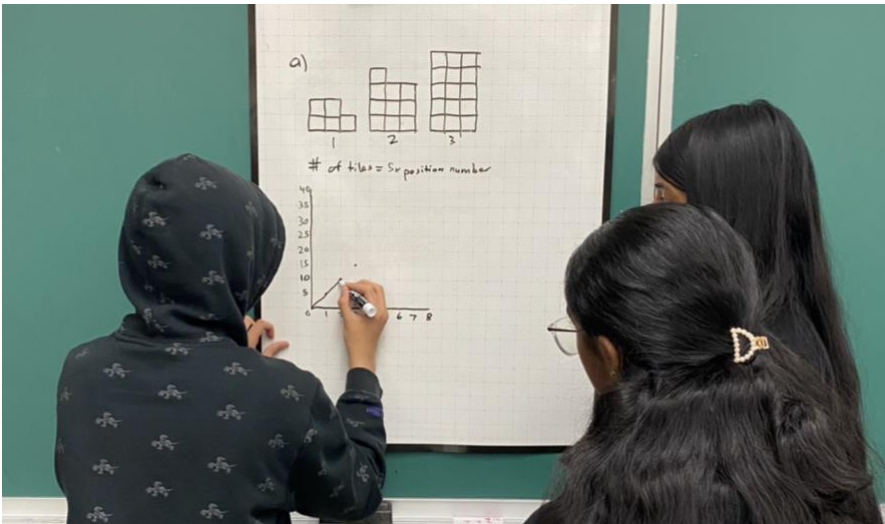


March 2025



Grade 9 students at Emery Collegiate Institute represent a pattern using a graph and an equation as part of developing algebraic thinking. (Photo: Tiffany Lee, X: @tleeteach)

## News and Highlights

### TDSB Mathematics Achievement Action Plan

The Toronto District School Board has developed a [Mathematics Achievement Action Plan](#) to coordinate improvement efforts in mathematics teaching, learning, and achievement across the district.

As part of this plan, since 2023, over 1500 K-12 educators attended multi-day learning sessions rooted in research-based instructional methods to enhance their mathematics teaching.

Sessions included:

- Building strong **foundational math skills** in the early years that involves reaching automaticity with number facts and arithmetic strategies through an understanding of number relationships
- Developing deep **fractions understanding** in Grades 4-10 students through meaningful experiences with equal sharing, decomposing fractions, and thinking relationally about fractions.
- Strengthening instruction of the **Grade 9 destreamed math** course by guiding educators to understand the nature of course expectations and high-impact instructional practices.

Hundreds more educators will take part this school year, with offerings that expand to address the development of multiplicative and algebraic reasoning.

## Math @ Home

### Setting a positive math mindset

When students see math as something that they can learn, that makes sense, and is useful in their lives, it sets a strong foundation for future learning.

Here are some ways to help foster a positive attitude towards math at home:

- Engage in friendly discussions about math ideas, whether it is based on learning at school or from everyday experiences like cooking or shopping.
- Praise thoughtful reasoning and problem-solving, even if the final answer is off. Listen to your child's thinking and avoid jumping in and correcting immediately.
- Highlight your positive experiences with learning math and normalize that everyone has the potential to learn math.

## Connect with Us!

Visit our **TDSB Mathematics for Families and Caregivers website** for resources to support math learning at home, more information on our strategic plan, and for reaching out if you have any questions:

<http://bit.ly/tdsbmathforfamilies>



## Math Learning Partners: Supporting Teachers & Students

Through the Ontario Ministry of Education’s investment in improving mathematics learning across the province, the TDSB Mathematics and Numeracy Department now includes 25 **Math Learning Partners**. These highly skilled K-12 teachers implement the TDSB’s Mathematics Achievement Action Plan by designing and running multi-day learning sessions for educators to strengthen their instructional practice. Math Learning Partners also work regularly in classrooms at 125 Math Learning Partnership schools that qualify for additional support to enhance student learning and teach in tandem with classroom teachers to build their skills in effective math teaching.

Early data, including EQAO results and teacher feedback, indicate that Math Learning Partners are increasing teachers’ math content knowledge and use of high-impact instructional practices, as well as having a positive impact on student learning and achievement. We will continue to update the TDSB community on their work and impact so that everyone in the district can benefit from their tremendous efforts.



Ingrid Beckford-Clayton (left) presents to a group of Grades 4-10 teachers at a fractions workshop. Nico Rowinsky (centre) works with a Grade 6 student at Brookview Middle School on an algebra activity. Annissa Hosein (right) is co-teaching a Grade 9 lesson on linear relations at Heydon Park Secondary School. All three currently serve as Math Learning Partners with the Mathematics and Numeracy Department.

## Featured Virtual Math Resource: TVO Learn Mathify

Did you know that **TVO provides all Grades 4-12 students with FREE 1:1 online math help**? Ontario Certified Teachers are available weekdays from 9am–9pm, and weekends from 3–9pm. There’s no need to make an appointment – just drop in for any of the following:



**Get homework help for math**



**Prepare for math tests**



**Ask clarity on math concepts**



**Visually sketch math problems**

Visit [mathify.tvolearn.com](https://mathify.tvolearn.com) for details about how to register and use the free service.