

7th Grade Math
CR Anderson Middle School

Kylie Pancich
Room 97
324.2775
kpancich@helenaschools.org

★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:

1. Ratios and Proportional Relationships
2. The Number System
3. Expressions and Equations
4. Geometry
5. 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★

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

- Homework/independent practice/other work will be weighted at 40% in quarterly grades.
- Tests/assessments will be weighted at 60% in quarterly grades.
- Redo, Rewrite, Retest
 - A student may choose to redo a test/assessment if they score lower than 70%.
 - If a student plans to redo a test/assessment, they must contact the teacher immediately after assessment results to determine the additional practice required and to determine the test retake date/time.
 - Students have one week from the original test date to retake or redo an alternate test during Advisor in the Social Studies classroom but must provide evidence of extended practice before.

Late work:

- If an assignment has a yellow 'missing' indication in PowerSchool it will still be accepted for credit.
- Late work will be accepted for full credit until the end of the chapter assessment.
- Late work will be graded ASAP with the understanding that current assignments take priority in grading first.

★Classroom Expectations, Communication, and Parent Engagement★

At CRA Middle School we strive for Cooperative, Respectful, Achievers. Below you will find ways in which students will find success in Social Studies at CRA.

<u>COOPERATIVE</u>	<u>RESPECTFUL</u>	<u>ACHIEVERS</u>
• Follow directions. • Be prepared for class. • Use technology when given permission. • Put technology away when asked. • Be engaged, participate, and have fun.	• Help others. • Show empathy. • Allow others to learn. • Be responsible for your own device/supplies. • Be kind when communicating to others.	• Complete work on time. • Do your best. • Advocate for yourself. • Use technology to enhance learning. • Understand technology is for educational purposes.

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

☆I am very excited to be your child's teacher this year! My goal is to make math fun and accessible, and to make CRA a safe and happy place to come each day.