

Make

Mathematics

Count GA!

2nd Grade

Parent Support Guide



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The ***Make Mathematics Count, Georgia!*** outreach campaign is an exciting project from the Georgia Department of Education to support parents with understanding the expectations of teaching and learning in mathematics. This project includes parent videos and support guides to educate and empower parents in the state of Georgia as they support the implementation of Georgia's K-12 Mathematics Standards. The videos explain the expectations for mathematics learning through the lens of evidence-based practices and standards-based pedagogy. Mathematics educators and parents worked collaboratively to develop the videos and parent support guides provided for each grade level.

2nd Grade Mathematics Concepts

- Extend understanding of base-ten notation.
- Build fluency with addition and subtraction.
- Use standard units of measure.
- Reason with and analyze shapes and their attributes and partition shapes into halves, thirds, and fourths (quarters).
- Measure, estimate, and perform operations involving lengths in standard units.
- Represent and interpret data.
- Develop an understanding of time and money to solve problems.

HELPFUL RESOURCES FOR 2ND GRADE PARENTS

- [Would You Rather](#) - This resource provides the user with two scenarios and the challenge is to weigh which option you would rather select. Students will have to rely on their math understanding to argue for the side they feel is the best choice. This will create a powerful conversation between all involved, will encourage the students to respectfully critique the thinking of others, and will encourage students to make tough decisions based on their mathematical understanding.
- [SolveMe Puzzles](#) - This resource provides students with three different puzzles. In the SolveMe Mobiles, students will work to balance a mobile by solving for unknowns which will require them to rely on their understanding of addition strategies. In the SolveMe Who Am I? puzzles, students will use clues and their number knowledge to solve for the mystery number. Finally, in the SolveMe MysteryGrids, students begin by solving sudoku style problems that require students to use their spatial problem solving skills and then add the more challenging component of requiring students to not only ensure the numbers are not repeated in rows or columns, but also place sums in specific places.
- [Steve Wyborney's Esti-Mysteries](#) - Using the Level 100 Esti-Mysteries (intended for K-2, you will have to scroll for a bit until you see them listed) students will be presented with an image that they will have to estimate. Then the student will be given a series of clues. After each clue, they will have the opportunity to revise their estimate based on the new information. Each time the student will attempt to get as close to the correct estimate, while also being able to explain their thinking. This will encourage conversation of estimation that will stretch into your everyday dialogue and keep students curious about quantity in their daily lives. Also, check out [Splat!](#) and [Estimation Clipboard](#).

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MOVING PARENTS FROM CONSUMERS
IN EDUCATION TO PARTNERS IN
EDUCATION

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