

Grand Erie Math Achievement Action Plan



The Grand Erie Math Achievement Plan (GEMAAP) includes professional learning for Grade 1-9 educators, administrators, and support staff. Professional learning will focus on the [Ontario Mathematics Curriculum Grade 1-8](#) and [Grade 9](#), Math Long Range Plans (MLRP), [high impact instructional practices](#) and assessment. Staff meetings and professional activities days will include a math component.

Grade 1 to 9 Professional Learning Plan

Professional Learning is designed to increase knowledge of mathematics curriculum implementation, mathematics content, high impact instructional practices, and assessment

- Regular coaching support
- Release time

Lawson Mathematics

The Lawson continuum supports the development of student thinking in mathematics. Professional learning will focus on how teachers can use the continuum to identify where students are currently in their math thinking and then make instructional decisions that will help move the students forward. Focus for PD will be for schools who have not previously received Lawson training. Focus for PD will be for schools who have not previously received Lawson training. Priority grade 3 schools will not attend.

- 3-4 sessions

Building Thinking Classrooms

Building Thinking Classrooms is a pedagogical approach to facilitating student thinking and learning. This series will support learning in 14 engaging practices that align with the high-impact instructional practices.

- 3 sessions (2 in person and one virtual)
- PD will be for schools that have not previously received training

Professional Activity Days

- Mathematics will be a focus on designated PA Days

Staff Meetings

- The learning section of each staff meeting will have a math focus

School Council Meetings

- Administrators will set agenda items for School Council meetings to share and promote mathematics learning

Family Math Events

- A repository of Family Math Event ideas will be available to support schools in the development of Family Math Events

The Role of the Instructional Coach

The instructional coach supports opportunities to co-plan, co-teach, co-reflect with educators in areas including:

- Understanding the Ontario curriculum front matter and expectations
- Planning using High Impact Instructional Practices in Mathematics
- Planning using the achievement chart
- Planning cross-curricular connections
- Designing a physical environment that allows for effective instruction and learning build a collaborative learning community
- Finding and using a variety of research-based resources
- Incorporating manipulatives into the investigation of math concepts
- Developing lessons that reflect the Ontario Curriculum and current student learning needs
- Planning for and implementing responsive instructional practices
- Designing assessments for, as, and of learning using the Ontario curriculum
- Participating in moderated marking and analyzing student work
- Understanding the Growing Success document

