

Grade 1
Family Letter



Dear Family,

Welcome to *Reveal Math!* We are excited to be a part of your child's math journey this school year. In designing *Reveal Math*, we set as a goal to help students see math not just as a series of computations and procedures, but as a way of visualizing and communicating about their worlds and solving problems in the world. A second goal was to help students realize that being proficient doers of mathematics does not require speed with operations, but creativity, thoughtfulness, and flexibility. We are excited to share our enthusiasm for math with you and your child.

Reveal Math offers visually engaging print components and robust and interactive digital components. You can experience the digital course with your child by logging in to **my.mheducation.com** and entering your child's username and password.

Your login information

Username: _____

Password: _____



What can your child do at home?

Help your child see math in everyday events and activities, such as setting a table for a shared meal, cooking, shopping, or outdoor activities. Provide opportunities for your child to build proficiency with the key concepts they will be learning this year.

What Will Students Learn This Year?

Number sense and number patterns

Students will:

- build understanding of the base-ten place value system on which our numbering system is based;
- learn that ten ones can be grouped to form a new unit called a ten;
- extend their proficiency with counting sequence to 120 so that they can start with any number to count to 120.

Addition and subtraction

The major focus of students' math learning is on addition and subtraction. Students will:

- expand on the meanings of addition as adding to and putting together and subtraction as taking from and taking apart;
- learn a new meaning of addition and subtraction – that of comparison. They understand that addition or subtraction can be used to represent how many more and how many fewer/less situations;
- expand on strategies to add and subtract, such as make a ten, decompose one or both addends and adding by place value, and use addition to subtract.

Measuring lengths

Students will:

- explore ways to determine lengths of objects using everyday objects, such as paper clips, connecting cubes, and tiles;
- realize that when measuring lengths, they need to align the measuring units end to end with no gaps or overlaps.

Reasoning about geometric shapes

Students will:

- deepen their understanding of the attributes of two-dimensional figures, such as squares, triangles, rectangles, hexagons;
- distinguish defining attributes, such as number of sides and number of angles, from non-defining attributes, such as size, color, or orientation.