OPTIONAL CONTINUOUS STUDENT LEARNING AT HOME

Math **RESOURCES** Elementary GRADE 3

🔆 To access some of the resources listed in this guide, ask your teacher for a login and password.







Elementary Mathematics

"Before your child can learn mathematics, he or she needs to believe in his or her ability to do so. That's where you come in. You can be your child's first role model for learning. **When you engage with your child** in a supportive, relaxed atmosphere, your child will enjoy exploring the world of mathematics."

Ministry of Education document *Doing Mathematics with Your Child Kindergarten to Grade 6 A Parent Guide* edu.gov.on.ca/eng/literacynumeracy/parentGuideNumEn.pdf

Grade 3 Number Facts and Operational Skills

Students should be able to represent and order numbers to 1000 by the end of grade 3

> Try this activity Catch a Bouncing Ball

Adding & Subtracting:

• By the end of grade 3 students should be able to add and subtract three digit numbers in a variety of ways.

Representing Money:

• By the end of grade 3 students should be able to represent money amounts to \$10.

For example...

There are eight quarters in a toonie and ten dimes in a loonietoonie

Mathies Money Tool

Relating:

• one-digit multiplication, and division by one-digit divisors, to real-life situations

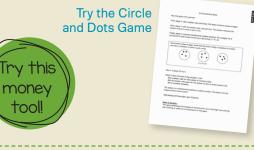
Try this activity... What things at home come in 2's, 3's 4's and 5's

Multiplying & Dividing:

- By the end of grade 3 students should be able to multiply to 7 x 7
- By the end of grade 3 students should be able to divide to 49 ÷ 7

For example...

doubles, doubles plus another set, skip counting)



Counting by 1's, 2's, 5's, 10's, 25's, & 100's

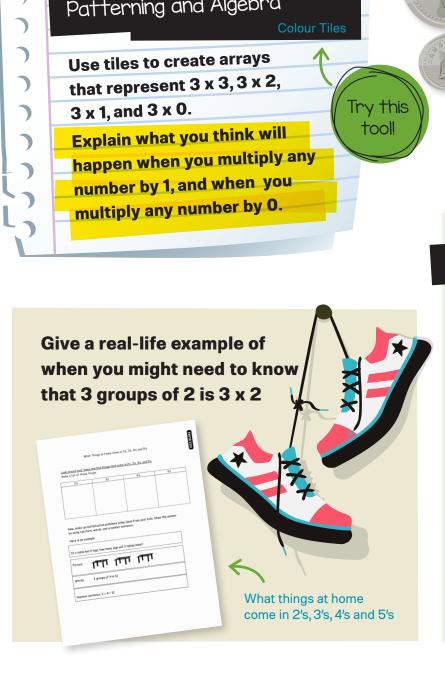
Take a look at these counting tools!

Rekenrek

Number Chart

Number Line





Measuring Activity

Record the temperature outside each day using a thermometer, and compare your measurements with those reported in the daily news

Patterning and Algebra

You spent 7 dollars and 75 cents on one item and 15 cents on another item. How much did you spend in total?

GRADE 3

Money Tool

Solving Math Problems

Serra has 968 collector cards and gives **129** collector cards to Noor and 12 collector cards to Tom.

How many collector cards does Serra have now?

There are 6 different colours of icing and **4** different types of toppings that can be put on a cookie.

If one colour and one topping are put on a cookie, how many different possible combinations are there?

Problem Solving Tasks

Do you know anyone who has lived for close to 1000 days? Explain your reasoning.

ONLINE RESOURCES

Ministry of Education's Mathematics Parent Guide

K-6 Mathematics: edu.gov. on.ca/eng/literacynumeracy/ parentguidenum.html



Read the Ministry of Education's guide to adding math into everyday activities at home. Help your child add, subtract, divide and multiply with confidence. **Available in 13 languages.**

Math Storytime

mathstorytime.calen

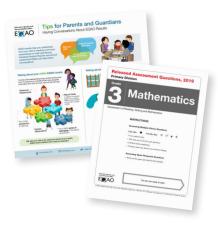
The objective of Math Storytime is to help parents explore simple math concepts with their children through stories...



EQAO Grade 3 Booklets:

eqao.com

The Assessment of Reading, Writing and Mathematics, Primary Division (Grades 1–3) tests the reading, writing and math skills students are expected to have learned by the end of Grade 3. Students write this test during a two-week testing window in May/June each year.

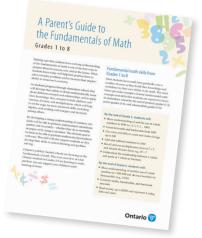


TVO mPower

tvompower.com

Build foundational math skills & inspire a love of math. Did you know? Succeeding at math can be exhilarating, confidence-boosting and fun! Unleash your child's math power with TVO mPower!





