



# Welcome to Geometry 9 with Mrs. Burgess

[burgessmath.weebly.com](http://burgessmath.weebly.com)

## *Contacting Mrs. Burgess*

Room #406

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## *Course Description*

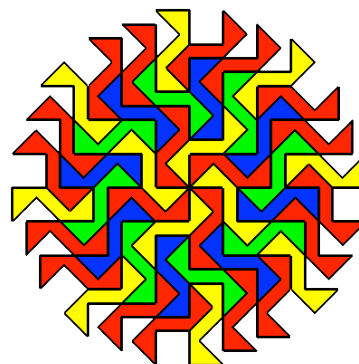
You will develop reasoning and problem solving skills as you study topics such as congruence and similarity, and apply properties of lines, triangles, quadrilaterals, and circles. You will also develop problem-solving skills by using length, perimeter, area, circumference, surface area, and volume to solve real world problems. You will be introduced to formal logic and mathematical proof, including both inductive and deductive reasoning. Recommended for students planning to take Pre - Calculus and above.

## *Please bring to class EVERYDAY!*

1. Book
2. Pencil
3. Binder/Folder
4. Calculator
5. Self - motivation

## *Classroom Policies*

1. Respect yourself, others, and others property.
2. Be prepared for class.
3. Clean up after yourself.



## *Topics we will cover (subject to change):*

### **Semester 1**

Chapter 1: Essentials of Geometry  
Chapter 3: Parallel & Perpendicular Lines  
Chapter 9: Properties of Transformations  
Chapter 4: Congruent Triangles  
Chapter 5: Relationships within Triangles

### **Semester 2**

Chapter 8: Quadrilateral  
Chapter 6: Similarity  
Chapter 7: Right Triangles & Trigonometry  
Chapter 10: Properties of Circles  
Chapter 11: Measuring Length & Area  
Chapter 12: Surface Area & Volume of Solids

## *Cell Phones*

Cell phones can be a major distraction, for you, your classmates and me. If you have them out in the beginning of the hour, it is expected they are put away until the end of the hour. Take charge of your learning don't be distracted by what's happening on your phone. Looking at your phone during a test or quiz is considered cheating.

## Homework

The purpose of homework is to give you the opportunity to practice the skills you learned in class, not to simply keep you busy at night. With this in mind, late homework will not be accepted for a grade; however, you are still expected to complete it for your own benefit. **ALL homework needs to be completed and kept in your binder** if you would like to take advantage of a test retake (see below).

## Quizzes/Tests

All tests and quizzes are announced ahead of time (see the calendar). We are teaching mastery in the freshmen house. If you score below an 80% on a test, then you will have the opportunity to retake one test per semester, **if you have completed and turned in all of your homework for the chapter**. The exact date of the retake will be determined by the teacher after the original test has been returned.

## Getting Help

You are **always** encouraged to ask questions.

If you need extra help, LET ME KNOW! Communication is key!

## Semester Grade

50% Tests/Projects  
30% Quizzes  
20% Homework

## Overall Grade

80% Semester grade  
20% Semester Exam

## Grading Scale

A ≥ 94	B 83	C 73	D 63
A – 90	B- 80	C- 70	D- 60
B+ 87	C+ 77	D+ 67	E < 60

The table above shows the *minimum* percentage you must earn to receive the given letter grade.

# You will be successful in this class!!!

- ✚ Pay attention and ask questions
- ✚ Come to class prepared and on time
- ✚ Complete and turn in work on due date
- ✚ Take good notes and participate
- ✚ Communicate with your parents/guardians!!!

Your grade will reflect the amount of effort put into the class