

## Some Sample Student Learning Outcomes

<b>Early Years (K to 4)</b> <b>Students will...</b>	<b>Middle Years (5 to 8)</b> <b>Students will...</b>	<b>Senior Years (S1 to S4)</b> <b>Students will...</b>
<p>Investigate and compare properties of familiar solids. Include: have mass/weight, take up space, maintain their shape</p> <p>Conduct experiments to determine how different soils affect the growth of plants. <i>Examples: compare the same type of plant grown in sand versus potting soil...</i></p> <p>Use the design process to construct a game, toy, or useful device that uses gravitational, magnetic, or electrostatic forces.</p>	<p>Describe the types of nutrients in foods and their function in maintaining a healthy body. Include: carbohydrates, proteins, fats, vitamins, minerals.</p> <p>Propose a course of action to protect the habitat of a particular organism within an ecosystem. <i>Examples: protect the nesting habitat of a given bird in a local wetland...</i></p> <p>Demonstrate proper use and care of the microscope to observe the general structure of plant and animal cells.</p>	<p>Discuss current and potential applications and implications of biotechnologies including their effects on personal and public decision making. Include: genetic engineering, genetic screening, cloning, DNA, Fingerprinting...</p> <p>Investigate ways in which Canada participates in space research and in international space programs and then use the decision-making process to address a related issue. <i>Examples: International Space Station, Canadarm...</i></p> <p>Investigate and describe qualitatively the relationship between current, voltage, and resistance in a simple electrical circuit.</p>

