

1st GRADE MATHEMATICS



Welcome to First Grade! Our goal is to help you understand the mathematics your child will be learning this year. This letter will help you better understand the mathematics expectations for 1st Grade and the supporting resources to provide ideas of how to work with your child at home throughout the school year. For additional support and questions, please contact your child's teacher at their school.

In 1st Grade, there are seven mathematics content standards for students to learn. Your child will learn to demonstrate skills and strategies needed to succeed in mathematics, including critical thinking, reasoning, effective collaboration and expression. Your child will also be encouraged to seek help and to apply feedback to the task at hand while setting and monitoring individual goals. Learning to solve problems successfully will be a goal for students all year.

1st GRADE MATHEMATICS CONCEPTS

NUMERICAL REASONING

read, write, & represent values to 120 and compare values to 100

explain the relationship between addition and subtraction and solve real-life problems within 20

use concrete models and properties to add and subtract within 100

PATTERNING & ALGEBRAIC REASONING

identify, describe, extend, and create patterns in the real world

MEASUREMENT & DATA REASONING

measure, order, and compare intervals of length and time, as well as denominations of money and analyze data

GEOMETRIC & SPATIAL REASONING

compose shapes, analyze qualities of shapes, and relate their parts to a whole



How will your child engage when learning mathematics?

<u>Positive Mathematical Mindsets</u>	<u>Mathematical Practices</u>
<p>Fostering positive mathematical mindsets is essential to support your child's mathematical growth and development.</p>	<p>Mathematical practices are the habits of mind for learners to demonstrate as they are engaging in exploring the mathematics content.</p>
<u>Mathematical Modeling</u>	<u>Statistical Reasoning</u>
<p>Students will be expected to engage in the cycle for Mathematical Modeling in all learning tasks and activities to support student engagement at the highest level.</p>	<p>Students will be expected to engage in the four-part statistical problem-solving process K-12 by asking statistical questions, collecting data, analyzing data, and interpreting the results.</p>

Scan the QR code for more information and access to all links within this document.



Getting to know your child's teacher is important and communication with them throughout the year will support your child's individual growth while learning mathematics. The resource links below are provided to help support learning at home as you engage your child in meaningful work while they are learning mathematics. If at any time you have additional questions or need to request additional support, please reach out to your child's teacher.

