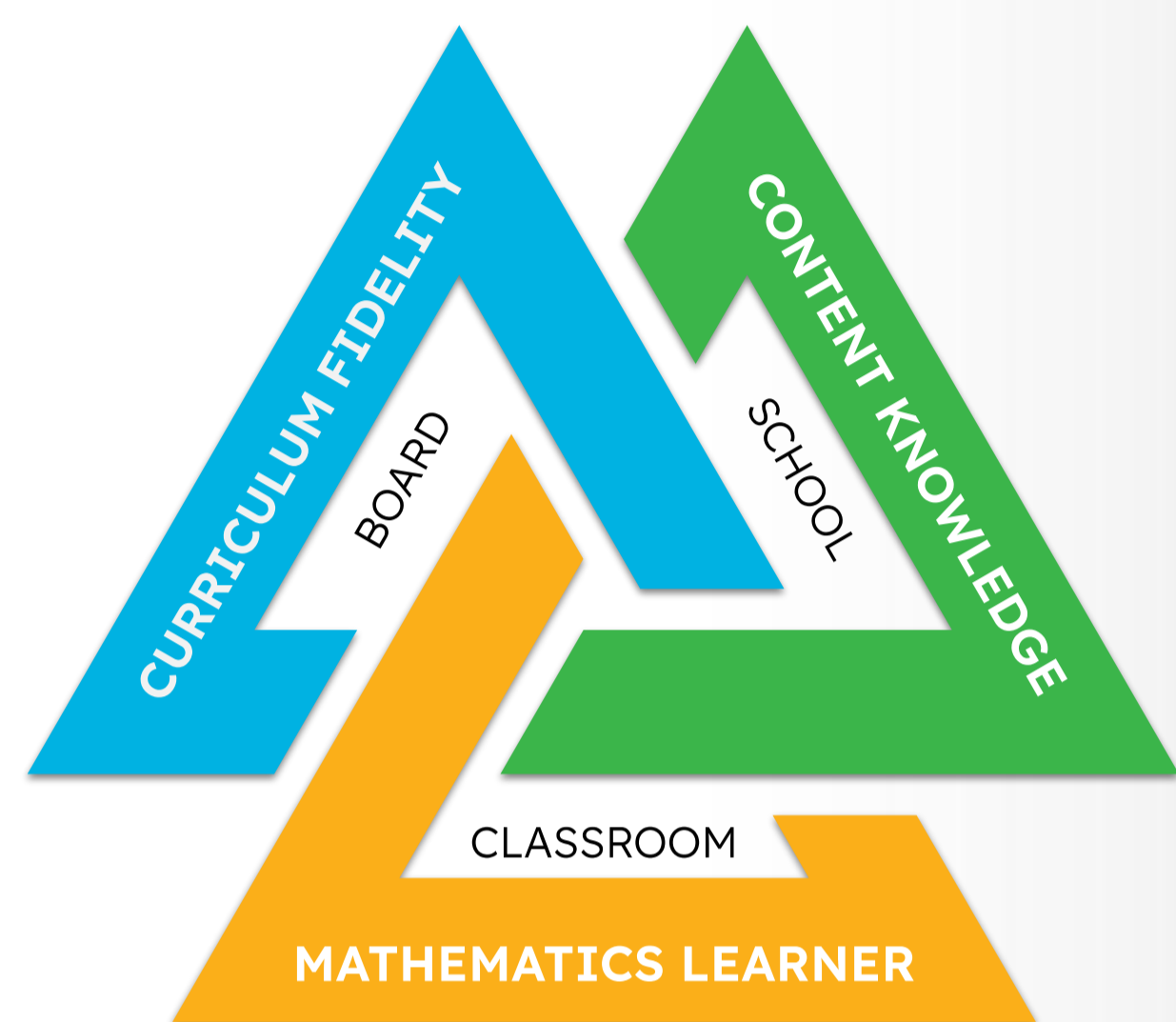




## Math Achievement Action Plan



Integrating mathematics into everyday conversations and activities can enrich your child's understanding of how math shapes the world. Recognizing patterns in nature, and discussing budgets and finances can show the relevance of math beyond textbooks. These interactions reinforce classroom learning and help develop a mindset where math is a natural part of problem-solving and critical thinking in daily life.

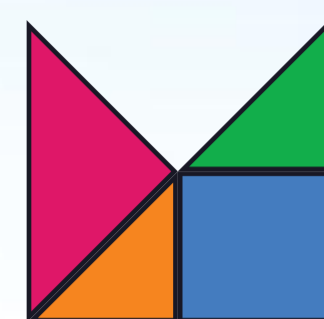
Math is everywhere. You can help your children make connections between what they learn in school and everyday experiences at home and in the community, such as:

- buying something at the store
- cooking at home
- managing money



A Parent's Guide for the Grades 1-8 Ontario Mathematics Curriculum (2020) is available (click [here](#) to access).

## Supports



### Polypad by Mathigon

Website: [mathigon.org/polypad](https://mathigon.org/polypad)

Tutorials: [mathigon.org/task/tutorial](https://mathigon.org/task/tutorial)

Polypad is a collection of interactive digital manipulatives for teachers and students. Manipulatives help students develop conceptual understanding that is essential for moving on to abstract concepts in mathematics.



### TVO Learn mPower

Website: [www.tvompower.com](https://www.tvompower.com)

Parents can sign up for a free account for students in K-6 to access mPower, a digital game-based math resource aligned with the Ontario math curriculum. It helps students focus on tougher-to-learn math concepts, build confidence, and master essential skills. The games offer a fun way to practice in class and at home.



### TVO Learn Mathify

Website: [mathify.tvolearn.com](https://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

### Dicey Decisions

To play this game, you will need paper, something to write with, and a regular 6-sided die. Click [here](#) for the gameboard and instructions.



### Problem of the Week (CEMC)

The University of Waterloo's Problem of the Week offers students an ongoing opportunity to solve math problems. Each week, new problems from different math areas are posted on their [website](#) and emailed to teachers for grades 3 and up. Past problems and solutions are also available.



### TVO Learn at Home Resources

You can find fun and engaging resources and activities to help your child learning now. Children can use these resources on their own or as a supplement to what they are already learning at school, online, or at home. To get started, simply choose your child's grade below.

<a href="#">Kindergarten</a>			
<a href="#">Grade 1</a>	<a href="#">Grade 2</a>	<a href="#">Grade 3</a>	<a href="#">Grade 4</a>
<a href="#">Grade 5</a>	<a href="#">Grade 6</a>	<a href="#">Grade 7</a>	<a href="#">Grade 8</a>

