

May 2025

Math@Home

Leverage Everyday Activities for Math Learning

Mathematics is everywhere! Take advantage of everyday situations with your children to create deliberate math learning moments.

Here are some simple examples:

- **Grocery shopping:** have your children compare unit prices of two similar products or estimate the total cost of items in the basket to build number sense.
- **Baking and cooking:** have your children assist with measuring ingredients and following recipes to reinforce measurement and volume concepts.
- **Playing games:** play card and board games with your children that involve numbers, dice and counting to strengthen their love and joy for mathematics.

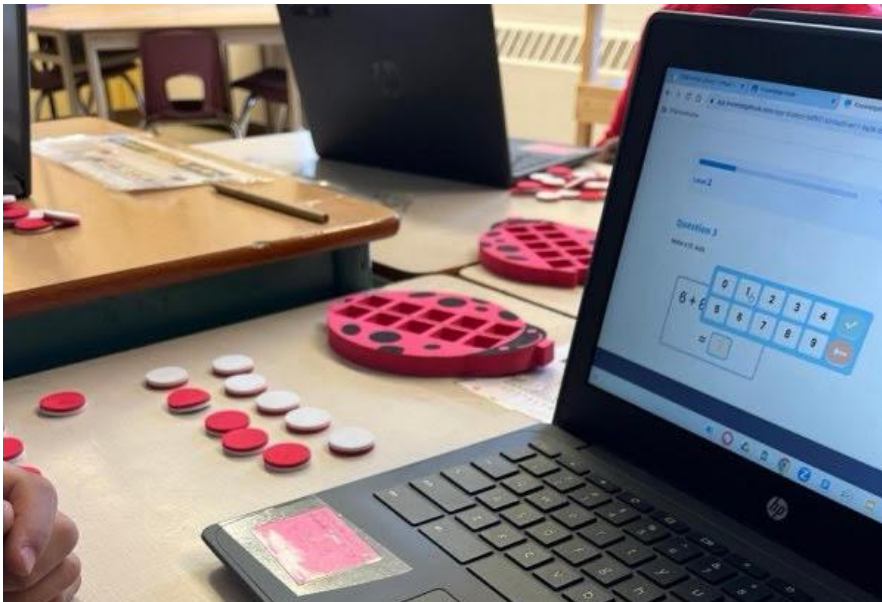
Connect with Us!

Visit our **TDSB Mathematics for Families and Caregivers website** for resources to support math learning at home, more information on our strategic plan, and for reaching out if you have any questions:

<http://bit.ly/tdsbmathforfamilies>



@TDSBmath



Early years students at Alexander Stirling Public School use Knowledgehook — a TDSB-supported virtual math tool — alongside physical math materials to solve problems (Photo: Shawna Brozek, X: @shawnbrozek).

Resources to Support Student Math Learning at Home

The Toronto District School Board recognizes the vital role that parents and caregivers play in their children's mathematical journey. Building a positive attitude towards mathematics and strong understanding of fundamental math concepts is crucial, and parents and caregivers want to support these goals at home. We want to support you with information, tools, and resources so that you can confidently assist your child with acquiring the deep mathematical understanding and high academic achievement that all children in the TDSB deserve.

The Ontario Ministry of Education provides parent guides to the [Grades 1-8](#) and [Grade 9](#) mathematics curriculum so parents and caregivers can get a better sense of the mathematics that each grade is learning.

We also want to highlight four powerful and free tools that are accessible to everyone in the TDSB community to support and extend mathematics learning, from Kindergarten to Grade 12:

- TVO Learn
- Knowledgehook
- TVO Learn Mathify
- Centre for Education in Mathematics and Computing (CEMC)

TVO Learn

For Kindergarten to Grade 12 (English only)

tvolearn.com

Parents and caregivers can use TVO Learn's straightforward, trustworthy, engaging and free resources to support children's learning.

Lessons involve videos, powerful visuals, detailed explanations, and tasks to consolidate learning.

Number line

Fractions can also be represented using a number line. You can use the line to represent a whole. Then, divide it into equal sections to represent the parts that your fraction is divided into; this number will also be the denominator. For example, if your fraction is out of two, your number line should be divided into two parts.

Number Line

tvo learn

Knowledgehook

For Grades 1 to 10 (French and English)

app.knowledgehook.com/app/student/join

Parents and caregivers can use Knowledgehook to access math activities at home. Knowledgehook tasks are directly linked to the Grades 1 to 10 mathematics curriculum.

Ask your child's teacher for their Knowledgehook class code. All TDSB teachers have access to Knowledgehook.



TVO Learn Mathify

For Grades 4 to 12 (English only)

mathify.tvolearn.com

Parents and caregivers can use TVO Learn Mathify to connect their children in Grades 4–12 with free 1:1 online math tutoring.

All tutors are Ontario Certified Teachers and are available Monday to Friday from 9am to 9pm, and Saturday and Sunday from 3pm to 9pm.

Students can use TVO Learn Mathify to:

- Get homework help for math
- Prepare for math tests
- Ask for clarity on math concepts
- Visually sketch math problems

tvo learn mathify



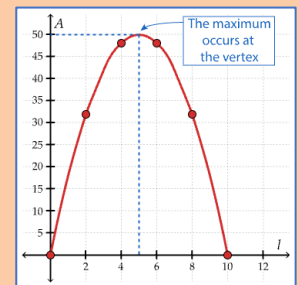
Centre for Education in Mathematics and Computing (CEMC)

For Grades 3 to 12

cemc.uwaterloo.ca/resources/grade-level

The CEMC at the University of Waterloo offers rich resources to support their children's learning at home:

- **Problems with Purpose:** Thoughtfully crafted math problems that connect classroom learning to real-world applications.
- **Problem of the Week:** Engaging math problems shared weekly to enhance problem-solving skills.
- **Courseware:** Online materials featuring lessons, activities, enrichment challenges, and opportunities for practice with feedback for Grades 7–12 students.



Virtual Math Toolpage


Along with those four tools that can be used by parents and caregivers to support learning at home, all TDSB students can access additional digital math tools that are often used in class alongside classroom teachers.

The TDSB's internal **Virtual Math Toolpage** (bit.ly/virtualmathtoolpage) is accessible to all TDSB students and staff (TDSB login required) and contains the most popular board-supported digital math tools.


TDSB Virtual Math Toolpage

Click on an icon to access the tool or website


**Tool is available in French




Adobe Express
for Education




Graspable Math




SCRATCH**




brainiaccamp**




Knowledgehook**



Tumble
MATH



desmos**




Pearson
mathology**
Digital Math Tools Menu

K-4
English


K-4
Français

Gr. 5-8
English


Gr. 5-8
Français




mPower




GeoGebra**




Polypad**




two Mathify



TDSB MATHEMATICS
FOR EDUCATORS



tdsb
virtual
library



TDSB MATHEMATICS
FOR FAMILIES & CAREGIVERS

A screenshot of the TDSB Virtual Math Toolpage (bit.ly/virtualmathtoolpage)

To access the Virtual Math Toolpage from home:

1. Go to <http://bit.ly/virtualmathtoolpage>.
*Note: If you receive the message "You need permission to access this published document," click on the link in the message to **sign in as a different user**.*
2. Login using your child's TDSB email address and password.