

Math and Numeracy Resources for Lower School Families 2023

[Parent Strategies for Improving Your Child's Math](#) (NWEA) ***good for all ages***

- Each person rolls a pair of dice and adds, subtracts, or multiplies the numbers.
- Arrange various objects (e.g., books, boxes, and cans) by various size and measurement attributes (e.g., length, weight, volume). Talk with your child about how they are arranged using comparison words: *taller, shorter, narrower, wider, heaviest, lightest, more, less, about, same*.
- Ask questions that involve equal sharing. For example, "Seven children share 49 baseball cards. How many cards does each child get?"
- Open a pack of Skittles or M&M's and make a bar graph showing the number of each color found.
- Provide your child with verbal math problems. "Take the number five; add six; multiply by three; subtract three; divide by five. What's your answer?"

[Your Child's Mathematical Mind](#) (Scholastic) ***best for younger students***

- Provide blocks and open-ended materials (e.g. clay, sand, and water).
- Invite your child to set out enough snacks or cups for each family member, as it helps them see real meaning in that number. Matching straws to cups and plates to people develops the concept of one-to-one correspondence.
- Collect, classify, and sort things (e.g. rocks, marbles, pennies, shells, gummy bears).

[Raising Kids Who Love Math Even If You Don't](#) (NPR) ***good for all ages***

- Point out math even in the most ordinary moments (e.g. if a book won't fit while they are trying to put it away, ask "Why doesn't it fit? Maybe the book is too tall? Too big?")
- Look out for visual patterns (e.g. in fence posts or in flowers)
- Play math (with board games, card games, puzzles, and more)
- Ask real, open-ended questions (e.g. "How do you know this table is round?" instead of "What's the shape of this table?")

Recommended Websites for Parents

- [Early Family Math Resources](#) *great resources organized by stages of math development*
- [Talking Math With Your Kids](#)
- [Math Anywhere](#)
- [Math For Love](#)

Online Games for Kids

- [Math Fact Lab](#)
- [SplashLearn](#)
- [Khan Academy](#)
- [Prodigy](#)

Math in Focus School to Home Connections

- [Grade K](#)
- [Grade 1](#)
- [Grade 2](#)
- [Grade 3](#)
- [Grade 4](#)
- [Grade 5](#)
- Note that you can purchase a Math in Focus "extra practice and homework set" [here](#).