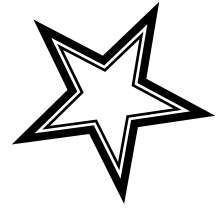


7th Grade Math
CR Anderson Middle School



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★Course Description and Standards★

We will focus on building core middle school mathematical reasoning, covering proportional relationships, operations with signed numbers, algebraic expressions, two- and three-dimensional geometry, and basic probability and populations. Students will connect these areas to solve real-world problems, including incorporation of Indian Education for all connections.

★Learning Goals and Objectives★

There are five modules within the Grade 7 Mathematical Content Standards:

Ratios and Proportional Relationships

The Number System

Expressions and Equations

Geometry

Statistics and Probability

According to the Office of Public Education, a mathematical practice standard is a specific statement that defines the how of student engagement in mathematical reasoning, problem-solving, communication, and collaboration (Harbin Miles & Williams, 2016). Mathematical practice standards focus on the processes and practices students use to apply their mathematical knowledge flexibly, accurately, and efficiently across a variety of applications and scenarios (Harbin Miles & Williams, 2016).

1. Problem Solve and Persevere
2. Abstract and Generalize
3. Justify and Prove
4. Model with Mathematics
5. Represent
6. Collaborate Mathematically
7. Culturally Connect

★Required Materials and Textbooks★

This year we are piloting Carnegie Learning. Students can access it through their Clever login. Active engagement in lessons will dramatically impact learning, so students should come to class ready to participate and learn.

★Grading Policy★

Practice is essential for learning and continued academic success. Successful practice requires structured attempts with specific feedback and the opportunity to try again. This cycle happens over and over with educators providing targeted feedback until students have mastered the concept or met the teacher's learning expectation. If the feedback is not provided or the opportunity to try again is removed, then unsuccessful practice is never corrected.

Grading Scale: 90-100 = A, 80-89 = B, 70-79 = C, 60-69 = D, Below 60% = F

Classwork/Homework: 10 points each

Quizzes: 40 points each

Tests: 100 points

Retakes: Students can redo classwork for an improved grade after a discussion with their teacher. In order to retake a Quiz or Test, they must complete a prearranged review activity first. All retakes must happen by the end of the Quarter.

★Classroom Expectations, Communication, and Parent Engagement★

☆Our Teacher web pages are a great place to find Daily Agendas and links to all online materials. The district is in the process of transitioning to a new website. It is anticipated to launch during the Educator Conferences in October. The easiest way to find teacher information is to go to cra.helenaschools.org.

☆Email is a great way to communicate with us-the more we work together, the more successful this year will be!

☆We are very excited to be your child's teacher this year! Our goals are to make math fun and accessible, and to make CRA a safe and happy place to come each day.

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