3rd GRADE MATHEMATICS

Welcome to Third 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 3rd 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 3rd Grade, there are eight 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.

3rd GRADE MATHEMATICS CONCEPTS

NUMERICAL REASONING

represent, read, write, and compare values to 10,000 and round whole numbers up to 1,000

represent fractions in multiple ways using visual models

PATTERNING & ALGEBRAIC REASONING

use part-whole strategies to add and subtract with whole numbers up to 10,000

use part-whole strategies to multiply and divide with whole numbers within 100

MEASUREMENT & DATA REASONING

solve problems involving length, liquid volume, mass, time, and data

GEOMETRIC & SPATIAL REASONING

determine the perimeter of a polygon in real-life

identify the qualities of polygons (parallel, perpendicular, right angles, symmetry)

identify area as a quality of rectangles and determine the area of rectangles

How will your child engage when learning mathematics?

Positive Mathematical Mindsets	Mathematical Practices
Fostering positive mathematical mindsets is essential to support your child's mathematical growth and development.	Mathematical practices are the habits of mind for learners to demonstrate as they are engaging in exploring the mathematics content.
Mathematical Modeling	**Statistical Reasoning**
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.	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.

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

SCAN ME

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.

Parent Resources — GEORGIA MILESTONES

GEORGIA'S K-12 MATHEMATICS STANDARDS 2021 — STANDARDS DOCUMENT

Make Mathematics Count GA! — PARENT VIDEO SERIES

GEORGIA HOME CLASSROOM — DIGITAL LEARNING PLANS

Bedtime Math® — BEDTIME MATH STORIES

Georgia Numeracy Project Numeracy Intervention Resource — GEORGIA NUMERACY PROJECT TASKS & ACTIVITIES