

## Curriculum Connections

### BC's Mountain Dinosaur

#### Inquiry Questions to guide exploration of BC's Mountain Dinosaur

- How and why has the Earth's climate changed over time?
- How have the landscapes and habitats of British Columbia changed since the time of the dinosaurs?
- How has life evolved in British Columbia over time?
- How does fossil evidence support the theory of evolution over geological time?
- How do palaeontologists discover and interpret evidence about ancient life on earth?
- What do you think British Columbia will be like millions of years from now? (Based on what we know about plate tectonics, climate change, geology and evolution)

#### Curricular Connections between Science Grade 7 and the BC's Mountain Dinosaur

Big Idea	Content	Learning Portal Connections
Earth and its climate have changed over geological time.	<ul style="list-style-type: none"> <li>• Evidence of climate change over geological time and the recent impacts of humans</li> <li>• The fossil record provides evidence for changes in biodiversity over geological time</li> <li>• The geologic time scale categorizes the time periods of Earth's geologic history</li> <li>• Ages of rocks and fossils can be determined by both relative and absolute methods</li> <li>• Change in climate affects the</li> </ul>	<p><b>Overview</b></p> <p><b>Read:</b> <i>A Bone to Pick, Reading Rocks</i></p> <p><b>Watch:</b> <i>Journey of a Fossil</i></p> <p><b>Listen:</b> All audio recordings support this Big Idea</p> <p><b>Look:</b> All galleries support this Big Idea</p>

# LEARNING PORTAL



Big Idea	Content	Learning Portal Connections
	interconnectedness of plants and animals and their local environment	
Evolution by natural selection provides an explanation for the diversity and survival of living things.	<ul style="list-style-type: none"><li>• Organisms have evolved over time</li><li>• Natural selection: the natural process by which certain traits that have a greater fitness for their environment lead to a reproductive advantage; this process happens within a population over time because of genetic variation</li></ul>	<b>Overview</b>  <b>Read:</b> <i>The Iron Lizard, Reading Rocks</i>  <b>Listen:</b> <i>Fossil Vertebrate Collection</i>  <b>Look:</b> All galleries support this Big Idea