

Mathology Indigenous Resources

16 Titles Written by Canadian Indigenous Authors and Educators

Also available in French (go to www.pearsoncanada.ca/catalogues).

Accompanying Teacher's Guides provide extra support for making relevant Indigenous connections, as well as math connections.

Kindergarten – Title Packs include 4 copies of student Little Book and 1 Teacher's Guide

These Title Packs are part of Mathology Little Book Grade Packs and Lap Book Packs found on page 13 of this catalogue.

Acorns for Wilaiya

Indigenous Connections:

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



Math Connections:

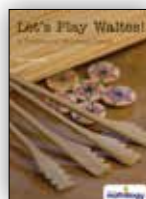
- Big Idea: Numbers tell us how many and how much.
- Math Focus: count sets to 10; compare sets to 10

9780134597614 | \$55.00

Let's Play Waltes!

Indigenous Connections:

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



Math Connections:

- Big Idea: Numbers are related in many ways.
- Math Focus: count and compare to 10; compose and decompose to 10

9780134597645 | \$55.00

We Can Bead!

Indigenous Connections:

- Understanding the connection to land and place and the resources they yield
- The significance of experiential learning



Math Connections:

- Big Idea: Patterns can be described mathematically.
- Math Focus: describe, extend, and create repeating patterns; sort objects by attributes

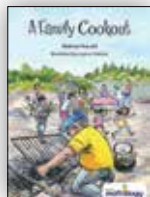
9780134821399 | \$55.00

Grade 1 – Title Packs include 5 copies of student Little Book and 1 Teacher's Guide

A Family Cookout

Indigenous Connections:

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



Math Connections:

- Big Idea: Numbers are related in many ways.
- Math Focus: compare and order quantities to 25; estimate and count to 50

9780134597713 | \$65.50

Canada's Oldest Sport

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 identity



Math Connections:

- Big Idea: Quantities and numbers can be added and subtracted to determine how many or how much.
- Math Focus: add and subtract to 20; compare and order sets to 20

9780134596303 | \$65.50

Memory Book

Indigenous Connections:

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



Math Connections:

- Big Idea: Objects can be located in space and looked at from different perspectives.
- Math Focus: locate and map objects in the environment; investigate 2-D shapes and 3-D solids

9780134821481 | \$65.50

At the Corn Farm

Indigenous Connections:

- The importance of working together/collaboration
- Corn as a historic staple



Math Connections:

- Big Idea: Quantities and numbers can be grouped by units or split into units.
- Math Focus: group quantities based on units of 10; compare and order sets/quantities to 20

9780134597720 | \$65.50

Grade 2 – Title Packs include 5 copies of student Little Book and 1 Teacher's Guide

Back to Batoche

Indigenous Connections:

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



Math Connections:

- Big Idea: Quantities and numbers can be grouped by units or split into units.
- Math Focus: group quantities based on units of 10; compare/order numbers to 100

9780134640341 | \$70.95

Marsh Watch

Indigenous Connections:

- Valuing the land, nature and the outdoors



Math Connections:

- Big Idea: Collecting and displaying data can help us predict and interpret situations.
- Math Focus: collect, organize, and display data in graphs, read and ask questions about graphs.

9780134821511 | \$70.95

Pattern Quest

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:

- Big Idea: Patterns can be described mathematically.
- Math Focus: investigate repeating patterns; investigate growing and shrinking patterns.

9780134797649 | \$70.95

The Great Dogsled Race

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:

- Big Idea: Quantities and numbers can be added and subtracted to determine how many or how much.
- Math Focus: add/subtract to 100; compare/order numbers

9780134640372 | \$70.95

Sharing Our Stories

Indigenous Connections:

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



Math Connections:

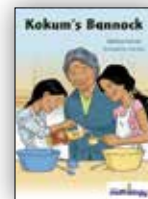
- Big Idea: Shapes and solids can be transformed in many ways.
- Math Focus: explore lines of symmetry in 2-D shapes, explore 2-D shapes.

9780134797625 | \$70.95

Kokum's Bannock

Indigenous Connections:

- Learning with elders and community members passes down important teachings
- Experiential learning is frequently a way young ones learn from elders and community members



Math Connections:

- Big Idea: Symbols and expressions can be used to represent mathematical relations.
- Math Focus: model and describe equality and inequality, explore properties of addition and subtraction.

9780134797656 | \$70.95

Grade 3 – Title Packs include 5 copies of student Little Book and 1 Teacher's Guide

Calla's Jingle Dress

Indigenous Connections:

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



Math Connections:

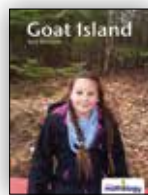
- Big Idea: Quantities and numbers can be multiplied (by grouping units) and divided (by splitting into units) to determine how many.
- Math Focus: multiply and divide to 50; add and subtract to 100

9780134640495 | \$70.95

Goat Island

Indigenous Connections:

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



Math Connections:

- Big Idea: Units can be used to measure and compare attributes.
- Math Focus: measure time, temperature, and length; explore units of measure and their relationships

9780134797700 | \$70.95

Planting Seeds

Indigenous Connections:

- Generosity is important
- Hands-on experience is a powerful way to learn



Math Connections:

- Big Idea: Quantities and numbers can be added and subtracted to determine how many or how much.
- Math Focus: add/subtract to 1000; develop concept of multiplication

9780134640471 | \$70.95