Kindergarten

**Acorns for Wilaiya**

Wilaiya is from a Coast Salish community. Her grandma helps Wilaiya learn about numbers and nature at the park.

FNIM Connections:

* Understanding our interconnectedness with land and nature
* The importance of family and elders

Math Connections

* BI: Numbers tell us how many and how much
* MF: count to sets to 10; compare sets to 10

**Let’s Play Waltes**

Callie has lots of fun learning to play a traditional Mi’kmaq game with her grandfather

Indigenous Connections:

* Learning our histories from elders
* Games reflect the resources we had in our communities

Math connections

* BI: Numbers are related in many ways
* MF: count and compare to 10; compose and decompose to 10

**We Can Bead**

A grandmother shares with her grandson her traditional craft of beading.

Indigenous Connections:

* Understanding the connection to land and place and the resources it yields
* Significance for experiential learning

Math Connections:

* BI: Patterns can be described mathematically
* MF: describe, extend, and create repeating patterns; sort objects by attributes

Grade 1

**A Family Cookout**

Join a Dene family at their cookout campsite. Find out what makes this a very special day!

Indigenous connections:

* The importance of giving thanks to Mother Earth
* The importance of generosity

Math Connections

* BI: numbers are related in many ways
* MF: Compare and order quantities to 25; estimate and count to 50

**Canada’s Oldest Sport**

Mom takes her kids to a lacrosse game. They are proud that this popular game was first played by First Nations people.

Indigenous Connections:

* Recognizing the contributions of Indigenous peoples is important
* Engaging in activities that relate directly to one’s culture builds a strong sense of personal and cultural activity

Math Connections:

* BI: Quantities and numbers can be added and subtracted to determine how many or how much
* MF: Add and subtract to 20; compare and order sets to 20

**Memory Book**

A collection of photos helps Art remember the good times he had with Aunty in his Shuswap home before he moved to the city.

Indigenous Connections:

* The Importance of learning from family and community
* The importance of recognizing the interconnectedness of the land and its people

Math Connections

* BI: Objects can be located in space and looked at from different perspectives
* MF: locate and map objects in the environment; investigate 2-D shapes and 3-D solids

Grade 2

**Back to Batoche**

Afamily enjoys many different activities at the Back to Batoche Metis festival.

Indigenous connections:

* Cultural symbols and language are important
* Cultural events and activities are important

Math Connections:

* BI: quantities and numbers can be grouped by units or split into units
* MF: Group quantities based on units of 10; compare/order numbers to 100

**The Great Dogsled Race**

Natalie’s dad is competing in a dogsled race in Nunavut. Natalie usually goes with him, but this time she stays home for a very special reason.

Indigenous Connections:

* It is important to treat animals with respect
* It is important to get out on the land and learn to read the land

Math Connections

* BI: Quantities and numbers can be added and subtracted to determine how many or how much
* MF: add/subtract to 100; compare/order numbers

**Marsh Watch**

Josh uses surveys and graphs to show people in his Anishinaabe community the importance of protecting a marsh he loves.

Indigenous Connection

* Valuing the land, nature and the outdoors

Math Connections

* BI: Collecting and displaying data can help us predict and interpret situations.
* MF: Collect, organize, and display data in graphs. Read and ask questions about graphs.

**Sharing Our Stories:**

Sarah is at a powwow near Edmonton, Alberta, with her family. What will she see and hear? What will she learn?

Indigenous Connections

* Understanding and engaging in cultural activities creates positive identity
* We learn traditional teachings when engaging in cultural events

Math Connections

* BI: Shapes and solids can be transformed in many ways.
* MF: Explore lines of symmetry in 2-D shapes. Explore 2-D shapes.

**Pattern Quest**

This book shows a collection of Indigenous artwork from across Canada. Can you spy the patterns in each item?

Indigenous Connections:

* Understanding that FNMI art reflects the culture and values of indigenous peoples
* Appreciating works of art and artistic traditions from diverse cultures, communities, times, and places

Math Connections:

* BI: Patterns can be described mathematically.
* MF: Investigate repeating patterns. Investigate growing and shrinking patterns.

**Kookum’s Bannock**

Dawn and Peter learn how to make bannock for Kokum's birthday celebration. But is there enough for everyone at the party?

Indigenous Connections:

* learning with elders and community members passes down important teachings
* experiential learning is frequently away young ones learned from elders and community members

Math Connections

* BI: Symbols and expressions can be used to represent mathematical relations.
* MF: Model and describe equality and inequality. Explore properties of addition and subtraction.

Grade 3

**Calla’s Jingle Dress**

Calla and Grandma enjoy making Calla’s first jingle dress for the powwow at the Plains Cree community of Poundmaker:

Indigenous Connections:

* Family, elders and community members are all important
* Traditions and community celebrations are significant

Math Connections

* BI: quantities and numbers can be multiplied (by grouping units) and divided (by splitting into units) to determine how many
* MF: multiply and divide to 50; add and subtract to 100

**Goat’s Island**

Learn how changes in nature can be measured all year round on Goat Island, part of the Mi'kmaw community of Eskasoni.

Indigenous Connections:

* Traditional teachings occur when engaging with the land, nature and the outdoors with elders and community members

Math Connections:

* BI: Units can be used to measure and compare attributes.
* MF: Measure time, temperature, and length. Explore units of measure and their relationships.