

SCIENCE & TECHNOLOGY 11

Aboriginal Learning Outcomes

MINISTRY OF EDUCATION
2008

Science and Technology 11

Agriculture

<u>PRESCRIBED LEARNING OUTCOMES</u>	<u>SUGGESTED ACHIEVEMENT INDICATORS</u>
<p><i>It is expected that students will:</i></p> <p>A3 Evaluate different methods, including those from Aboriginal cultures, of food production, processing, and preservation</p>	<p><i>The following set of indicators may be used to assess student achievement for reach corresponding prescribed learning outcome.</i></p> <p><i>Students who have fully me the prescribed learning outcomes are able to:</i></p> <ul style="list-style-type: none"><input type="checkbox"/> Identify standards set locally and provincially for the safe handling of food presented for local consumption<input type="checkbox"/> Describe different methods of processing food material (e.g., canning, irradiation, slating, smoking, pickling)<input type="checkbox"/> Evaluate different methods of processing or producing the same food produce (e.g., irradiation vs. freezing, fish farming vs. wild stock)<input type="checkbox"/> Debate the pros and cons of organic vs. non-organic food production

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Health

<u>PRESCRIBED LEARNING OUTCOMES</u>	<u>SUGGESTED ACHIEVEMENT INDICATORS</u>
<p><i>It is expected that students will:</i></p> <p>D3 Evaluate different societal perspectives on the development and use of medical technologies including:</p> <ul style="list-style-type: none">- Cultural- Local- Provincial- National- International	<p><i>The following set of indicators may be used to assess student achievement for reach corresponding prescribed learning outcome.</i></p> <p><i>Students who have fully met the prescribed learning outcomes are able to:</i></p> <ul style="list-style-type: none"><input type="checkbox"/> Describe the influence of traditional Aboriginal healing practices on modern medicine (e.g., leaching, aspirin)<input type="checkbox"/> Describe links between social behaviour, beliefs and norms and common illnesses and medical conditions<input type="checkbox"/> Identify issues that involve the application of medical technologies from various viewpoints (e.g., sex determination, genetic engineering, blood transfusion)<input type="checkbox"/> Debate the use of a specific medical technology.

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Space Exploration

<u>PRESCRIBED LEARNING OUTCOMES</u>	<u>SUGGESTED ACHIEVEMENT INDICATORS</u>
<p><i>It is expected that students will:</i></p> <p>I1 Identify recent contributions, including Canada's, to the development of space exploration technologies.</p>	<p><i>The following set of indicators may be used to assess student achievement for reach corresponding prescribed learning outcome.</i></p> <p><i>Students who have fully met the prescribed learning outcomes are able to:</i></p> <ul style="list-style-type: none"><input type="checkbox"/> Describe Aboriginal beliefs, particularly those of B.C. First Nations, related to cosmological structures<input type="checkbox"/> List astronomical concepts used before the scientific and technological age (e.g., Stonehenge, Mayan calendar, use of Polaris for navigation, Chinese prediction of lunar and solar eclipse)<input type="checkbox"/> Outline scientific and technological innovations, particularly those of recent Canadian origins, that contribute to our understanding of space (e.g., telescopes, parallax, Canadarm, filters).