Arctic Biodiversity Learning Outcomes

These programs support the Prescribed Learning Outcomes of the B.C. Ministry of Education's Integrated Resource Packages (IRPs) and the Aquarium's conservation mission. We have listed both the current curriculum and the draft curriculum from the Ministry.

Grade 4

- The motions of the Earth and the moon cause observable patterns that affect living and non-living systems (*Science: Big Ideas*)
- Biomes as large regions with similar environmental features (*Science: Content*)
- The way organisms in ecosystems sense and respond to their environment (*Science: Content*)
- Local changes caused by Earth’s axis, rotation, and orbit (*Science: Content*)
- Identify First Peoples perspectives and knowledge as sources of information (*Science: Curricular Competencies*)
- The impact of colonization on First Peoples societies in...Canada (Social Studies: content)

Grade 5

- Identify First Peoples perspectives and knowledge as sources of information (*Science: Curricular Competencies*)
- First People’s concepts of interconnectedness in the environment (*Science: Content*)
- First Peoples knowledge of sustainable practices (*Science: Content*)
- Canada’s policies and treatment of minority peoples have negative and positive legacies (Social Studies: Big Ideas)
- First People’s land ownership and use (Social Studies: content)
- Make ethical judgments about...actions that consider the conditions of a particular time and place, and assess appropriate ways to respond (Social studies: curricular competencies)

Grade 6

- Multicellular organisms rely on internal systems to survive, reproduce, and interact with their environment (*Science: Big Ideas*)
- Identify some of the social, ethical, and environmental implications of the findings from their own and other’s investigations (*Science: Curricular Competencies*)
- Identify First Peoples perspectives and knowledge as sources of information (*Science: Curricular Competencies*)
- Economic policies and resource management, including effects on indigenous peoples (Social Studies: content)
• Make ethical judgments about...actions that consider the conditions of a particular time and place, and assess appropriate ways to respond (Social studies: curricular competencies)

Grade 7

• Earth and its climate have changed over geological time (*Science: Big Ideas*)
• Survival needs of organisms (*Science: Content*)
• First Peoples knowledge of changes in biodiversity over time (*Science: Content*)
• Evidence of climate change over geological time and the recent impacts of humans (*Science: Content*)
• Identify some of the social, ethical, and environmental implications of the findings from their own and other’s investigations (*Science: Curricular Competencies*)
• Human responses to particular geographic challenges and opportunities, including climates, landforms, and natural resources (Social Studies: content)
• Make ethical judgments about...actions that consider the conditions of a particular time and place, and assess appropriate ways to respond (Social studies: curricular competencies)