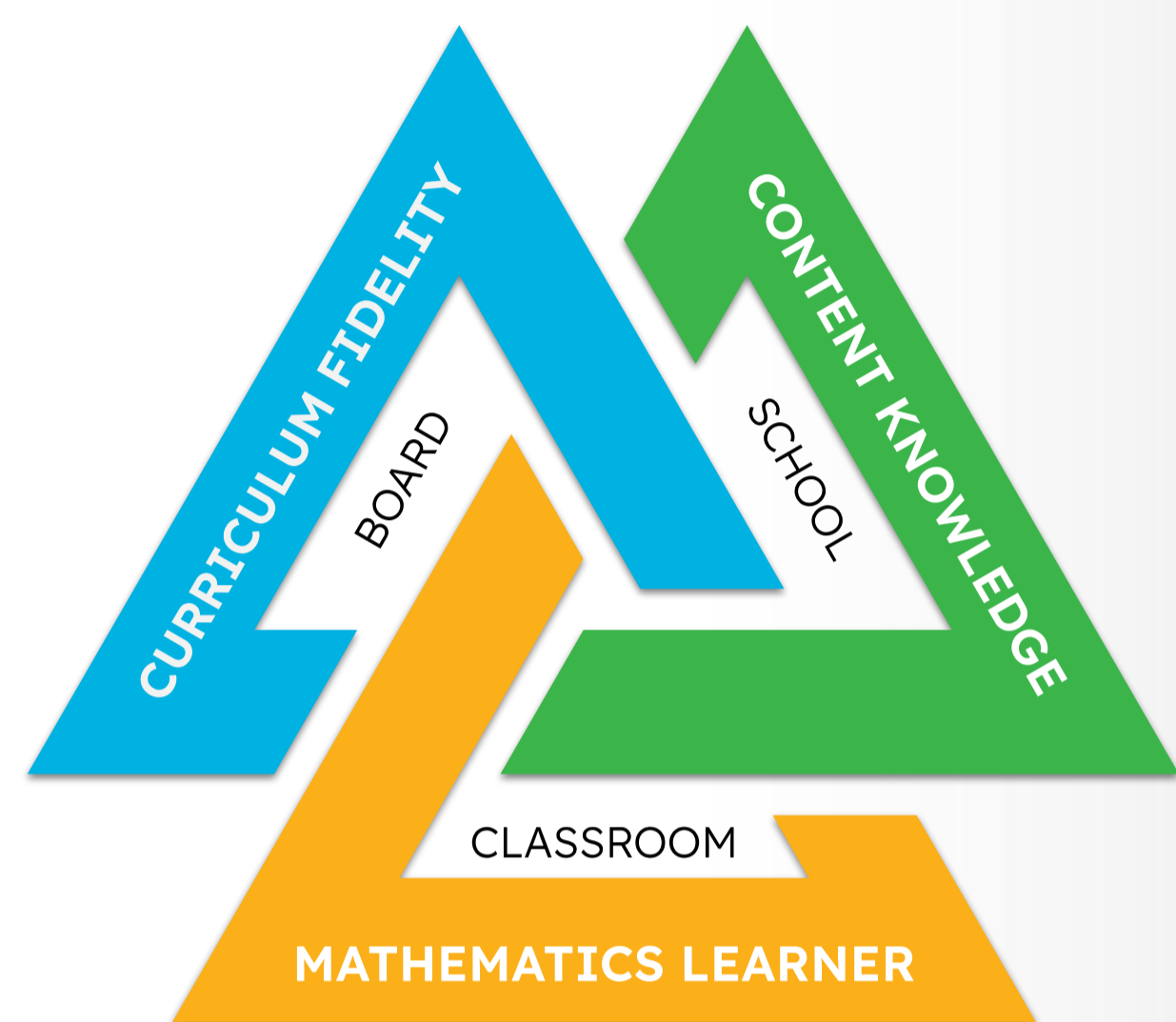




Math Achievement Action Plan



Research has shown that parental involvement in math education can be beneficial for both the student and the parent. This can have a positive impact on individual academic performance, attitude towards mathematics, and problem-solving skills. Additionally, it can help build a stronger relationship between the parent and child.

Tips to support math learning at home:

- **Create a study space:** set up a quiet, distraction-free area for practice.
- **Ask questions:** Encourage your child to ask questions when they do not understand.
- **Review regularly:** Suggest short daily or weekly review sessions to reinforce what they have learned.
- **Use online resources:** Make use of free online math games, tutorials, and practice problems.



A Parent's Guide for the Grade 9 Ontario Mathematics Curriculum (2021) is available (click [here](#) to access).

Supports

Grade 9 Math Prep

Number, Algebra, and Linear Relations are important for continued success in math. To consolidate Grade 8 math learning and prepare for the Grade 9 de-streamed course (MTH1W), you can find practice questions and guided video solutions via this [link](#).

Thinking about Mathematics Pathways

Looking to have positive conversations with your child about their mathematics pathway or interested in exploring the exciting possibilities of where a high school math journey might lead? We have a helpful video to guide you through these conversations (click [here](#) to watch the video).



TVO Study Hall

Free course support available:

- [MFM2P](#)
- [MCR3U & MEL3E](#)
- [MDM4U & MEL4E](#)

TVO Learn Mathify

Website: mathify.tvolearn.com

TVO Learn Mathify offers free 1:1 online math tutoring with Ontario Certified Teachers for students in grades 4-12 (available 7 days a week). Accessible from any digital device, this service assists with homework, test preparation, clarification of math concepts, and visual sketching of math problems.

Activities

At the YCDSB, we are firm believers that math games, puzzles, and activities offer an excellent opportunity for practising math. They help all types of learners develop mathematically while building relationships with the people who also participate in this playful learning.



Logic Puzzle - Four Hats

Click [here](#) to find out how you can help four friends, wrongly imprisoned logicians, prove their logical skills to earn their freedom and escape their unjust captivity.



Problem of the Week ([CEMC](#))

The University of Waterloo provides weekly problems that offer students an opportunity to think critically and solve. Take turns with your child choosing a problem at or above grade level: [Grade 9-10 link](#) and [Grade 11-12 link](#).

Open Math Problem - Robert Kaplinsky

Try an open question that involves polynomial division. Click [here](#) to access.

