TeachingWorks

Elementary Mathematics Laboratory

July 6–10, 2026 | 8:30 a.m. to 4:30 p.m. EDT

Great Lakes Secondary School
340 Murphy Road | Sarnia, ON N7S 2X1

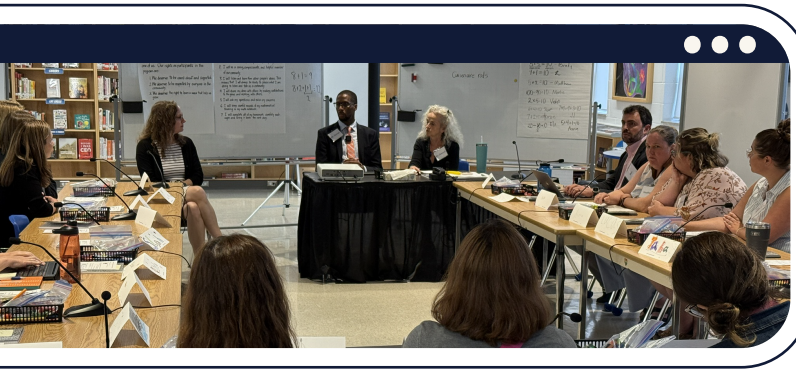
Learn More **Register Now**

Fee: $700 | Deadline: June 26, 2026

Join us for a week-long Elementary Mathematics Laboratory (EML) that explores the complexity of teaching and investigates and challenges what it means to use skillful teaching to disrupt patterns of injustice. Together we'll unpack instructional decisions, examine mathematics content, and interrogate issues of equity in classrooms, as we explore the following question:

How do we engage students in mathematics in ways that value their thinking, broaden their ideas of what it means to do mathematics, and advance justice in classrooms?

You'll observe elementary students working on mathematics in a live, two-hour class, partnering with the instructional team to prepare for and debrief each day. You'll then choose an afternoon workshop to connect your learning to your particular contexts.



What to expect in the Elementary Mathematics Laboratory experience:

- An in-depth exploration of elementary mathematics teaching
- Opportunities to view and discuss teaching, lesson plans, and other artifacts
- Strategies for translating your observations and discussions into practice
- Regular discussion of the ways that equity shows up in the work of teaching

Leave the EML with:

Tools and strategies for making mathematics learnable
Explore practical tools and considerations for supporting mathematics learning in your own classroom.

Confidence in increasing mathematical discourse
Use the strategies and moves you learn at the EML in your own classroom to make space for student ideas and support math discourse.

Empowerment to create a more equitable classroom
Learn new considerations for equitable mathematics teaching and new ways of thinking about equity in mathematics.

A certificate
Walk away with a digital, printable document that certifies your participation and identifies the dates during which you participated.

TeachingWorks
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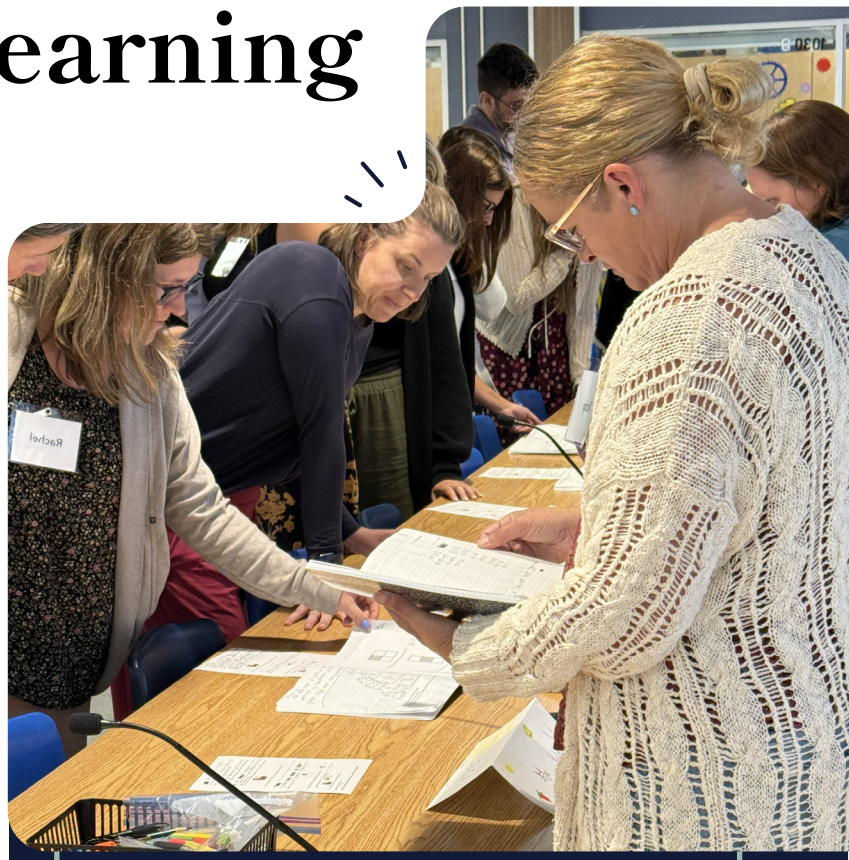
Professional Learning Workshops



Building a Strong Start in Mathematics: Essentials for New Teachers

Designed for: Beginning teachers

Learn practical considerations to guide your planning and strategies for building a productive, inclusive mathematics community in the first few weeks of school.

Coaching with Content and Practice at the Core

Designed for: Coaches & teacher leaders

Learn strategies and tools you can use in your coaching practice. While we will focus specifically on mathematics, the work is applicable across content areas and grade levels.

Leveraging Elementary Mathematics in Secondary Settings

Designed for: Grade 6–12 teachers

Learn ways to support students to make connections and see the relationship between elementary and secondary mathematics.

Disrupting Ableism in Mathematics Education

Designed for: Teachers & special educators

Engage in a series of instructional analyses and discussions and learn ways of thinking about supports for students in your own context.

Instructional Leadership Through the Examination of High-Leverage Practices

Designed for: Administrators, leadership team members

Learn methods for observing and giving feedback on particular high-leverage practices, with a focus on issues of equity and access.

Supporting Math Discourse: Tools for Maximizing Productive Student Talk

Designed for: All teachers

Explore questions related to productive student talk and leave with strategies you can use inside and outside of discussions.

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