



SUMMER MATH SUCCESS: FUN WAYS TO SUPPORT YOUR CHILD'S LEARNING!

Math in Everyday Life

Math is everywhere, and here are some fun ways to explore it with your child every day. Sort groceries or clothes by their attributes (size, colour, shape, amounts), go on a shape hunt around the house, count the steps on your staircase, measure ingredients while cooking and discuss doubling recipes, and calculate the travel time for your next trip.

Let's make math a part of your summer adventures!

Math in Nature

Summer is perfect for outdoor adventures, and nature is a wonderful teacher. Discover patterns, shapes, and symmetry in leaves and flowers. Measure how much it rained overnight or during the week and create a graph together. Track the daily growth of your tomato plants. Count or skip-count objects you find in nature. Let's turn summer fun into a math learning journey!

Math in Games and Puzzles

Board games, card games, dice games, and puzzles are fantastic for math fun. Games like Sudoku, Crazy 8s, Bingo, Yahtzee, Snakes and Ladders, Battleship, and Monopoly all boost math skills. Puzzles help with proportional reasoning and problem-solving. For practicing addition and subtraction, try playing "I Have, You Need" with numbers up to 5, 10, 20, and beyond, e.g. I have 4, how many more do you need to make 10. Turn game time into math time this summer!

Math in Art

Art is full of math fun. Create art projects exploring different sizes, angles, symmetry, shapes, and transformations like translations, rotations, and reflections. Dancing is like no-tech coding—have your child create a dance with a repeating pattern. Music involves math too, with tempo, pitch, timing, and form. Sewing connects measurement, spatial reasoning, and patterns.

Make bracelets and necklaces to explore patterns.

Let's blend creativity with math this summer!

Math in Technology

If your child loves tech, there's a world of free online learning waiting. Practice your math skills with Magma Math and Knowledgehook. Explore coding with Scratch, and dive into virtual manipulatives with Polypad. Spark math conversations and reasoning with Math Before Bed's visual prompts.

Websites to Support Math at Home

Magma Math



For students in Grades 3–9, Magma Math supports Ontario curriculum-aligned learning by providing them with engaging practice they can access anytime during the summer, helping them maintain and build their math skills through timely feedback. Sign in by clicking on the Microsoft icon.



scratch.com

Scratch is a safe and playful learning environment that engages all children in thinking creatively, reasoning systematically, and working collaboratively—essential skills for everyone in today's society.



Knowledgehook



Knowledgehook is an interactive math program used to deepen understanding of the Ontario curriculum while engaging students in visual questions with visual manipulatives. Over the summer, students can keep their math skills sharp in a fun, low-pressure way. Sign in with Google.



Explore math manipulatives at home with this online tool! This website allows your children to be creative in showing you their thinking and understanding of essential math concepts they have learned at school. Have fun exploring shapes, numbers, fractions, and more.

Polypad



Math Before Bed

Bring math conversations into your family. Math Before Bed is a website that displays images to spark math conversations with your children. Ask them: What do you notice? What do you wonder? How many? How do you know? This is a great activity to add into your bedtime routine!

