

2019-2020



"The capacity to learn is a gift;  
the ability to learn is a skill;  
the willingness to learn is a choice."

Brian Herbert

Kylie Bowles

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Conference Period: 7<sup>th</sup> period (1:25-2:10)

Tutoring hours: Mon.- Fri. 7:30 am-7:50 am, 3:35 pm-4:00 pm, Wed. 3:35 pm-5:30 pm  
(additional time available- please set up time by email)

## Overview

Geometry has multiple practical applications including construction, architecture, welding, and carpentry. Geometry is all around us.

## Objective

Geometry is a one year course designed to teach the student to use deductive reasoning and to acquire knowledge of geometric properties. The course provides one unit credit and prepares the student for Algebra II. Before enrolling in this course, students should have been successful in Algebra I.

## Textbook

*Pearson Texas Geometry* (2016) online & paperback workbook

## Academic Integrity

Anyone caught cheating will be given a **zero** for that grade.

## Grading Procedures

Grading:	Daily Assignments	40%
	Tests & Projects	45%
	Six Weeks Test	15%

Daily assignments will include homework and quizzes. Online assignments are due by midnight the day after assigned. All other assignments are due at the beginning of class. **Homework will be assigned daily** with class time to begin. A weekly assignment/homework board is posted at all times. Late papers will be accepted with a 20-point penalty per day. No late papers will be accepted after they have been graded and returned to other students.

If you miss class, check the assignments on the assignment calendar and do any missed work immediately. **YOU** are responsible to find out what you missed and make up the work within two days of returning to school.

There will be at least two tests per six weeks. If a student fails a test, they will have two days after they received their grade to correct the test for half of their points back. Corrections may only be done in my classroom during activity period or during tutoring times. Six-week tests will be the last week of each grading period. Students should prepare by reviewing tests and quizzes taken during that grading period.

## Tentative Course Schedule

### 1<sup>st</sup> Six Weeks

1. Tools of Geometry
2. Reasoning and Proof

### 2<sup>nd</sup> Six Weeks

3. Parallel and Perpendicular Lines
4. Congruent Triangles

### 3<sup>rd</sup> Six Weeks

5. Relationships within Triangles
6. Polygons and Quadrilaterals
7. Coordinate Geometry

### 4<sup>th</sup> Six Weeks

8. Transformational Geometry
9. Similarity
10. Right Triangles and Trigonometry

### 5<sup>th</sup> Six Weeks

11. Circle Measurement
12. Theorems about Circles
13. Area

### 6<sup>th</sup> Six Weeks

14. Surface Area and Volume
15. Probability

## **Classroom rules/expectations**

1. Be on time and must be seated in the assigned seat when the bell rings. Go to the restroom; get a drink, etc. between classes. Don't ask to go during class unless it is an emergency.
2. Bring *all* necessary materials to class daily. Students should bring to class each day a chromebook, charger, pencil, paper, dry erase marker, and workbook.
3. DO YOUR WORK. Do your work and allow others to do the same.
4. SHOW RESPECT FOR OTHERS.

## **Consequences**

1. Teacher warning/parent contact.
2. Teacher detention
3. Office referral

*Please sign and return the following:*

**I HAVE READ, UNDERSTAND, AND I AGREE WITH THE CONTENT, PROCEDURES, AND EXPECTATIONS EXPLAINED IN THIS SYLLABUS.**

Student Signature: \_\_\_\_\_

Parent/Guardian signature:\_\_\_\_\_

Parent/Guardian email: \_\_\_\_\_