

# Grade 5 Family Letter

Reveal  
**MATH**<sup>®</sup>

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?

## Fractions

A major focus of students' math learning is operations with fractions. Students will:

- add and subtract fractions with unlike denominators;
- solve problems involving addition and subtraction of fractions with unlike denominators;
- multiply a fraction or mixed number by a whole number or a fraction or mixed number;
- solve problems involving multiplication of fractions or mixed numbers;
- divide a unit fraction by a whole number and a whole number by a unit fraction
- solve problems involving division of unit fractions by whole numbers and vice versa.

---

## Operations

Students will:

- fluently multiply whole numbers using a standard algorithm;
- add, subtract, multiply, and divide decimals to hundredths;
- divide up to 4-digit dividends by 2-digit divisors;
- solve multistep problems involving multiplication and division;
- compare decimal fractions.

---

## Geometric measurement: volume

Students will:

- understand that volume is a cubic measurement found by multiplying three dimensions of a 3-dimensional figure: length, width, and depth;
- solve problems involving volume.

---

## Reasoning about geometric shapes

Students will:

- categorize two-dimensional figures in a hierarchy.