

**Science Unit Overview**  
**Grade 5**



Unit	Priority Concepts & Skills	Assessment
<b>Cells</b>	<ul style="list-style-type: none"> <li>• Understand that all cells are made of one or more cells</li> <li>• Understand that cells are the basic unit of structure &amp; function in an organism</li> <li>• Understand all cells carry out basic functions to survive</li> <li>• Understand that cells are enclosed in a membrane that allows materials to pass into &amp; out of the cell</li> <li>• Understand that cells are microscopic</li> <li>• Explain different functions of cells</li> </ul>	Classroom projects
<b>Chemistry</b>	<ul style="list-style-type: none"> <li>• Understand that simple chemical reactions will produce new substances that might be indicated by a different state of matter, a color change, or a temperature change of the substances</li> <li>• Understand and explain different states of matter</li> </ul>	Classroom projects
<b>Ecosystems</b>	<ul style="list-style-type: none"> <li>• Understand that energy within an ecosystem originates from the sun</li> <li>• Understand the connection plants &amp; animals have in an ecosystem</li> <li>• Explain &amp; understand different food web models</li> <li>• Understand that ecosystems are impacted by number of organisms and resources available</li> <li>• Understand decomposition and its role in an ecosystem</li> </ul>	Classroom projects