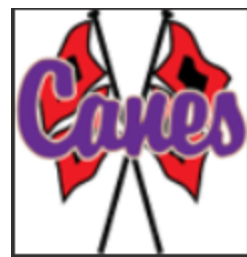




2024-2025
6th Grade Mathematics
Mrs. Cashion



Our Mission: At CMS, we actively seek to understand our students' knowledge, skills, and talents so that we can provide an appropriate match for their learning needs. In response to individual strengths and weaknesses we will adapt instruction while moving forward to mastery of our content standards. Our students must be prepared to compete in the global economy, which requires an increasing level of knowledge and skills in mathematics and problem solving.



Georgia Standards of Excellence:

The students will be able to demonstrate an understanding of the following standards:

- Understand ratio concepts and use ratio reasoning to solve problem.
- Apply and extend previous understanding of multiplication and division to divide fractions by fractions.
- Compute fluently with multi-digit numbers and find common factors and multiples.
- Apply and extend previous understanding of numbers to the system of rational numbers.
- Apply and extend previous understanding of arithmetic to algebraic expressions.
- Reason about and solve one-variable equations and inequalities.
- Solve real-world and mathematical problems involving area, surface area and volume.
- Develop understanding of statistical variability.
- Summarize and describe distributions

See the progression of units and the curriculum outline posted by Georgia Department of Education: <https://www.gadoe.org/Curriculum-Instruction-and-Assessment/Curriculum-and-Instruction/Documents/Mathematics/Georgia-K12-Mathematics-Standards/Georgia-Mathematics-Curriculum-Maps/Grade-6-Mathematics-Curriculum-Map-NEW-2023.pdf>

Instruction and assessment will include the appropriate use of manipulatives and technology. Topics should be represented in multiple ways including pictures, written or verbal, numerical, data-based, graphs, or symbols. In mathematics we will support literacy in our content area through work with vocabulary, real-world problem solving, and occasional journaling. The students will be incorporating the use of calculators more in math class and are encouraged to use them at home.

Evaluation: We use many forms of assessment to evaluate student understanding. Our grading is divided into two main categories:

- Formative Assessments- 40% of the total average (includes individual and group assignments, quizzes, daily work, homework, etc.)
- Summative Assessments- 60% of the total average (tests/exams, and major projects)

You are encouraged to track your child's progress on the computer using PowerSchool. See the CMS front office if you have not yet picked up your login information.

Absences & Make-Up Work: Students *are responsible for asking the teacher* for any work missed when not present in class. All make-up work should be completed within the number of days absent plus one (for example: if a student is out 2 days, then he/she has 3 days to make up the work).

Expectations: Students are expected to be present and to *participate* in class daily. It is imperative that students are prepared for class, including a pencil, notebook, paper, and textbooks. When homework is assigned, students are expected to complete their work on time

Late Work Policy:

Students are encouraged to turn in all assignments completed and on time. The 6th grade has implemented the following policy concerning late assignments:

First Term- 10-point penalty if assignment is turned in within a week of the original due date

Second Term- 20-point penalty if assignment is turned in within a week of the original due date

Third and Fourth Terms- 30-point penalty if assignment is turned in within a week of the original due date

Note: Assignments that are not turned in within a week of the original due date will result in a zero

6th-grade Calculators: Students are encouraged to bring a four-function calculator. If they do not have one, a calculator will be supplied for classroom use. If the classroom calculator is damaged, a replacement fee will be charged.

Tutoring: Math tutoring will be available throughout the year, and the information will be provided as it becomes available

Resources:

Big Ideas Learning – Georgia Math 6th IXL (Found on Clever)

6th Grade Teacher Planning is from 1:48-3:30 Please feel free to email or call your student's teacher if you have questions.