

Math Expressions - Parent Resource Document

Math Expressions is a comprehensive, standards-based elementary math resource that offers a balanced approach to teaching and learning mathematics. *Math Expressions* uses manipulatives, visual models, conceptual language, and real-world situations to help students build deep mathematical understanding.

What does *Math Expressions* look like in the classroom?

Structures of the program:

- **Quick Practice** - Involves whole-class responses or individual partner practice and is frequently led by students
- **Student Leaders** - Teachers facilitate students' growth by helping all students take on leadership roles with structured practice activities
- **Building Concepts** - Objects, drawings, conceptual language, and real-world situations strengthen mathematical ideas and understanding
- **Math Talk** - Students explain thinking using drawings that support understandings and promote meanings
- **Helping Community** - A classroom in which everyone is both a teacher and a learner to enhance mathematical understanding, competence, and confidence.

Click on the grade level links below for more in-depth information on how you can support your child at home:

(note: Grade 6 material is currently being updated)

Unit Overviews	Summaries of each unit in <i>Math Expressions</i>	K	1	2	3	4	5	
Family Letters	Summaries of the research used in the writing of each unit as well as the mathematical background for the units. These can be a great resource to see how individual units build upon instruction from previous units and prior grade levels.	K	1	2	3	4	5	
eGlossary	An online glossary of vocabulary used within the <i>Math Expressions</i> program. The glossary includes audio, graphics, and animation.		1	2	3	4	5	
Accessible Algorithms	Explains the algorithms (computational procedures) that students will learn for addition, subtraction, multiplication, and division.			2	3	4	5	
Math Expressions Videos	These videos are provided by the publisher and are intended for teachers as professional development on routines in <i>Math Expressions</i> . From a parent perspective, these videos provide insight on the ways that students are solving problems and what is being taught in the classroom.	K	1	2	3	4	5	6