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