



**Phone: 713-688-1361**

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### Geometry Course Syllabus 2022-2023

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#### Waltrip Mission

Waltrip High School fosters a safe and challenging learning environment, preparing students for post-secondary education and a competitive global workforce through rigorous core academic instruction, comprehensive social-emotional supports, an array of quality fine arts programs, and comprehensive career and technology education.

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#### Course Content

In Geometry, students will build on the knowledge and skills for mathematics in Grades 6-8, which provide a foundation in geometric measurement of figures.

#### Text

The textbooks for the course are as follows:

- Geometry – located on Digital Resources through Canvas
- Weekly lesson organizers on the Canvas

#### About the Teacher

This is my 26<sup>th</sup> year as a teacher. I love teaching math and science. I have a bachelor's degree in Engineering from Texas A&M University and a master's degree in Education from Endicott College. I believe that interaction and discussion is a key to learning math.

#### Ongoing Objectives

- By the end of this course, the student will have mastered the reading, writing, speaking, and listening skills as written in the Texas Essential Knowledge and Skills for Geometry.
- Students will also have gained an understanding of the math section of the PSAT examination used by evaluators across the United States for college admissions. Elements of the verbal section include Measurement in Data, Tools and Techniques of Geometric Measurement, Measurement in Congruent and Similar Figures, and Measurement in Two or Three Dimensions.
- The student will reflect on their learning through daily written reflections.

#### Grading Scale

Grades are based on points earned on tests, quizzes, problems sets. Each category is weighted as follows:

*Lessons/Class engagement – 20%.*

- Students earn points in this category by participating in weekly lessons. Lessons will be posted on the Canvas for viewing on Monday.
- Students earn points in the category by completing the daily reflection posted on the Canvas.

*Exams/projects- 30%*

- Students earn points in this category by completing the assessments and projects located on Canvas under Modules.

*Classwork/group work – 50%*

- Students earn points in the category by completing the weekly online assignments posted on Canvas. Each week an assignment will be given on IXL that must be completed and submitted in order to receive credit.

**A** = 90%- 100% **B** = 80% - 89% **C** = 75% - 79% **D**= 70% - 74% **F**= 69% & below

### **Class Schedule**

Students will attend class each day the class meets. On Mondays we will review the weekly lesson and go over the weekly expectations. On Tuesday/Thursday and Wednesday/Friday we will meet live to go over guided practice and then students will be responsible for completing assignments on their own.

### **Attendance and Participation**

Attendance and participation are required; it is difficult to learn the content if you are not present in class. Your class participation and attendance can be a deciding factor if your class average straddles two grades.

### **Make-Up Work**

1. It is the student's responsibility to obtain and make up work missed due to excused absences.
2. Make-up work is due one day after the student returns to school following an absence: If you miss school on Monday but return to school on Tuesday then your work is due Wednesday. If you are in school Monday but miss Monday's class, your work is still due on Monday; come see me before you leave early.

### **Retake Policy**

1. You are permitted a maximum of **2** retakes for exams only.
2. The highest grade between the original and the retake is counted.
3. Semester Exams are not eligible for retake.

### **Handing in Assignments/Late Work**

1. Always turn in your assignments to receive feedback.
2. All assignments are due **ON TIME**. Late assignments receive a maximum score of **90%** and are not permitted for extra credit points or retake/correction points.

### **Daily Required Materials (all provided)**

1. laptop
2. pencil
3. Composition book
4. Graph paper

## **Unit Overviews**

**Unit One** – Measurement in Data

**Unit Two** – Tools and Techniques of Geometric Measurement

**Unit Three** – Measurement in Congruent and Similar Figures

**Unit Four** – Measurement in Two or Three Dimensions