



Curriculum – Seventh Grade Accelerated Math

GO Math is designed to fully facilitate conceptual development, as students work from introduction to mastery of each content standard. Students will use manipulatives, models, quick pictures, and symbols as they apply Mathematical Practices to build understanding.

This year your child's curriculum will include the following:

Marking Period 1: The Number System

- Apply and extend previous understandings of operations with fractions to add, subtract, multiply, and divide rational numbers
- The value of any real number can be determined by applying the operations of addition, subtraction, multiplication or division of two or more specific numbers
- Adding and subtracting integers
- Multiplying and dividing integers
- Rational Numbers

Marking Period 2: Ratios and Proportional Relationships

- Numbers are compared by their relative value
- Rates and proportionality
- Proportions and percent

Marking Period 3: Expressions, Equations, and Inequalities

- Ways to express a number or expression; use algebraic expressions and equations to solve real-world problems
- Adding integers with the same and different signs
- Subtracting integers
- Solving multi-step problems involving addition and subtraction of integers
- Multiplying and dividing integers
- Using integer operations to solve real-world problems
- Converting rational numbers to a decimal
- Adding, subtracting, and dividing rational numbers
- Using different forms of rational numbers and using tools strategically to solve problems

Marking Period 4: Ratios and Proportional Relationships/ Expressions, Linear Relationships, Equations, and Inequalities, Statistics, Probability, Geometry

- Use proportions and percent to solve real-world problems
- Find and use unit rates
- Identify and represent proportional relationships
- Use graphs to represent and analyze proportional relationships
- Use percent to describe change
- Rewrite expressions to help you solve markup and markdown problems
- Use percent to solve problems
- Posing questions and deciding what data to collect to address the question
- Using algebraic expressions and equations to solve real-world problems
- Add, subtract, factor, and multiplying algebraic expressions
- Use one step equations with rational coefficients to solve problems
- Write two-step equations

For more information about your child's Math curriculum, please contact your child's teacher or call the Curriculum Office at 857-4234.

Capital School District

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- Write and solve one-step and two-step inequalities
- Linear relationships and equations: express a number or expression, proportional and non-proportional equations
- Statistics, analyzing and comparing data, and random samples and populations,
- Probability, experimental probability, and theoretical probability
- Transformations and Similarities: properties of dilations, effect of a dilation on coordinates, and transformations and the orientation of similar figures
- Angle relationships in parallel lines, triangles, and/or volume