Ecosystems</li> <li>• Energy Transfer</li> <li>• Basic Needs</li> </ul> <p><b>5: Storyline 2: Observations of Patterns in Objects in the Sky</b></p> <ul style="list-style-type: none"> <li>• Observing the Stars</li> <li>• Objects in the Sky</li> <li>• Earth's Rotation</li> </ul> <p><b>5: Storyline 3: Human Impact on the Earth's Systems</b></p> <ul style="list-style-type: none"> <li>• Earth's Systems Interactions</li> <li>• Earth's Systems</li> <li>• Water Sources</li> <li>• Human Footprint</li> <li>• Reducing Human Footprint</li> </ul> <p><b>5: Storyline 4: Interactions in Matter</b></p> <ul style="list-style-type: none"> <li>• Matter Is Everywhere</li> <li>• Matter Changing States</li> <li>• Properties of Matter</li> <li>• Mixtures</li> </ul> <p><b>5: Storyline 5: The Force of Gravity</b></p> <ul style="list-style-type: none"> <li>• Gravity</li> </ul>