

Mathology Indigenous Resources

Grades K-3 | Available in French

Sixteen titles written by Indigenous Authors and Educators in Canada.

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

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



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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 | \$67.50

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 | \$67.50

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

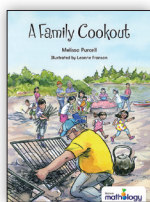
A Family Cookout

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



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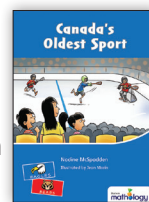
Canada's Oldest Sport

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



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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



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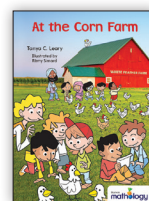
At the Corn Farm

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



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Mathology Indigenous Resources

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

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Marsh Watch

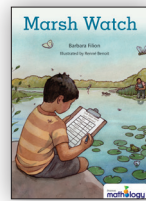
Indigenous Connections:

- 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.

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Pattern Quest

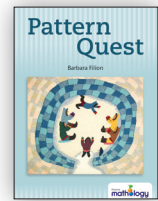
Indigenous Connections:

- Understanding that 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.

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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

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Sharing Our Stories

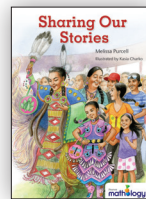
Indigenous Connections:

- 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.

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Kokum's Bannock

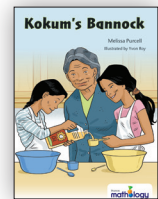
Indigenous Connections:

- 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.

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

Calla's Jingle Dress

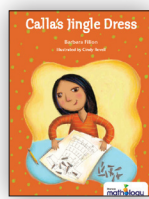
Indigenous Connections:

- 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

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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

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Planting Seeds

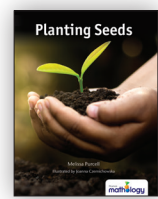
Indigenous Connections:

- 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

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Mathology Little Books Indigenous School Pack K-3

Includes 16 titles with multiple (4 Kindergarten, 5 Grades 1-3) print copies of each Student Edition and one copy of each Teacher Guide. Digital resource included for each title.

ISBN: 9780138212421 | \$1099.00

