

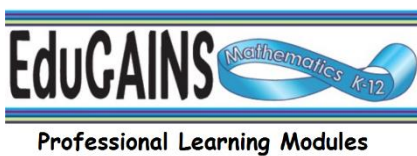
What's New to Support Math Learning, Teaching and Leading?

What resources can support my instructional leadership?



A number of self-directed and Adobe Connect recordings are available to support your learning as an instructional leader. You may wish to learn individually or as a small team.

<https://rms.thelearningexchange.ca/virtualllearningseries/>



A number of professional learning modules have been created to support you in facilitating professional learning. These modules include facilitator guides, PowerPoints, supporting documents and video clips.

http://www.edugains.ca/newsite/math/prolearnfac/pro_learning_modules.html



Yes I can! Paying Attention to Well-Being in the Mathematics Classroom

http://www.edu.gov.on.ca/eng/literacynumeracy/inspire/research/math_classroom.html

What resources can support students and classroom educators?



TIPS4Math classroom ready resources for grades 1 to 8, 9 Applied and 10 Applied include:

- Scope and Sequences
- Lesson Bundles
 - Learning Foci – unpacks the curriculum
 - Linked to key resources

http://www.edugains.ca/newsite/math/targeted_implementation.html



Effective Mathematics Learning, Teaching and Assessment Planning Guides with Samples

http://www.edugains.ca/newsite/math/effective_math_learning.html



The website www.mathies.ca houses a number of resources including:

- Math learning tools
- Games
- Activities

What's New to Support Math Learning, Teaching and Leading?

What are we learning from research to improve mathematics achievement?

FRACTIONS



Key learnings from the multi-year collaborative action fraction research project is shared through a number of resources including:

- Fractions Learning Pathways – Interactive Planning Tool
- Fraction Research Summaries
- Paying Attention to Fractions

<http://www.edugains.ca/newsite/math/fractions.html>

First Nations Math Voices



This multi-year participatory community-based research project has brought together artists, educators, Elders and community members of the Pikwàkanagàn First Nation, non-Indigenous educators; and First Nations and non-Indigenous students to explore the mathematics inherent in First Nations cultural practices. This journey is shared through a self-directed platform.

<https://sites.google.com/teltgafe.com/indigenouslearnersinmath>

Math4theNines

Grade 9 Applied Collaborative Inquiry involved educators exploring ways to enhance teaching practices for Grade 9 Applied mathematics. The website www.math4thenines.ca provides links to the research and resources that were developed to share the learning journey of ten school teams.

What resources can support parents/guardians?

mathies Home Supports

The Home Support section of www.mathies.ca houses and links to a number of resources including:



Illustrated Guides provide visuals of key mathematical concepts to highlight the overall and specific expectations for each grade.



Working in Number Sense (WINS) activities are designed to deepen understanding and build fluency of mathematical concepts through the use of the mathies learning tools and games.



The Math Storytime app and website are designed for parents to explore math concepts with their children (ages 5 to 7) through stories.



Choose a Path That Includes Math is an online tool kit that is comprehensive, user-friendly, and inspiring source of information to explore career choices based on high school math courses.

This document is available at

<http://www.edugains.ca/newsite/math/schoolleader/schoolleader.html>

