**Math 8 Syllabus 2023-2024**

C.R. Anderson Middle School, Room 118

Mrs. Kathryn Petaja (Puh-tie-yuh), MA in Math Education (5-12)

kpetaja@helenaschools.org

406-324-2789

Webpage: [kpetaja | Helena Public Schools Staff (helenaschools.org)](https://staff.helenaschools.org/staff_page/kpetaja/)

Office Hours: 3rd period, after school and by appointment

**Supplies:** (If you need assistance purchasing supplies, please let me know.)

* (2) Composition books (one per semester) – to be used for notes and homework
* ¼ inch graph paper – looseleaf or a graph paper notebook
* Loose leaf paper
* Pens, pencils, and highlighters (don’t forget extra lead for mechanical pencils)
* 1 chisel and 1 fine Expo marker
* Folder
* CHARGED Chromebook/laptop, mouse, earbuds, and charger.
* Scissors and glue
* Calculator – you can use Desmos or an online calculator at home; in class, you will use one of my calculators.
* Ruler
* Colored pencils
* \*\*\*You do NOT need to buy a calculator, protractor, or compass. \*\*\*

**Course Objectives:**

* Students will explore linear equations, geometry, and functions. Students will focus on:
	+ Formulating and reasoning about expressions and equations, including modeling an association in bivariate data with a linear equation, and solving linear equations and systems of linear equations.
	+ Grasping the concept of a function and using functions to describe quantitative relationships.
	+ Analyzing two- and three-dimensional space and figures using distance, angle, similarity, and congruence, and understanding and applying the Pythagorean Theorem.

See my webpage for Weekly Agendas, Math 8 Year-at-a Glance, and the Math 8 Standards.

**Be Cooperative:**

* Attendance: Please be at school and on time. The more time you spend in class, the more you will learn.
* Participation: Since your active engagement in lessons will dramatically impact your learning, I expect you to be fully engaged throughout each lesson.

**Be Respectful:**

* Technology: **NO phones during class.** You will either put your cell phone in the cell phone caddy on my desk or in a paper bag (stapled shut) on your desk. Be sure to silence your phone or turn it off. If you need a calculator, you will use one of mine. If there is a consistent problem with phone use, your phone will be turned into administration.

Stay focused on the lesson and what you are asked to do when online. If there is a consistent problem with inappropriate technology use, you will lose in-class computer privileges.

**Be an Achiever:**

* Grading: PowerSchool will be updated once a week for the prior week, typically over the weekend. *Late work is graded and put into PowerSchool* ***after*** *all on-time work is graded.*
* Weighted Grades and Grading Scale:
	+ Grades are weighted by category.
		- Practice (classwork and homework) = 20%
		- Quizzes and IXLs = 30%
		- Tests = 50%
	+ A – 100-90; B – 89-80; C – 79-70; D – 69-60; F – 59 or below
* Redo, Rewrite, Retest: I believe in mastery learning. Mistakes are expected, respected, inspected and corrected. Students may redo any assignment or assessment following the guidelines listed below. Work must be shown to receive credit. Students have one week from the original due date or test date to retake or redo. Students should meet with me individually and complete additional practice prior to retesting.
* Late Work: Late work will be accepted for full credit if it is turned in within the current unit of study. *Late work is not accepted after the unit test*. If you are absent for an assessment, you will need to come in before school or after school to complete the assessment.
* Cheating: Cheating will not be tolerated. This includes copying someone else’s work or letting someone copy your work. Further, you are expected to be honest about any self- or peer-graded scores. The only way you will learn is through practice. Cheating will not teach you!

I acknowledge that I have read and understand the expectations for Math 8 as detailed in this syllabus for the 2023-2024 school year.

Student Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Student Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Parent/Guardian Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Parent/Guardian Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Primary Parent/Guardian Contact Information (please place a star next to the preferred method)

Email: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Phone Number: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_