

# Mathematics

## *Expectations for Students and Ideas for Parents*

Expectations	What will students have to do?	What can parents do to help?
Build skills across grade levels.	Keep building on learning year after year.	Be aware of what your child struggled with last year and how that will affect ongoing learning.
		Advocate for your child.
		Ensure that support is given for “gap” skills, such as negative numbers, fractions, etc.
Develop and use number sense.	Spend more time using mental math and developing strategies for working with numbers and numerical concepts.	Know what the priority work is for your child at their grade level.
Use math facts easily.	Go more in-depth on each concept.	Spend time with your child on priority work.
		Ask your child’s teacher for reports on your child’s progress on priority work.
Think fast AND solve problems.	Spend time practicing by doing lots of problems on the same idea.	Push children to know, understand, and memorize basic math facts.
		Know all the fluencies your child should have.
		Prioritize learning the fluencies your child finds most difficult.
Really know it, really do it.	Make the math work, and understand why it does.	Ask questions and review homework to see whether your child understands <i>why</i> as well as <i>what</i> the answer is.
	Talk about why the math works.	Advocate for the time your child needs to learn key math skills.
	Prove that they know why and how the math works.	Provide time for your child to work on math skills at home.
Use math in the real world.	Apply math in real world situations.	Ask your child to do the math that comes up in daily life.
	Know which math skills to use for which situation.	