

## 6th Grade ELL Curriculum Overview

### National Geographic Windows on Literacy Reading Expeditions

6th	Unit	Concepts	Academic Vocabulary	English Acquisition Standards
<b>Science</b>	Environments	<p>Ecosystems: populations, habitats, food chains, and food webs</p> <p>Relationships Between living and non-living parts of the ecosystems</p> <p>Features of the Ocean and the Ocean Floor</p> <p>Weather and Climate</p> <p>Water Cycle</p>	<p>Ecosystem</p> <p>Habitat</p> <p>Food chain</p> <p>Environment</p> <p>Germinate</p> <p>Organism</p> <p>Mantel</p> <p>Atmosphere</p> <p>Float</p> <p>Forecast</p> <p>Compress</p> <p>Denser</p> <p>Weather</p> <p>Sink</p> <p>Forecast</p> <p>Solar Energy</p>	<p>Standard 1: Instructional language:</p> <ul style="list-style-type: none"> <li>• Information gathering</li> <li>• Use of information</li> <li>• Use of multiple resources</li> </ul> <p>Standard 2: the Language of Language Arts:</p> <ul style="list-style-type: none"> <li>• Informational texts</li> <li>• Organization of texts</li> </ul> <p>Standard 3: the language of Math:</p> <ul style="list-style-type: none"> <li>• Area</li> <li>• Data analysis</li> <li>• Descriptive statistics</li> <li>• Patterns &amp; Relationships</li> </ul> <p>Standard 4 the language of Science:</p> <ul style="list-style-type: none"> <li>• Ecology &amp; conservation, Ecosystems</li> <li>• Energy sources,</li> <li>• Foods and nutrition</li> <li>• Geological forms</li> <li>• Scientific inquiry</li> </ul> <p>Standard 5: the Language of Social Studies:</p> <ul style="list-style-type: none"> <li>• Communities</li> <li>• Resources &amp; products</li> </ul>

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<b>Science</b>	Pollution	Global warming; causes and effects  Using energy; usage of natural resources  Conservation of animals and plants  Human attempts to feed the world	Global Warming Environment Atmosphere Ecosystem Energy Conservation Extinct National resources Heat Patterns and relationships Ecology	Standard 1: Instructional language • Health and safety Standard 2: the Language of Language Arts: • Technical texts Standard 3: the language of Math: • Data analysis • Cost and money • Patterns & relationships Standard 4 the language of Science: • Earth history/ materials • Ecology and conservation • Heat • Natural resources Standard 5: the Language of Social Studies: • Communities • Goods & services
<b>Science</b>	Newton's Toy Box	Rules of Motion; using force and motion  Amazing scientist; Newton  What is energy?; improving our lives	Force Friction Motion Displacement Newton Speed Momentum	Standard 1: Instructional language • Information gathering • Organization of texts • Text structure Standard 2: the Language of Language Arts: • Informational texts

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		Forms of Energy	Electromagnetism	<ul style="list-style-type: none"> <li>• Organization of texts</li> <li>• Biographies</li> </ul> Standard 3: the language of Math: <ul style="list-style-type: none"> <li>• Data analysis</li> <li>• Descriptive statistics</li> <li>• Pattern &amp; relationships</li> </ul> Standard 4 the language of Science: <ul style="list-style-type: none"> <li>• Scientific inquiry</li> <li>• Electricity</li> </ul> Standard 5: the Language of Social Studies: <ul style="list-style-type: none"> <li>• Historical events, Figures &amp; leaders</li> </ul>
<b>Science</b>	Mixtures and Solutions	Identifying chemical changes Acids and Bases Learning the states of matter Scientific formulas	Mixtures Solutions Acids Bases Matter Scientific notations Scale Properties Evaporation Chemical change	Standard 1: Instructional language: <ul style="list-style-type: none"> <li>• Following directions</li> <li>• Information gathering</li> </ul> Standard 2: the Language of Language Arts: Information texts Standard 3: the language of Math: <ul style="list-style-type: none"> <li>• Data analysis</li> <li>• Descriptive statistics</li> <li>• Metric systems</li> <li>• Scale</li> </ul> Standard 4 the language of Science: <ul style="list-style-type: none"> <li>• Heat</li> <li>• States of matter</li> </ul>