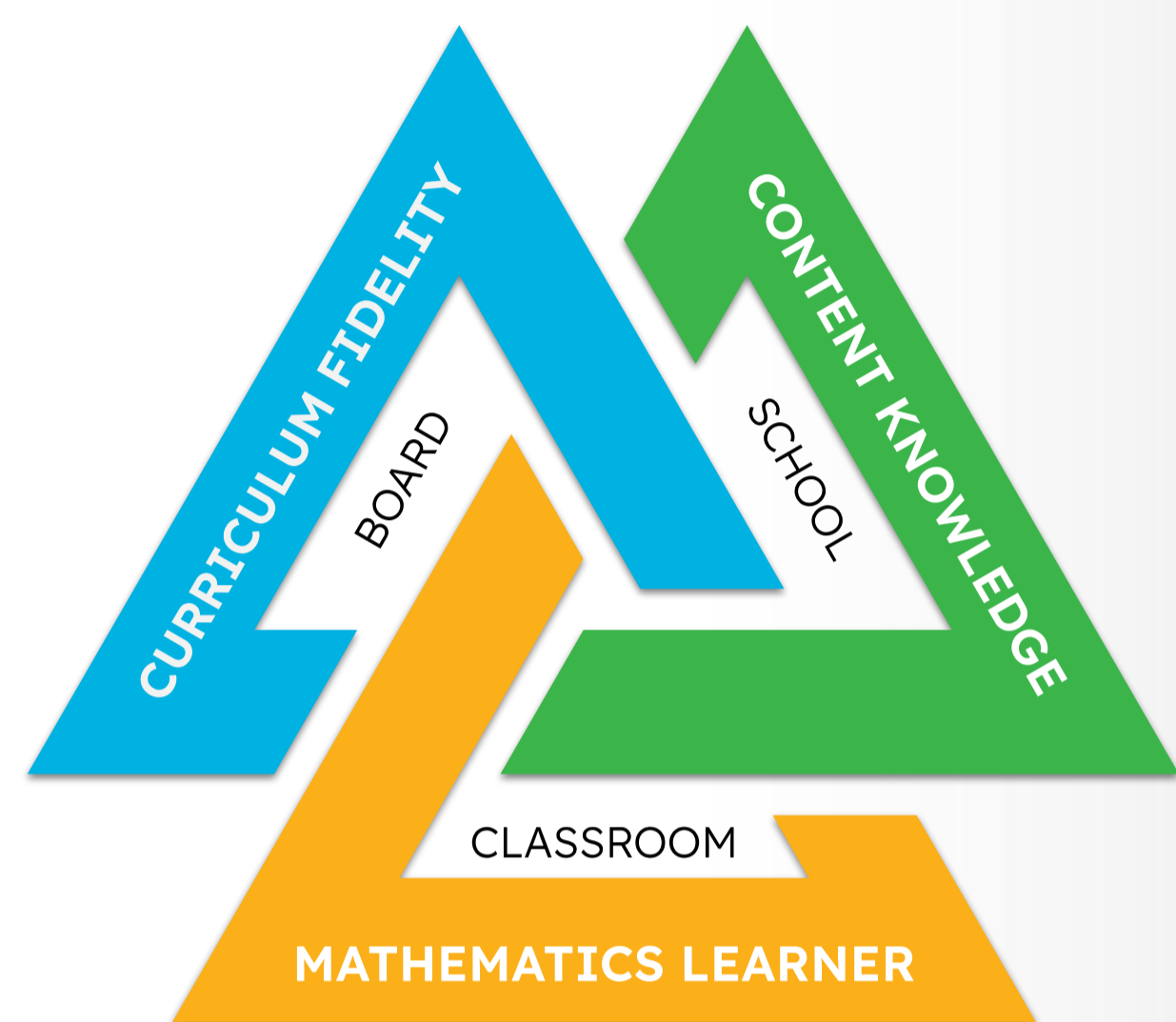




Math Achievement Action Plan



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. Engaging in your child's math education can also help parents learn new teaching strategies and gain a better understanding of the math curriculum.

We recognize it can be difficult to find time for these connections, and the concepts may seem daunting at times. However, various supports are available to parents. Your involvement at home plays a key role in your child's mathematics journey.



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

Supports



Self-Assessment of Grade 8 Knowledge

Knowing what concepts your child has learned and where the learning is progressing is beneficial for providing effective support. A self-assessment of grade 8 knowledge (click [here](#) to access) is available to prepare for the grade 9 course (MTH1W).



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 learn mathify

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.



Four Aces

Peter Liljedahl shares a card trick without offering the solution. Discover how learning card tricks can develop mathematical thinking skills. Try to solve the Four Aces card "riddle" together with your child. Click [here](#) to watch the video.

Cribbage

This card game can be enjoyed at any age. Click [here](#) for the game board template and playing instructions.

Airplane Riddle

Judd A. Schorr shows how you can help Professor Fukanō fly around the world and achieve his dream, without anyone running out of fuel and crashing? Click [here](#) to watch the video.

Open Math Problem - Robert Kaplinsky

Try an open question that involves creating an inequality given a solution set. Click [here](#) to access.

