

KINDERGARTEN MATHEMATICS



Welcome to Kindergarten! 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 Kindergarten 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 Kindergarten, there are eight mathematics content standards for students to practice. 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 problem solve successfully will be a goal we work on all year.

KINDERGARTEN MATHEMATICS CONCEPTS

NUMERICAL REASONING

Understand the relationship between numbers and quantities up to 20

Use count sequences within 100 to count forward and backward in sequence

Use place value understanding to build and break down numbers from 11–19

Identify, write, represent, and compare numbers up to 20

Understand the concept of addition, subtraction, and equality to solve real-life problems within 10

PATTERNING & ALGEBRAIC REASONING

Repeating patterns and passage of time

MEASUREMENT & DATA REASONING

Physical and measurable attributes of objects; ask statistical questions; collect and analyze data and graphs

GEOMETRIC & SPATIAL REASONING

Identify, describe and compare basic shapes



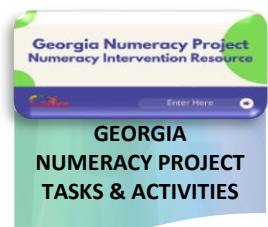
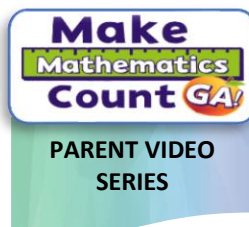
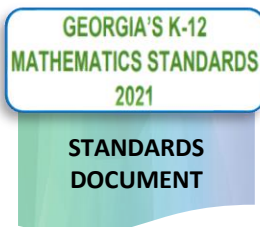
How will your child engage when learning mathematics?

<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.



Richard Woods, Georgia's School Superintendent

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