



Brightwater Site

Possible Ethno-Botany Curricular Connections with Sandra Walker

Below are possible curricular connections that Sandra can help you meet through inquiry and program design.

Grade 7 Science

Interaction within ecosystems

- IE7.1 Relate key aspects of Indigenous knowledge to their understanding of ecosystems
- IE7.2 Observe. Illustrate & analyze living organisms within local ecosystems as part of interconnected food webs, populations and communities
- IE7.3 Evaluate biogeochemical cycles as representations of energy flow and cycling of matter through ecosystems
- IE7.4 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

Mixture and Solutions

- MS7.1 distinguish between pure substances and mixture using the particle model of matter
- MS7.2 Investigate methods of separating the components of mechanical mixtures and solutions and analyze impact of industrial and agricultural applications of those methods
- MS7.3 Investigate the properties and applications of solutions. Including solubility and concentration

Heat and Temperature

- HT7.1 Assess the impact of past and current heating and cooling technologies related to food clothing and shelter on self, society and environment.
- HT7.2 Explain how understanding differences between states of matter and the effects of heat on changes in state provide evidence for particle theory
- HT7.3 Investigate principles and applications of heat transfer via processes of conduction

Earth and Space Science

- EC7.3 Investigate the characteristics and formation of the surface geology of Sask including soil and identify correlations between the surface geology and past, present and possible future land uses.

Social Studies Grade 7

Interactions and Interdependence of Nations

- IN7.2 Examine the effects of globalization on the lives of people in Canada and in circumpolar.
- IN7.3 Analyze the relationship of technology to globalization

Dynamic Relationships

- DR7.1 Analyze use various types of maps that provide differing perspectives and information for differing purposes.
- DR7.3 Analyze the relationship between current and historical events and physical and social environments

Resources and Wealth

- RW7.1 Explain the role of barter, trade and sharing in traditional economies
- RW7.2 Investigate the influence of resources upon economic conditions of people
- RW7.3 Assess the ecological stewardship of economies of Canada