

HONORS GEOMETRY

2015 – 2016

Ms. Jen Schultz

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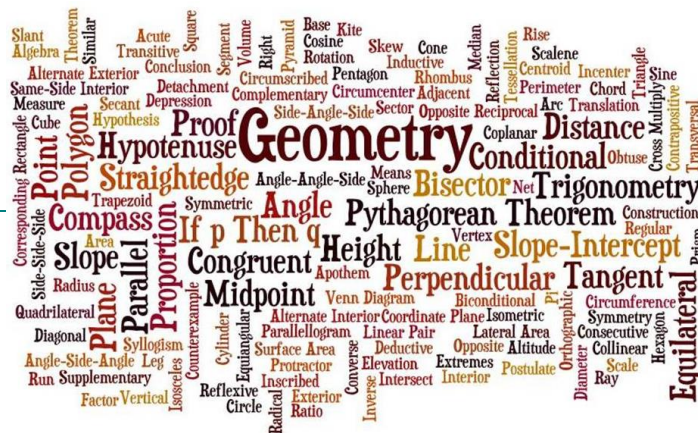
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Course Description

Geometry begins with developing the tools of geometry, including coordinate geometry, constructions, transformations, and proof. These tools are used throughout the course as students formalize geometric concepts involving lines, angles, triangles, similarity, congruence, quadrilaterals, trigonometry, volume, circles, and parabolas. There is a focus on modeling, problem solving, and proof throughout the course.

Topics Outline

1. Tools of Geometry
2. Reasoning & Proof
3. Parallel & Perpendicular Lines
4. Similarity
5. Congruent Triangles
6. Quadrilaterals
7. Right Triangles & Trigonometry
8. Area, Surface Area, & Volumes
9. Circles
10. Circles & Parabolas in the Coordinate Plane
11. More on Transformations

A Collaborative Classroom

The philosophy – Learning by Doing – captures the belief that students develop understanding and skill by taking an active role in their environment. Furthermore, effective communication and collaboration are essential skills for the successful learner. It is through dialogue and discussion of different strategies and perspectives that students become knowledgeable independent learners. These beliefs can be realized in the collaborative classroom.

Supplies

- A binder
- A writing utensil
- Paper
- A great attitude

We don't have a text; a binder is REQUIRED to hold and organize all course documents.



Need Help?

I'm available during 4th hour lunch and after school until 3:15 (except on Wednesdays).

Grades

The following factors will be used in calculating your semester grade:

- 🕒 Formative Assessments ~ 15%
 - In-class work and participation, homework, note quizzes
- 🕒 Summative Assessments ~ 65%
 - Quizzes, tests, and projects
- 🕒 Semester Exam ~ 20%

Homework

Homework is assigned daily and is graded as follows:

- Completion: 5 points
 - 2 point deduction for late work
 - "past due" one week & a day from when assigned – may submit completed assignment for 3/10
- Accuracy: 5 points
 - I spot-check 5 problems – work must be shown to receive credit.



District Policy:

*Electronic devices are to be turned off during school hours and kept in backpacks, purses, or pockets during each instructional period. Electronic devices **will be confiscated** from any student found to be out of compliance with this policy. Phones can be picked up at the end of the school day.*

Classroom Expectations

A pupil’s success in school is his/her responsibility. I am dedicated to helping all students succeed. It is my goal this year to provide a positive and well-structured environment in my classroom. As a teacher, I believe that every student can behave appropriately while in my classroom and that every student has the capability to succeed. I will, however, tolerate no student stopping me from my teaching and/or any student from learning. Your support of the following rules and recommendations will help ensure this environment is present.

- Follow directions the first time given.
- Be on time and prepared for class.
- Be attentive and participatory. Respectfully participate in discussions without profanity, disrespect, or incivility toward the instructor or other students.
- Be respectful of the instructor and other students. There is no talking when others are talking.
- Raise your hand to speak and remain in your desk until you have permission to leave.
- Do not pack up until one minute before the bell.
- Backpacks and purses on the floor, please.

Consequences for failing to meet expectations:

<u>1st offense</u>	<u>2nd offense</u>	<u>3rd offense</u>	<u>4th offense</u>
Warning	Parent/guardian contacted	15-minute lunch clean up	Referral

Attendance

Attendance is an integral part of success in both a child’s academic world and life after graduation.

When an absence is excused, students are allowed one day for each day absent to submit make-up work.

Students are expected to get any work in advance if they know they will be missing school.

It is the student’s responsibility to find out what was missed before or after class, *not during class time*. Be sure to check the calendar—located on the front table—and file folders for homework and handouts. All tests and quizzes must be made up by appointment only.



**TARDY?
REPORT TO SWEEP**

Student Success

I believe that every student can succeed.

No grade is final unless YOU decide it’s final.

What can you do to raise your grade?

- Make corrections to homework assignments (if submitted on time)
- Complete an Error Analysis of ANY assessment
- Retake an assessment – TWO per quarter
- Seek help – I’m available during 4th hour lunch & after school until 3:15.
- Use my website – www.schultzjen.weebly.com – for links to helpful websites & other resources

What is an Error Analysis? An E.A. offers you the opportunity to earn back a percentage of your assessment grade. You have to identify what you did wrong and correct each problem that was marked incorrect.

Assessments cannot be taken out of the classroom, therefore, if you choose to complete an E.A. you must come in during lunch or after school.



In order to retake an assessment, all assignments must have been completed & you must complete an error analysis.

SIGN UP FOR
MS. SCHULTZ’S
MESSAGES:



To receive messages via text, text your class code to 81010

You can opt-out of messages at any time by replying “unsubscribe <class code>”

Class code: @4dba78