Fundamentals of Mathematics – Parent Guide (Grades 1-8):

edu.gov.on.ca/eng/parents/ parent_guide_math_en.pdf

This is an overview of what Ontario students in Grades 1-8 are learning in math, and how you can support your children's math learning at home.

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Bot by name Driver a topic Accel		About Us Contact Us Need help to play games?
Battle of the integers (Integers)	A card game allows the grounder or load hillings in a set must be derifficat.	Open Download Print
Card Games (Fractions and Whole Numbers)	A stillation of games and activity field table saveline uses solls. Given install varius spreamblines of distribution, floations and white surfaces.	Open Ouvrin
Card Games (Trigonometric Functions)	Extrine the top properties of r at r , about the two properties would be too a transition of r - m is and standy a unity of product and constraint sharing.	Print

Mathies Games

mathies.ca/games.php Catch a Bouncing Ball Operations

Catch a Bouncing Ball Representations



Puffin Academy App

enables access to CLIPS as well as mathies and ePractice on a mobile device

ONLINE RESOURCES

Knowledgehook*

knowledgehook.com

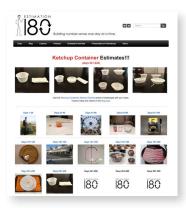


Students can enter with classroom generated access code.

Estimation 180

estimation180.com

Estimation 180 is an activity curated by Andrew Stadel, a teacher and Mathematics Coach in California. He created 180 different estimation challenges for his students and published his site, Estimation 180 in 2012. Since then teachers around the world have been using his lessons to develop students' number sense and reasoning.



Math Playground

mathplayground.com

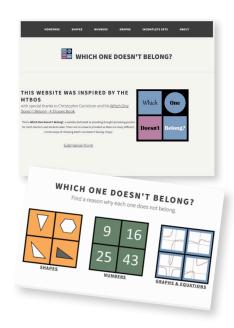
Math Playground offers varied and abundant practice of math skills for students in Grades K–6.



Which One Doesn't Belong:

wodb.ca

This is Which One Doesn't Belong?, a website dedicated to providing thoughtprovoking puzzles for math teachers and students alike.





NRICH From Playing to Explaining:

nrich.maths.org/14379

Mathematics resources for children, parents and teachers to enrich learning.

Inspiring Your Child to Learn and Love Math:

parentengagementmatters.cal inspiring-your-child-to-learnand-love-math

The tool kit is designed to foster the engagement of parents of elementary students in their children's mathematics learning, and to inform, support and nourish the work parents currently do as the first teachers of their children.

Learn and I	our Child to .ove Math	
	ing Your Child to	A message from the Council of Ontario Directors of Education
When you supp child to learn, y nfluence your	and Love Math bort and encourage your our positive approach helps child's success. "Support way the product helps and the state the ten eagenet of game the tensor of the state tensor of the data state and the state state and the state and the state and the state state and the state state and the state state tensor of the state state and the state state and the state tensor of the state state and the state state and the state tensor of the state state state state and the state st	When students understand matterinatics, they are student by the mark toxical print y can be toy to mark the student of the students of the student of the students. If the students mark the students are the students marked as the students are students and students of the students. If the students are students watching with students of all effect and all advances and students of the students and advances that are students and all advances and students of the students are the students of all students and all advances and students of all students are students and advances that the students of all students are the students of all students of students and students of the students of advances and the students of all students of the students are the students of all students of the students of the students of the students of all students are the students of the students of all students are the students of the students of the students of the students of the students of the students of the students of the students of the students of the students of the students of the students of the students of
Module Two Kinderganen, Court Togethe Module Three Primary Diades (1, 2, 3) Mak Module Four	r ng it Court	Take the time to view or download the videos and documentation that applies to the age group you are interested in. Share with colleagues, friends and family. If you are preparing a parent engagement workshop, you will find everything you need right here!

DDSB Student Mobile Campus



Student Mobile Campus is the home page for all students in the DDSB. Students can start here for links to DDSB cloud platforms and online learning environments used in the classroom. Students will also find links to supported digital tools and websites. student.ddsb.ca

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DDSB **Library Learning Commons** Site, accessible from the Student Mobile Campus, provides links to ebooks, streaming video, and research databases. While at school, students do not need to log in to library services. To login at home, please ask your classroom teacher or school's teacher-librarian. ddsb.ca/library



The OERB is available to students and parents to access ministry- and teacher-curated resources and activities, searchable by grade and curriculum area. Students can access the OERB from home by clicking on D2L Brightspace on the Student Mobile Campus and selecting the OERB link from K-6 Tools or 7-12 Tools.

