

Math 8 Syllabus

2023-2024

Mrs. Thompson

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Room 206

Course Objective

Common Core Standards

- Know that there are numbers that are not rational, and approximate them by rational numbers.
- Work with radicals and integer exponents.
- Understand the connections between proportional relationships, lines, and linear equations.
- Analyze and solve linear equations and pairs of simultaneous linear equations.
- Define, evaluate, and compare functions.
- Use functions to model relationships between quantities.
- Understand congruence and similarity using physical models, transparencies, or geometry software.
- Understand and apply Pythagorean Theorem.
- Solve real-world and mathematical problems involving volume of cylinders, cones, and spheres.
- Investigate patterns of association in bivariate data.

Class Expectations

- Be Respectful. Your teacher, your classmates, yourself, and property.
- Complete work, work and let work.
- Be attentive to directions and demonstrations.

I also expect you to follow our school-wide expectations of PAWS:

- **Practice Safety-**
- **Act Responsibly-**Come prepared to class, be ready to learn
- **Work Hard-**Turn in work on time, limit distractions
- **Show Respect-**To yourself (eat/sleep), your teachers, your peers

Supply List

- 1" 3 ring binder*
- Composition book with graph paper
- 1 or 2 packages loose leaf paper (user preference on college or wide ruled)
- Pencils (As many as you need)
- Colored Pencils
- Basic Calculator
- Protractor
- Compass

Grading Policy

Students will be graded on total points from:

- Daily Class Work
- Quizzes and Tests
- Homework

Grading Scale

94% - 100%	A	90% - 93%	A-
87% - 89%	B+	84% - 86%	B
80% - 83%	B-	77% - 79%	C+
74% - 76%	C	70% - 73%	C-
67% - 69%	D+	60% - 66%	D
0% - 59% F			

Other Important Information

- If you are absent, you are responsible for your missed work. You will need to complete it and turn it in within 1 week of returning from your absence.
- I expect you to be in your seat on-time and ready to learn when class begins.
- Water only in the classroom
- Electronics should not be seen or heard. No exceptions. Parents can contact students during lunch or through the office.

GO COUGARS!!!