

Unit 1

Family Letter

Reveal
MATH[®]

Dear Family,

Welcome to *Reveal Math*! We are excited to be part of your child's math journey. Throughout the school year, your child will be encouraged to notice and wonder about the math of different situations, to talk about their mathematical ideas, and to reflect on their learning about mathematics.

In this first unit, *Math Is...*, your child will think and talk about what it means to do math and to see him or herself as a "doer of mathematics."

Math in Action

Hi, I'm Dakota.

I love seeing math all around us! Do you see math all around you? Remember that we're all doers of math.



What terms will your child use?

In this unit, your child will use terms related to how we think and talk about mathematics.

Term	Student Understanding
argument	a set of reasons to explain a position or solution
critique	When you critique someone's thinking, you comment on its reasonableness.
defend (arguments)	When you defend an argument, you explain your reasoning.



What can your child do at home?

Encourage your child to notice math at home and outdoors and to see him or herself as a doer of math. You may want to share your math story with your child and emphasize that doing math is more about solving problems and finding patterns than computation.

What Will Students Learn in this Unit?

What it means to “do math”

Your child will explore what it means to do math – what are the habits of mind that proficient “doers of math” use. These habits of minds include

- making sense of a problem,
- using math to model a problem situation,
- reasoning about quantities,
- explaining their thinking and responding to the thinking of classmates,
- choosing appropriate tools,
- being precise,
- noticing patterns and making generalizations.

Your child is introduced to the **Math Is...** feature that they will encounter in every lesson of the program. This feature offers prompts to help your child develop these important habits of minds.

Their Math Story

Your child will interview their teacher or another adult about their math story and will then write about their own math story. Your child will be encouraged to expand their understanding of their strengths in math beyond just being fast with number facts to help them build a sense of agency as a doer of math. Your child is introduced to the **Math is... Mindset** feature that targets building your child’s social and emotional competencies of self-awareness, self-management, social awareness, relationship skills, and responsible decision-making.

A Productive Math Classroom

Your child will participate in a discussion establishing the classroom norms for the math class. Your child will think about how he or she needs to interact with classmates to promote respectful conversations and productive exchanges.