



Date: October 24, 2023
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Subject: Board Math Plan

Background

In the spring of 2023, the Ministry of Education released Ontario’s Math Achievement Action Plan, which created the board math lead position, continued funding for math facilitator roles and required all boards to create a board math plan. The Board’s system math plan, as well as targeted math plans for priority schools, will address all three of the priority actions identified by the Ministry of Education in the Math Achievement Action Plan:

- Use of high-yield instructional and assessment strategies to support fidelity to the math curriculum;
- Engage in ongoing strengthening in math content knowledge for teaching;
- Knowing the learner and ensuring supports are relevant and responsive.

In addition to the above, the ministry identified eight priority schools in the St. Clair Catholic District School Board based on 2021-22 EQAO results. Our priority math schools for this school year are:

Christ the King	St. Joseph - Tilbury
Holy Trinity	St. Joseph - Corunna
Sacred Heart - Port Lambton	St. Matthew
St. Angela Merici	St. Ursula

This report will give an update to the development and implementation of the Board math plan.

Board Math Plan

The Board math plan addresses all three priority actions identified above and requires three components:

1. An all schools math plan;
2. Individualized math plans for all priority schools;
3. Priority school Key Performance Indicator Report (KPI).

Components 1 and 2 require a determination of targeted areas of need as well as Board, school and classroom strategies to support all three Ministry of Education identified priority actions. Component 3 requires schools to report on the following Ministry identified key performance indicators:

- Percentage of students who progressed in their level of achievement on report cards;
- Percentage of students whose individual attendance rate is equal to or greater than 90%;
- Percentage of students who report positive results regarding math attitudes and confidence.

Ontario's Math Achievement Action Plan also included the creation of the math facilitator role. At St. Clair Catholic, we received 2.2 FTE funding for math facilitators and through central funding, math facilitators were increased to allow for three full time math facilitators. Our math facilitators are Lisa Aarssen, Katie Curran and Janice Prangley.

Math facilitators will be working on a rotating schedule with classroom teachers and students in all priority schools. Math facilitators will be modeling, co-planning and co-teaching with classroom teachers in priority schools, either in Grade 3 and/or Grade 6, to ensure fidelity to the curriculum, as well as working to improve math content knowledge for teachers.

SCCDSB Implementation of the Math Action Plan

In response to ministry direction, the Math Achievement Action Plan has been created to document the work and progress made at St. Clair Catholic, as the plan is implemented. Appendix 1 is the report that is going to be submitted to the ministry on or before November 15, 2023.

Appendix 2 contains more specific details around how the Math Achievement Action Plan will be implemented in our schools.

Monitoring Progress

The Board math plan will support the Student Achievement Plan and directly aligns with improving students' achievement in mathematics, which is a core academic skill.

The ministry requires that the Board math plan be presented to Executive Council, followed by the Board of Trustees. All portions of the Board math plan will be submitted three times this year:

Initial November 15, 2023



Progress March 15, 2024
Final July 15, 2024

Additional Math Actions

Math is a priority in all schools, and there are actions to support progress in mathematics achievement across our system:

- Principal Learning Teams are engaging in a math focus in the fall. Principals are teamed in small groups and each school is hosting a Principal Learning Team Visit, using a framework to organize the day, key reflective questions, classroom learning visits, and professional dialogue to engage principals in further developing their role as a math instructional leader;
- Catholic Leadership Sessions will provide administrators further opportunities for professional learning in the area of mathematics leadership;
- Math priority schools will engage in math PLCs this year, in the fall and spring with support of the math facilitators and Board math lead, led by principals in their schools;
- Secondary math PLCs will focus on student work and supporting the de-streamed Grade 9 course, as well as the student transition to streamed Grade 10 courses;
- NTIP teachers and teachers new-to-grade accessed direct support from the math facilitators during the first weeks of the school year;
- Facilitators will share math resources with all teachers as they are developed throughout the year on the staff learning hub, including specific tasks aligned with EQAO;
- October 6 Elementary PA day was a math focus day, where all elementary classroom teachers learned about how to use KnowledgeHook as a digital assessment tool to identify and target student misconceptions. KnowledgeHook, which is a K-10 digital learning tool was purchased last spring using ministry funding specifically allocated for a digital math tool;
- Multiple secondary PA days will have cross-curricular math/numeracy focus;
- Support for cross-panel opportunities, including observations and co-teaching, for math educators teaching Grade 9 and intermediate grades in elementary school;
- Continue to work with special education to support students and teachers in the use of the Symphony Math program;
- Purchase MathUP for Grade 9 teachers and support implementation;

Recommendation

That the St. Clair Catholic District School Board receive the report: *Board Math Plan*, for information.