

## Course Syllabus for Geometry (Part 1)

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Welcome to Geometry! Within this course, students will have the opportunity to make conjectures about geometric situations and prove in a variety of ways, both formal and informal, that their conclusion follows logically from their hypothesis. This course is meant to employ an integrated approach to the study of geometric relationships. Congruence of triangles will be established using appropriate theorems and properties of triangles should receive particular attention. A major emphasis of this course is to allow students to investigate geometric situations. Geometry is meant to lead students to an understanding that reasoning and proof are fundamental aspects of mathematics and something that sets it apart from the other sciences.

### CLASS INFORMATION

Meeting time (Block 4) 1:43 p.m. - 3:15 p.m.

Room 203

### INSTRUCTIONAL MATERIALS

Three ring binder

Notebook paper

Pencil/Pen

Calculator (provided)

Marble composition notebook

### SCHEDULE

Block 1: Planning

Block 2: Geometry

Block 3: Geometry Part 1

Block 4: Geometry Part 2

If you have any questions or concerns please feel free to contact me by email or make appointment in person (available after school any day).

### GRADING POLICY

### GRADING SCALE

Tests - 40%	90% - 100%	A
Quizzes - 30%	80% - 89%	B
Classwork - 20%	70% - 79%	C
Homework - 10%	60% - 69%	D
	59% and below	F

## **CLASS PROCEDURES**

### **1. Entering the classroom**

- Walk quietly into the classroom
- Have the necessary materials needed for the class
- Begin the warm up assignment

### **2. Homework**

- All homework assigned is due the next school day
- Hand in completed work at the beginning of class
- You must show your work. **NO WORK = NO CREDIT**
- Late work and incomplete work will earn at most half credit

### **3. Absences**

- **Absent Folder**
  - It is the responsibility of the student for missed work
  - Look for the missed work in the Absent Folder
  - Due date will be assigned for the missed work
- **Quizzes/Tests**
  - If student is absent on the test review day, the test must still be taken on test day
  - If student is absent on announced test date, student must schedule date and time to make up any missed test on the day they return to school

### **4. End of class dismissal**

- Clean up your area
- Return classroom calculators and any other materials you borrowed
- I will inform when it is time for dismissal

## **CLASS EXPECTATIONS FOR SUCCESS**

1. **Be on Time & Be prepared for class** - When the tardy bell rings, be in your assigned seat, quiet and ready for class. If you are not in your seat, it is a tardy. Bring your notebook, completed homework, pencil, pen and any other required material to class every day.
2. **Respect the Rights and Property of Others** - Be courteous to the teacher and your classmates at all times. Do not bother other students' belongings. Keep your hands to yourself.
3. **Follow the Instruction of the Teacher** - Do not talk during class. Do all assigned work in your notebook. If you have a question, please raise your hand. Students have the right to have their time in class be valuable and productive.

## **COURSE OUTLINE**

Chapter 1 - Points, Lines, Planes and Angles  
Chapter 2 - Reasoning and Proof  
Chapter 3 - Parallel and Perpendicular Triangles  
Chapter 4 - Congruent Triangles  
Chapter 5 - Relationships within Triangles  
Chapter 6 - Polygons and Quadrilaterals

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Your signature is confirmation that you and your child have read and agree with the syllabus as outlined above. Please cut this portion and return it no later than Tues, September 15, 2015 in order to receive extra credit on the first graded assignment. Please provide me with either an email address or a phone number. Thank you.

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

Parent Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Phone number and/or email: \_\_\_\_\_