

**CURRICULUM CONNECTIONS**

This section is for educators who want more specific information regarding the Grade 2 curriculum for each activity in *Ways of Knowing: Little Moccasin's Boat Adventure*.

**Grade 2: Table of Knowledge Outcomes**

Activity	Unit	SLE-Knowledge Outcomes
Activity 1 - Let's Go Fishing	Buoyancy and Boats	SLE 1: Describe, classify, and order materials based on their buoyancy.  SLE 2: Alter or add to a floating object so that it will sink, alter or add to a nonfloating object so that it will float.
Activity 2 - Trouble in the Water	Buoyancy and Boats	SLE 6: Evaluate the appropriateness of various materials to the construction of watercraft, in particular: - the degree to which the material is waterproof (not porous) - the ability to form waterproof joints between parts - the stiffness or rigidity of the material - the buoyancy of the material
Activity 3 - Floaters and Sinkers	Buoyancy and Boats	SLE 1: Describe, classify, and order materials based on their buoyancy.  SLE 2: Alter or add to a floating object so that it will sink, alter or add to a nonfloating object so that it will float.
Activity 4 - Carrying a Load	Buoyancy and Boats	SLE 3: Assemble materials so they will float, carry a load and be stable in water.  SLE 9: Explain why a given material, design or component is appropriate to the design.
Activity 5 - What Makes a Kayak?	Buoyancy and Boats	SLE 6: Evaluate the appropriateness of various materials to the construction of watercraft, in particular: - the degree to which the material is waterproof (not porous) - the ability to form waterproof joints between parts - the stiffness or rigidity of the material - the buoyancy of the material

Activity 6 - Boats and Bodies of Water	Buoyancy and Boats	<p>SLE 7: Develop or adapt methods of construction that are appropriate to design task.</p> <p>SLE 8: Adapt the design of a watercraft so that it can be propelled through water.</p> <p>SLE 9: Explain why a given material, design or component is appropriate to the design.</p>
Activity 7 - Don't Rock the Boat	Buoyancy and Boats	<p>SLE 4: Modify a watercraft to increase the load it will carry.</p> <p>SLE 5: Modify a watercraft to increase its stability in water.</p>

### Cross-Curricular Connections

This crate has connections to the Social Studies curricula. The following outcomes are addressed either directly or indirectly through the journal entries and seven activities:

- 2.1.1 Students will appreciate the diversity and vastness of Canada's lands and peoples.
- 2.1.1 Students will value oral history and stories as ways to learn about the land.
- 2.1.2 Where are the Inuit, Acadian and prairie communities located in Canada?
- 2.1.3 What are the cultural characteristics of the communities (e.g., special symbols, landmarks, languages spoken, shared stories or traditions, monuments, schools, churches)?
- 2.2.1 Students will appreciate how stories of the past connect individuals and communities to the present.