

Grand Erie Math Achievement Plan Overview



GOAL MATHEMATICS

Increase mathematics learning outcomes for all students.

Targeted Classroom, School and Board Strategies

	Priority 1 – Ensuring fidelity of curriculum implementation including the intentional use of proven strategies	Priority 2 - Engaging in Ongoing learning of content knowledge for teaching	Priority 3 – Knowing the learner, ensuring tasks, interventions, and supports are relevant and responsive
Class	Draw explicit connections to and between mathematical processes and in lesson planning and use proven instructional and assessment practices (e.g., High-Impact Instructional Practices).	Access resources (e.g., teacher supports on the Curriculum and Resources website), experts (e.g., curriculum consultant, school math facilitator), and professional learning to continuously develop content knowledge for teaching.	Understand and respond to student mathematics strengths, needs and interests using a variety of sources, including the Curriculum and Resources website, Individual Education Plans (IEPs), and collaboration with special education teachers and educational assistants.
School	Engage in ongoing professional learning (e.g., in grade/division/department meetings, learning teams, classroom visits) on the curriculum, including making connections across strands	Engage in regular collaborative meetings (e.g., team teaching, collaborative analysis of student work, school and/or board networks, classroom visits) to deepen knowledge of mathematics, curriculum, instructional starting points, and interventions	Determine key content areas, informed by EQAO data, including Strands and Skills reports, to determine where students may be struggling most and if there are gaps between classroom and EQAO achievement
Board	Prioritize understanding of the curriculum and the continuum of learning across grades	Understand the importance of the relationship between mathematics content knowledge and effective mathematics instruction, as it relates to student achievement	Provide a digital math tool to support student mathematics learning at home and/or at school, that can be used by teachers to understand current student learning levels and provide targeted supports for students

Resources Most Frequently Accessed

- Ontario Mathematics Curriculum
- Math Long Range Plans
- Mathology
- EQAO Resources
- Lawson Mathematics Continuum



Strategies Most Accessed in Math Classrooms

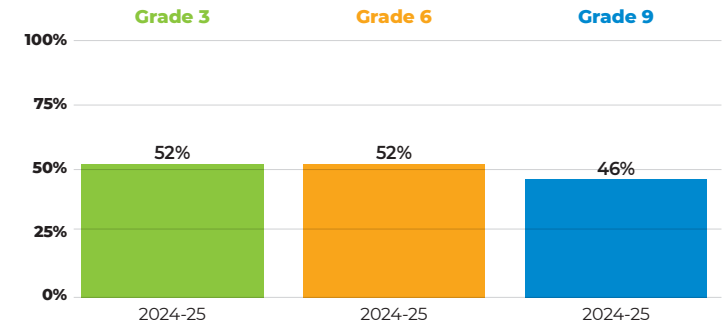
- Mathematics Conversations
- Problem Solving Strategies
- Tools and Representations
- Deliberate Practice



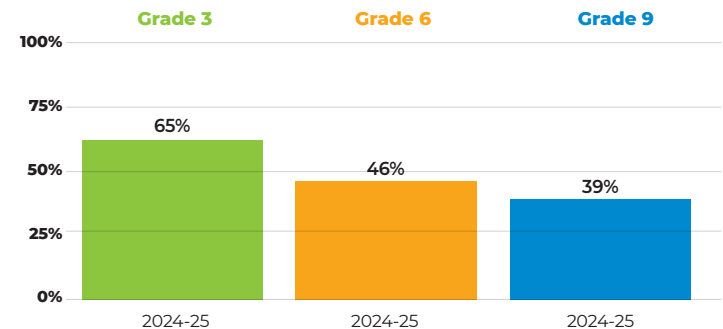
100%

of administrators engage in professional learning to deepen knowledge of math content and assessment of elementary School Improvement Plans have a math focus
of secondary School Improvement Plans have a math or graduation focus

Average Proportion of Attendance Over 90%



Confidence in Math



Level 3 and 4 Achievement in Math

