

**Grade 1**  
**Science and Technology**

<b>Understanding Structures and Mechanisms; Materials, Objects and Everyday Structures</b>	
<b>Curriculum Highlights</b>	<b>Teaching Strategies</b>
<p>assess the impact on people and the environment of objects and structures and the materials used in them</p>	<ul style="list-style-type: none"> <li>-daily work and small presentations</li> <li>-class discussions</li> <li>-videos</li> <li>-online and printed resources</li> <li>-computer simulations</li> <li>-community walks</li> <li>-stories</li> <li>-hands on investigations, and problem solving using the scientific method</li> <li>-Scientists in School</li> </ul>
<p>investigate structures that are built for a specific purpose to see how their design and materials suit the purpose;</p>	
<p>demonstrate an understanding that objects and structures have observable characteristics and are made from materials with specific properties that determine how they are used.</p>	
<b>Understanding Matter and Energy; Energy in Our Lives</b>	
<b>Curriculum Highlights</b>	<b>Teaching Strategies</b>
<p>assess uses of energy at home, at school, and in the community, and suggest ways to use less energy;</p>	<ul style="list-style-type: none"> <li>-daily work and small presentations</li> <li>-class discussions</li> <li>-videos</li> <li>-online and printed resources</li> <li>-computer simulations</li> <li>-class field trips</li> <li>-stories</li> <li>-hands on investigations, and problem solving using the scientific method</li> <li>-home and in school interviews/surveys</li> </ul>
<p>investigate how different types of energy are used in daily life;</p>	
<p>demonstrate an understanding that energy is something that is needed to make things happen, and that the sun is the principal source of energy for the earth.</p>	

## Social Studies

<b>Canada and World Connections: The Local Community</b>	
<b>Curriculum Highlights</b>	<b>Teaching Strategies</b>
recognize that communities consist of various physical features and community facilities that meet human needs;	-daily work and presentations -class discussions
use a variety of resources and tools to gather, process, and communicate information about the distinguishing physical features and community facilities in their area;	-videos -online and printed resources -computer mapping applications
describe how people in the community interact with each other and the physical environment to meet human needs.	-class field trips/ community walks -stories -parent/ community guest speakers