

NNDSB Math Achievement Action Plan

2023-24



Background/Context

In 2023, the Ontario Government launched the Ontario Math Achievement Action Plan in order to boost Math competence in the classroom and improve school board accountability.

Priorities included in the Ontario Math Achievement Math Action Plan include:

- Ensuring fidelity of curriculum implementation, including the intentional use of High-impact Instructional Practices;
- Engaging in ongoing learning on Mathematics content knowledge for teaching;
- Knowing the Mathematics learner, and ensuring mathematical tasks, interventions and supports are relevant and responsive.

About the NNDSB Math Achievement Action Plan

The NNDSB 2023-2024 Math Achievement Action Plan demonstrates our commitment to provincial priorities while recognizing the unique needs of our communities to ensure a continued focus on high achievement in Mathematics. In each of the three priority key areas, we have created strategies and selected indicators to help us keep track of our progress. These include:

- Precise implementation of the Math curriculum and the use of math continuums to support instruction
- Use of educational practices (focus on High Impact Instructional Practices) and resources with a proven track record of enhancing student achievement
- Engaging in ongoing professional learning to strengthen mathematics content knowledge for teaching
- Incorporating manipulative and concrete representations to support math understanding
- Ensuring mathematical tasks, interventions and supports are relevant and responsive to the needs of all learners

Support and Staffing Model:

The NNDSB Math Achievement Action Plan is supported by:

- Nineteen Facilitators supporting Grade 3 and 6 Priority Classrooms.
- One Math Coordinator who provides support at the system level.
- One Special Education Math lead teacher who works with students, classroom teachers, and resource teachers to close gaps and provided targeted support.

The School-Based Math Facilitator role includes:

- Observation in classrooms
- Individual and small group coaching (co-planning, co-teaching)
- Facilitating team planning, learning, and professional development
- Implementing and modeling high-impact instructional strategies
- Resource development and sharing

Central staff will collaborate build capacity through coaching by

- Using data to inform small group (classroom embedded) targeted instruction
- Providing targeted support for educators in key content areas based on assessment data

Professional Learning:

Educators will have the opportunity to take part in learning focused on:

- Ensuring curriculum alignment, planning, and effective use of digital math tools
- Building content knowledge for teaching
- Knowing the learners in order to create supportive learning environments
- Adopting high-impact instructional and assessment practices

For more information or supports for Mathematics, please view the [NNDSB Mathematics for Families webpage](#)