

Online Math Resources for Families – *Junior Grades*

Knowledgehook is an online tool designed to guide students through interactive questions. They gain a deeper understanding of mathematical concepts and explore different pathways to solving problems.

<https://app.knowledgehook.com/app/Login>



Access instructions here:

<https://tinyurl.com/KnowledgehookFamiliesOverview>

GRADE 4

Class Code: **gum9788**

GRADE 5

Class Code: **top5255**

GRADE 6

Class Code: **art3943**



Access Instructions here:

bit.ly/mpowerparents

TVO's mPower is a creative online game that teaches fundamental K-6 math skills. Designed and developed with Ontario students and educators.

The goal of **Inspiring Your Child to Learn and Love Mathematics** is to inspire all families of elementary students to build a love for math. It offers information and support to nourish the work families currently do as the first teachers of their children.



<http://www.parentengagementmatters.ca/inspiring-your-child-to-learn-and-love-math>

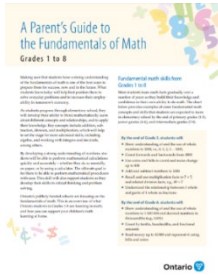
MODULES

Module One

[General Overview: Count Yourself In](#)

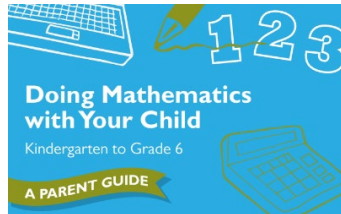
Module Four

[Junior Grades \(4, 5, 6\): Counting Ahead](#)



A Parent's Guide to the Fundamentals of Math highlights some of the key math concepts and skills in the current curriculum.

http://www.edu.gov.on.ca/eng/parents/parent_guide_math_en.pdf



The activities in **Doing Mathematics with Your Child** can help your child see math in everyday activities. They also build on children's love of games and they support mathematics curriculum expectations.

<http://www.edu.gov.on.ca/eng/literacynumeracy/parentguidenumen.pdf>



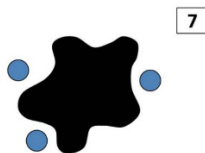
Learning About Money Doesn't Have To Be Boring!

A series of short vignettes produced for CFEE by Just For Laughs Gags focusing on money and highlighting money challenges, along with supporting tips and teaching material.

Grades 4-8

<https://moneylaughs.com/>

How many dots are under the Splat?



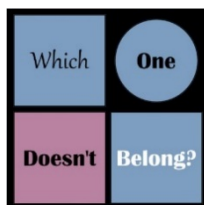
Splat! by Steve Wyborney are powerful activities that support number sense. The numbers range from small to larger whole numbers as well as fractional amounts for older students.

<https://stevewyborney.com/2017/02/splat/>



Estimation180 are curated images of estimation challenges. These challenges can help students to improve both their number sense and problem solving skills.

<http://www.estimated180.com/>



Which One Doesn't Belong? is a collection of images where students are asked to reason through which image does not belong. Powerful conversations occur as multiple reasons are possible and we see that any given image may not belong. What becomes the focus is the reasoning offered to support a viewpoint.

<https://wodb.ca/>



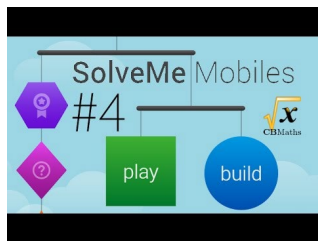
Would You Rather? is a collection of images that presents students with two possibilities to choose from and to reason through their answer.

<https://www.wouldyourathermath.com/>



Visual Patterns are images that provide a sequence of pictures or geometric objects, created based on some rule. Students are asked to reason and prove what the rule might be.

<http://www.visualpatterns.org/>



SolveMe Mobiles are hanging sculptures made of shapes, strings, and beams. These beams and strings are weightless, but the shapes have weight. The goal is to figure out what the weight is of each of the shapes to make the mobile balance.

<https://solveme.edc.org/mobiles/>



FractionTalks.com provides images that foster conversations and creative thinking about fractions.

<http://fractiontalks.com/>



PBS KIDS is committed to making a positive impact on the lives of children through curriculum-based entertainment. PBS KIDS leverages the full spectrum of media and technology to build knowledge, critical thinking, imagination, and curiosity. By involving families, teachers, caregivers, and communities as learning partners, PBS KIDS helps to empower children for success in school and in life.

<https://pbskids.org/games/>



CBC KIDS reaches kids up to age 10 with games, videos, photos and articles that enhance and extend CBC Kids into a digital playground with something new to discover every day. Play free kids' games, watch videos, and explore activities, quirky quizzes, and fun facts.

<https://www.cbc.ca/kidscbc2/games>



TVO KIDS gets kids ready for school, life, and to take on the world through the power of learning. Developed for every young learner and covering virtually all Ontario Curriculum areas for JK to Grade 5, TVO-produced children's content is built in collaboration with educational consultants and classroom-tested to ensure specific educational objectives are met. *tvokids.com* is home to TVOKids' educational videos, games and apps—It's where kids can get interactive with their learning!

<https://www.tvokids.com/school-age>