



Quebec, Canada Science Standards- Cycle 1 Science and Technology

COMPETENCY 1 Seeks answers or solutions to scientific or technological problems

COMPETENCY 2 Makes the most of his/her knowledge of science and technology

COMPETENCY 3 Communicates in the languages used in science and technology

The Earth Force curriculum fits well within the following units and their cultural references:

The Material World

General Concept: Properties

Possible Cultural References:

Environment

- Climate adaptation technology
- Water pollution
- Wastewater treatment
- Drinking water
- Waste management
- Acid rain

The Living World

General Concept: Diversity of life forms

Possible Cultural References:

Natural and Community Resources

- Wildlife and plant life in Québec
- Miguasha Park
- Biodôme de Montréal
- Zoos
- Botanical gardens
- Aquariums
- Museums of natural history Environment
- International treaties on environmental protection
- Management of forest resources
- Protected areas
- Biogeographic regions of Québec

The Earth and Space

General Concept: General characteristics of Earth

Possible Cultural References:

Environment

- Water as a resource (e.g. St. Lawrence, lakes and rivers in Québec, Great Lakes)
- Québec's natural resources (mines, forests)
- Climate change
- Deforestation
- Erosion of agricultural land

The Technological World

General Concept: Technological Systems

Possible Cultural References:

Production and Transportation of Energy

- Energy production systems (dam, thermal power plant, wind power plant)
- Waterworks, gas and oil pipelines