

2nd GRADE MATHEMATICS



Welcome to Second Grade! As your child embarks on this important year, we want to make sure that you understand the mathematics your child will be learning this year. Please use this letter and the supporting resources to become informed of the mathematics expectations for Second Grade and to give you some guidance if your child needs help at home. Please contact your child's teacher if you have any questions.

In Second Grade, there are 7 mathematics standards for students to learn. The mathematical practice standard will allow students to display perseverance and patience in problem-solving. 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 seek help and apply feedback to the task at hand while setting and monitoring individual goals.

2nd GRADE MATH CONCEPTS

NUMERICAL REASONING

represent, read, write, and compare values to 1000 using place value

apply part-whole strategies to add and subtract within 1000

work with equal groups to gain foundations for multiplication

PATTERNING & ALGEBRAIC REASONING

identify, describe, create, and grow patterns

MEASUREMENT & DATA REASONING

estimate and measure distances and lengths to solve problems found in real-life

solve real-life problems involving time, money, and data

GEOMETRIC & SPATIAL REASONING

build and breakdown shapes with specific qualities and observe everyday items



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NUMERICAL REASONING

2.NR.1: Using the place value structure, explore the count sequences to represent, read, write, and compare numerical values to 1000 and describe basic place-value relationships and structures.

2.NR.2: Apply multiple part-whole strategies, properties of operations and place value understanding to solve real-life, mathematical problems involving addition and subtraction within 1,000.

2.NR.3: Work with equal groups to gain foundations for multiplication through real-life, mathematical problems.

MEASUREMENT & DATA REASONING

2.MDR.5: Estimate and measure the lengths of objects and distance to solve problems found in real-life using standard units of measurement, including inches, feet, and yards and analyze graphical displays of data to answer relevant questions.

2.MDR.6: Solve real-life problems involving time and money.

PATTERNING & ALGEBRAIC REASONING

2.PAR.4: Identify, describe, extend, and create repeating patterns, growing patterns, and shrinking patterns.

GEOMETRIC & SPATIAL REASONING

2.GSR.7: Draw and partition shapes and other objects with specific attributes, and conduct observations of everyday items and structures to identify how shapes exist in the world.

It is critical that you form a partnership with the teacher to help your child grow to become a mathematically literate citizen. There are several resources you may find helpful as you support your child at home. Additional resources can be provided by your child's teacher. We hope you find this information helpful as you engage your child in meaningful work while they embark on the journey of learning mathematics.

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

Richard Woods, Georgia's School Superintendent

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