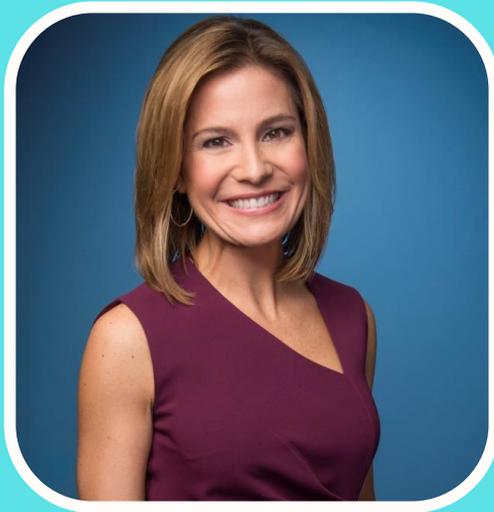


# 7th Grade

# 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 the Georgia's K-12 Mathematics Standards. The videos explain the expectation 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.

# 7TH GRADE MATHEMATICS CONCEPTS

- Develop a deeper understanding of numbers expressing different representations of rational numbers such as fractions, decimals, and percents. They will continue to work with rational numbers in all operations.
- Learn to simplify expressions by combining like terms and apply that learning to solve two-step and multi-step equations and inequalities using the properties of equality.
- Learn to write and solve equations involving angle relationships to determine the measure of a missing angle. Seventh graders will also write and solve equations to find the area, volume, and surface area of solid figures.
- Learn how to apply the statistical aspect of mathematics to the measure of center, variability and population making inferences.
- Discover the concept of probability with simple and compound probabilities.

## HELPFUL RESOURCES FOR 7TH GRADE PARENTS

- [Illustrative Mathematics Open Up Resources Family Materials](#) - Use this resource to discover the big ideas about concepts taught in the 7th grade. Each concept has a sample task that you can try with your child as well as solutions to check your child's work.
- [Talking Math With Your Kids](#) - Use this resource to promote rich mathematical conversations with your child. This website collects research about, and examples of, math talk with children. Each post offers suggestions for adapting the examples for your own children, interests, and lives.
- [Youcubed Parent Resources](#) - Use this resource as a guide that you can take as parents to increase your child's math achievement and make math fun!

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MOVING PARENTS FROM CONSUMERS  
IN EDUCATION TO PARTNERS IN  
EDUCATION

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