

Freshwater Conservation Outcomes

Grade 5 Science

Outcome: MC5.1 Physical Science: Properties and Changes of Materials

Investigate the characteristics and physical properties of materials in solid, liquid, and gaseous states of matter. [CP, SI]

Outcome: MC5.3 Physical Science: Properties and Changes of Materials

Assess how the production, use, and disposal of raw materials and manufactured products affects self, society, and the environment. [DM, SI]

Grade 7 Science

Outcome: IE7.3 Life Science: Interactions within Ecosystems

Evaluate biogeochemical cycles (water, carbon, and nitrogen) as representations of energy flow and the cycling of matter through ecosystems. [CP,SI]

Outcome: IE7.4 Life Science: Interactions within Ecosystems

Analyze how ecosystems change in response to natural and human influences, and propose actions to reduce the impact of human behaviour on a specific ecosystem. [DM, CP]

Outcome: MS7.3 Physical Science: Mixtures and Solutions

Investigate the properties and applications of solutions, including solubility and concentration. [SI, DM]

Grade 8 Science

Outcome: WS8.1 Earth and Space Science: Water Systems on Earth

Analyze the impact of natural and human-induced changes to the characteristics and distribution of water in local, regional, and national ecosystems. [CP,DM]

Outcome: WS8.2 Earth and Space Science: Water Systems on Earth

Examine how wind, water, and ice have shaped and continue to shape the Canadian landscape. [DM, SI]

Outcome: WS8.3 Earth and Space Science: Water Systems on Earth

Analyze natural factors and human practices that affect productivity and species distribution in marine and fresh water environments. [CP, DM, SI]

Grade 10 Science

Outcomes SCI10-CD1 Climate and Ecosystems Dynamics

Assess the consequences of human actions on the local, regional, and global climate and the sustainability of ecosystems.

Environmental Science 20 (Draft)

Outcome ES20-HP1 Human Population

Investigate resource use and waste generation associated with human populations as well as methods and technologies used for mitigation or management.

Outcome ES20-AE1 Aquatic Systems

Analyze the biotic and abiotic factors that provide criteria to determine the health of aquatic systems.

Outcome ES20-AE2 Aquatic Systems

Recognize the mechanisms and importance of watersheds in aquatic systems.