

Geometry Syllabus

Mr. Wheeler

wwheeler@tahomasd.us

Math Course Description

Geometry emphasizes both basic skills and problem-solving strategies. The key ideas for the year are inductive and deductive reasoning, parallel and perpendicular lines, angle relationships, triangle congruence, properties and attributes of triangles, polygons and quadrilaterals, similarity, right triangles, trigonometry, perimeter, circumference, area, volume, circles and transformations.

Expectations:

What I expect from you:

Come ready to learn
Have a *positive* attitude
Respect the people and things around you
Ask *questions* and speak up if you don't get it

What you can expect from me:

A *positive* attitude
A safe, stimulating classroom
Respect for the people and things around me

Flipped Classroom

- **YouTube Link:** [What is a Flipped Classroom](#) or (<https://youtu.be/iQWvc6qhTds>)
- **Homework:** A typical homework assignment for this class will be to watch a video lecture, take notes, and answer a few questions. This assignment will be due at the beginning of the following school day.
 - **Late/Absent Work:** Late work will be accepted up until the unit test. Any homework after that point will be checked, but not graded. If you are absent the day of the test, your work is due when you return. Absent work is not considered late; you are responsible for getting caught up with any work you missed through classroom; both in zoom class and at home work.
- **Classwork:** Students will use class time to collaborate in groups to solve difficult questions, seek deep understanding of a concept, and complete assessments.
 - Zoom meetings will be used to conduct whole class and small group instruction. We have access to a variety of online resources to enhance instruction. These resources will require your google login and be linked through Google Classroom or provided in in class chat.
 - To succeed in this class, it is essential that you participate and take advantage of learning opportunities.

Grading System

- **Tests (50%):** This will include end of unit tests and finals.
- **Quizzes (30%):** These are roughly twice a month. These are designed so that you can evaluate what you know and what you don't know before a test. There will be opportunities for quiz interventions.
- **Daily Work (20%):** This will include homework and in class activities

93% – 100%	A	70% – 72.9%	C –
90% – 92.9%	A –	67% – 69.9%	D +
87% – 89.9%	B +	60% – 66.9%	D
83% – 86.9%	B	0% – 59.9%	F
80% – 82.9%	B –		
77% – 79.9%	C +		
73% – 76.9%	C		

Materials

- Scientific Calculator (or online equivalent such as [desmos.com/scientific](https://www.desmos.com/scientific))
- Spiral or composition notebook (lined paper or graph paper although graph paper is preferable.)
- Writing utensils (pencils, correcting pens, highlighters etc.)