

Helping Your Child with Math at Home

For younger students, integrate math into daily life by cooking, shopping, or sorting, and use games and puzzles to make learning fun.

For older students, focus on breaking down complex problems, reviewing math assignments together, and connecting math to real-world scenarios like home projects, sports, or finances.

Activities for all ages (K-6)

- **By knowing math facts automatically**, students will be able to understand concepts of operations and algebraic thinking, number and operations in base of ten, number and operations with fraction, and the number system.
- **Integrate into daily routines:** Have children count items while you grocery shop, set the table, or measure ingredients for a recipe.
- **Play games:** Use a deck of cards for addition, subtraction or multiplication war, place value or comparison games, play board games, or use [flashcards](#) for facts. Twister with numbers. Use dice to play Bingo. Dominos for place value, adding, or subtracting.
- **Use physical objects:** Teach geometry by folding napkins into shapes or use blocks to build models.
- **Use puzzles:** Work on tangram puzzles or construct a magic square to build critical thinking skills.
- **Create visuals:** Make graphs to represent data, like favorite colors or types of pets.
- **Review together:** Go over new concepts with your child, but also help them develop their own study habits.
- **Connect to interests:** Highlight math in sports statistics or when shopping for bargains.
- **Break down problems:** Help them learn to tackle complicated problems by breaking them into smaller, more manageable steps.
- **Encourage persistence:** Foster a mindset that encourages persistence, especially with difficult problems.
- **Curriculum Programs and Resources:** Some great math apps and websites to use for practice are Khan Academy, My Flashcard App, Math Monster, Math Flashcards, Imagine Math, and Math is Fun.