

**Course Expectations and Student Responsibilities**  
**Ms. Ward 2017-2018**  
**Welcome to Honors Geometry!**

**Course Description:**

Geometry is the study of geometrical relationships in a plane and in space and begins with the study of basic properties and terminology and progresses to the study of proof. To be successful students should have a good understanding of computational skills and problem-solving techniques. Mathematical modeling and application to real-world situations will be emphasized. Students will be expected to work collaboratively as they investigate geometric concepts. Students will be able to understand and communicate using the language of geometry; determine measurements and properties of two and three-dimensional figures, such as parallel lines, triangles, quadrilaterals, circles, pyramids, cones, prisms, and cylinders; use a given set of facts to calculate missing measurements using definitions, geometric theorems, postulates, and trigonometry; to write proofs; to use coordinate geometry to solve and prove statements; and to understand transformations.

**Necessary Items:** Come to class prepared every day. This includes bringing with you ***all*** of the above.

- Durable 3-ring binder (8 ½" x 11") for notes and homework
- loose-leaf paper, pencils
- Scientific calculator.

**Grading System:** The following will be the basis for your quarter grade:

| <u>Requirement</u>              | <u>Percentage of Quarter Grade</u> |
|---------------------------------|------------------------------------|
| Tests .....                     | 60%                                |
| Quizzes/Homework/Projects ..... | 40%                                |

Students will also be assessed on graduation standards for geometry, these standards will be assessed during summative assessments.

**Homework Policy:** Homework is assigned on most nights and due the next day class meets, unless otherwise stated. You are to ***show all of your work.*** It is to be done on loose-leaf paper if assigned from the book or on the worksheet provided. Your work should be done neatly, completely, and to the best of your ability. If you turn your work in on time you will be able to correct mistakes for a higher grade. If it is turned in late you will receive your first grade and can only make corrections for a better understanding.

**Summative Assessments/Retake Policy:** If a student is absent on the day of a test they will be required to take the test the day that they return to class. Student will be able to retake tests ***if*** they have shown work to improve their understanding ***and*** it must be completed within two weeks of the test being returned to the student.

**Notes:** Daily notes will be taken down by the student. You will be responsible for obtaining all notes that they miss due to absences from class. You can come in during TL to get these missed notes.

**Attendance:** If a student is absent for a class for any reason they will be responsible to come see me for the work missed or access the missed work on powerschool. All students will have the opportunity to make up missed assignments due to school absences. The following protocol will be observed and enforced as stated in the student handbook:

- Students must not be out of school or classes in excess of 5 continuous days.
- If a student has missed more than 5 continuous days from school or any class, a note from a 3<sup>rd</sup> party (doctor, court, etc.) must be presented to the school within 3 days of the student's return in order to make up missed assignments.

**make-up missed assignments.**

- It will be the student's' responsibility to request assignments from their teacher(s) within two days of returning to school.
- Students will have the same number of days to make-up assignments as number of days that were missed.

**Punctuality:** Students are expected to arrive to class on time. The rules and penalties for tardiness will be the same as those outlined in the student handbook. Students are to remain in their seats until the bell rings.

**Cell Phones:** In accordance with school policy, there will be no cell phones used during class time. They are to be off and put away at all times. If a student is seen with a cell phone they will be asked to put it on my desk the first time and will get it back at the end of class. The second time a student is seen with their phone it will be brought to the office where the student can pick it up at the end of the day. For each time after that it will be brought to the office and will need to be picked up by a parent/guardian.

**Ipads:** Laptops will be closed and off your desk unless we are using them for a classroom activity.

**Extra Help:** Please do not hesitate to stop by and ask questions. **Seek help early and often.** It is easier to keep up than to catch up. I am available for extra help most days before and after school. Please check with me to make sure that I will be here on a day you are planning to come. You may choose to come in during targeted learning you would like extra help.

**Units:** Descriptions and standards will be handed out at the beginning of each unit.

|   |
|---|
| 1. Geometry Basics                                    |
| 2. Congruent Angles, Parallel and Perpendicular Lines |
| 3. Congruent Triangles                                |
| 4. Relationships within Triangles                     |
| 5. Constructions                                      |
| 6. Polygons and Quadrilaterals                        |
| 7. Similarity   |
| 8. Right Triangles and Trigonometry                   |
| 9. Transformations                                    |
| 10. Circles   |
| 11. Surface Area, Volume, and Area                    |



|                      |                          |                                 |
|----------------------|--------------------------|---------------------------------|
| <i>Course Title:</i> | <b>Geometry - Honors</b> | <i>Teacher:</i> <b>Ms. Ward</b> |
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You are to keep the first two sheets for reference, please return this sheet to me no later than Wednesday September 6.

I have read, understand, and will adhere to all the rules in the attached syllabus.

Student name (PRINT): \_\_\_\_\_

Student signature: \_\_\_\_\_

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

Please write your preferred method of contact below (email or phone):

\_\_\_\_\_

Questions/Comments:

