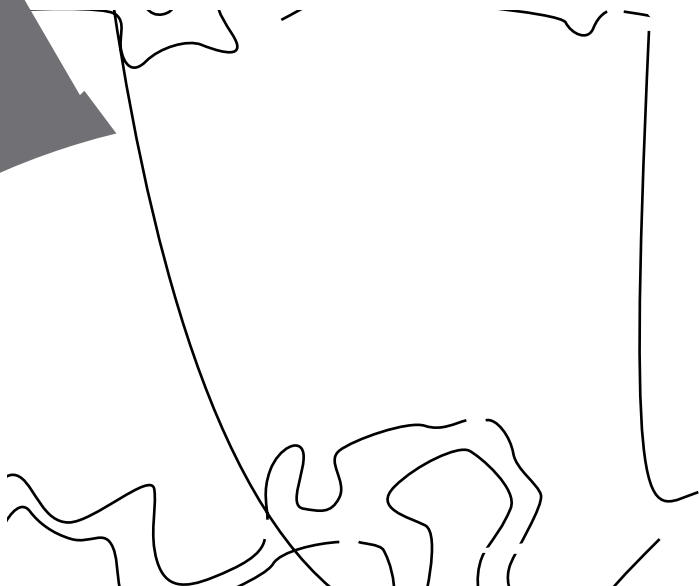






*America's schools
are working
to provide higher
quality instruction
than ever before.*

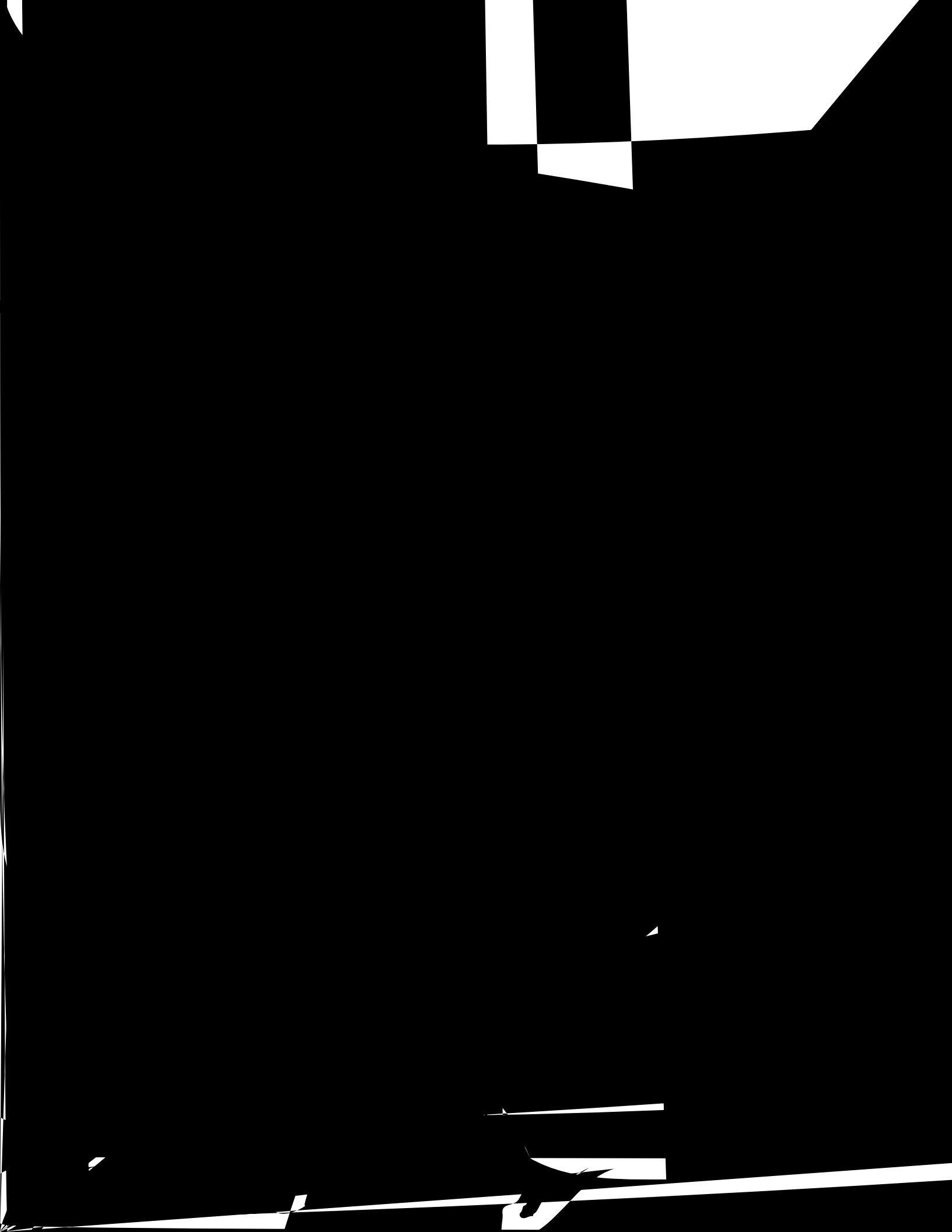
The way we taught students in the past simply does not prepare them for the higher demands of college and careers today and in the future. Your school and schools throughout the country are working to improve teaching and learning to ensure that all children will graduate high school with the skills they need to be successful.

In mathematics, this means three major changes. Teachers will concentrate on teaching a more focused set of major math concepts and skills. This will allow students time to master important ideas and skills in a more organized way throughout the year and from one grade to the next. It will also call for teachers to use rich and challenging math content and to engage students in solving real-world problems in order to inspire greater interest in mathematics.

*What your child
will be learning in
grade five
mathematics.*

In grade five, students will build their understanding of the place value system by working with decimals up to the hundredths place. Students will also add, subtract, and multiply fractions, including fractions with unlike denominators. They will continue to expand their geometry and measurement skills, learning the concept of volume and measuring the volume of a solid figure. Activities in these areas will include:

- Quickly and accurately multiplying multi-digit whole numbers
 - Dividing numbers with up to four digits by two digit numbers
 - Using exponents to express powers of 10 (in 10^2 , 2 is the exponent)
 - Reading, writing, and comparing decimals to the thousandths place
 - Adding, subtracting, multiplying, and dividing decimals to the hundredths place
 - Writing and interpreting mathematical expressions using symbols such as parentheses. For example, “add 8 and 7, then multiply by 2” can be written as $(8 + 7) \times 2$
- 







Helping your child learn outside of school

1. Use everyday objects to allow your child to explore the concept of fractions. For example, have your child divide a candy bar (or a healthy snack) between three people. Ask, "How much does each person receive?" (Each person would receive $\frac{1}{3}$). Suppose there are three candy bars that you plan to share with two friends. Have your child describe the amount that each person will receive.
2. Have your child explain how to write fractions in different ways. For example, what are some different ways to write $\frac{1}{3}$? He or she could answer $4 \div 3$, $1\frac{2}{3}$, $2 \times \frac{2}{3}$, $\frac{8}{6}$, $4 \times \frac{1}{3}$, etc.
3. Ask your child to give you a fraction equal to a decimal. For example,

Additional Resources
