

7th Grade Mathematics Syllabus

Instructor: Mr. Wagner

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School Year: 2025–2026

Course Overview

7th Grade Math focuses on developing a deeper understanding of mathematical concepts, including proportional relationships, operations with rational numbers, expressions and equations, geometry, statistics, and probability. Students will engage in problem-solving, reasoning, and mathematical communication throughout the year.

Units of Study

Module 1: **Proportional Relationships**

Module 2: **Solve Percent Problems**

Module 3: **Operations with Integers**

Module 4: **Operations with Rational Numbers**

Module 5: **Simplify Algebraic Expressions**

Module 6: **Write and Solve Equations**

Module 7: **Write and Solve Inequalities**

Module 8: **Geometric Figures**

Module 9: **Measure Figures**

Module 10: **Probability**

Module 11: **Sampling and Statistics**

Materials Needed

- Notebook or binder with dividers
- Pencils and erasers

Grading Policy

Tests(40%):

Test will be given at the end of a unit and will be the students final chance to show their proficiency on the information gone over in class.

Quizzes(20%):

Quizzes will be given out as a general check in to see how the class as a whole is understanding the material.

Homework(10%):

This is the assignment type that has the lowest weight because I am not able to go home with you and I do not want to plan on your parents helping you with your assignments. Because of this, homework will also be graded on its completion, not necessarily on correctness. If you are not guaranteed to have someone to help you with work you are struggling on should I put an emphasis on that work?

Classwork(30%):

This will be the bulk of our work and thus will be what I look at the most for your proficiency in the topics we cover

Classroom Expectations

- Be Respectful
- Be Responsible
- Be Ready to Learn
- Ask questions and try your best.
- Follow directions the first time they are given.
- Maintain a positive attitude toward learning.

Additionally, In this class I will require students to show their work on any physical assignment given. Without students showing their work I would be unable to determine where students are getting confused which can make it harder for me to assess their learning and adjust my teaching to better suit them. If work is not given on a physical assignment, students will not receive full credit.

Missing/Make-Up Work:

- Scholars will have five (5) days to complete missing assignments for **full credit**.
- After five days, assignments will be closed and may not be made up **unless** the student was absent, ill, or dealing with a documented family emergency.

- In the case of student illnesses or family emergencies students will have up until a week before the end of the grading period to submit missing/make-up work for **full credit**.

Homework Policy

Homework is assigned regularly to reinforce daily lessons. It must be completed on time. Late homework may receive partial credit unless otherwise excused.

Again, homework is on a completion basis!!! I will not be grading homework on correctness because I will not be at home with you. Homework is Practice!!!

Contact and Communication

Feel free to contact me via email with any questions or concerns. Grades and assignments will be updated regularly by every Thursday of the week.