Pathway
to Stewardship & Kinship

Pathway Links to the Ontario Curriculum
Grade Seven

The Arts (2009)

Dance

- Construct personal interpretations of the messages in their own and others' dance pieces including messages relevant to their community and/or the world and communicate their responses in a variety of ways; describe the evolution of dance.

Visual Art

- Create art works using a variety of traditional forms and current media technologies that express feelings, ideas and issues, including opposing points of view;
- Identify and describe some of the ways in which visual art forms and styles reflect the beliefs and traditions of a variety of cultures and civilizations.

Physical Education (2010)

- Actively participate in a wide variety of program activities, according to their capabilities;
- Demonstrate an understanding of the factors that contribute to their personal enjoyment of being active as they participate in a diverse range of physical activities in a variety of indoor and outdoor environments;
- Identify factors that can affect health-related fitness;
- Demonstrate behaviours and apply procedures that maximize their safety and that of others.

Science and Technology (2007)

Understanding Life Systems: Interactions in the Environment

- Assess the impact of human activities and technologies on the environment, and evaluate ways of controlling these impacts;
- Demonstrate an understanding of an ecosystem;
- Design and construct a model ecosystem (e.g. a composter, a classroom terrarium, a greenhouse), and use it to investigate interactions between the biotic and abiotic components in an ecosystem;
- Identify biotic and abiotic elements in an ecosystem and describe the interactions between them;
- Describe the roles and interactions of producers, consumers, and decomposers within an ecosystem;
- Describe the transfer of energy in a food chain and explain the effects of the elimination of any part of the chain;
- Describe how matter is cycled within the environment and explain how it promotes sustainability;
- Describe ways in which human activities and technologies alter balances and interactions in the environment;
- Describe Aboriginal perspectives on sustainability and describe ways in which they can be used in habitat and wildlife management.

Understanding Structures and Mechanisms: Form and Function

- Analyse personal, social, economic and environmental factors that need to be considered in designing and building structures and devices

Understanding Earth and Space Systems: Heat in the Environment

- Assess the costs and benefits of technologies that reduce heat loss or heat-related impacts on the environment;
- Assess the social and environmental benefits of technologies that reduce heat loss or transfer (e.g. insulated clothing, building insulation, green roofs, energy-efficient buildings);
- Assess the environmental and economic impacts of using conventional (e.g. fossil fuel, nuclear) and alternative forms of energy (e.g. geothermal, solar, wind, wave, biofuel).

Geography (2004)

- Describe positive and negative ways in which human activity can affect resource sustainability and the health of the environment.

Mathematics (2005)

- Collection and analysis of data.

History (2004)

- Illustrate the historical development of their local community;
- Describe and analyze conflicting points of view about a series of historical events.