

Honors Geometry Overview and Policies 2016-17

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“Inspiration is needed in geometry, just as much as in poetry.” -Alexander Pushkin

General Topics for 1st Semester: Properties, Definitions, and Constructions of Geometric Figures-- Congruence and Similarity-- Linear and Angle Measurements-- Parallel and Perpendicular Lines-- Properties of Triangles and Polygons-- Inductive and Deductive Reasoning-- Geometric Proofs-- Extensions. (Primarily chapters 1-6 in the text.)

Text: McDougal Littell, Geometry- Reasoning, Measuring, Applying by Larson, Boswell, and Stiff, 2004. (Your textbook is expensive and we want it to be in good shape for years- it MUST be covered!)

Materials: You will need pencils, pens, a scientific OR graphing calculator, a ruler, a protractor, graph paper, a highlighter, and a math notebook or binder section. (I suggest using a spiral bound notebook for HW and class notes and folders or a small binder for handouts and old quiz and tests.) Additionally, everyone must bring in a box of tissues for classroom use by Friday September 9th. Please see me if you are concerned about getting any of the materials mentioned here and we will make it work ☺

Grading Breakdown for 1st term*:

- A. Individual Class Participation/Work and Group Participation/Work– 10%
- B. Homework and Homework quizzes- 10%
- C. Quizzes- both open and closed notes 30%
- D. Tests and Project Assessments- 50%

*The grading breakdown is subject to change. You would be informed of any change and the reasoning behind it. In future terms, tests will carry a heavier weight and homework and class work will weigh less.

Unexcused Lates: If you are late to class without a pass, sit down to work as quickly and quietly as possible. Each unexcused late is recorded and brings down your Class Participation grade. As is WHS policy, 3 lates = 1 cut. Being late is a distraction to the class, a hassle for the teacher, and it will make class more difficult for the late student. Generally it's also disrespectful- please do your best to be on time!

Unexcused Absences and Cuts: You will receive a zero for any HW, quiz, in-class assignment or test that you miss due to an Unexcused Absence or a Cut for my class. If you need to talk to me about exceptional cases then do so ASAP. Do the math- zeros hurt your grade a lot. Plus, you'll miss out on good mathematics- come to class!

Excused Lates and Absences: When you are out, please check our Canvas Class Page and call or communicate online with a classmate for homework, notes, and other information when possible. Any previously assigned work is due on the day you return to school. You can also email me if you need to and check in with me face-to-face when you return to class about anything you missed. (Please refer to the Student Handbook, pgs. 57-59 for more on WHS Attendance Policy.)

Other Classroom Policies:

1. Extra Help/Open Classroom/MATH LAB- You are strongly encouraged to come to room 428 when you have questions or just need a place with good thinking air to do some work. And if you need to set a time to discuss something privately, come by and we'll try to set that up. I will be available some days each week from 8-8:30 AM or from 2:35-3:10 PM. After the first week I will post an official Extra Help/Open Classroom availability schedule on the door each week. Use extra help and or the Math Lab for support when you need it. The Math Lab schedule is posted in my room, online and on the math lab door and the lab is located in room 426. THE MATH LAB is a great resource- try it!

2. Food, Drinks, Electronics- Cell phones will be taken to the main office if seen being used in class. Please be courteous and simply keep all electronics turned off. No food in class. You may have drinks in class, but school rules apply. Please help keep our school and classroom clean. And, please use my RECYCLING bins- THANKS!

4. Fire exit/emergency- Please adhere to the designed route and policy when we need to leave the building. In case of emergency, there are emergency #'s posted on the classroom phone.

5. Leaving class- If you must go to the bathroom, sign out on the sign-out sheet. Only one student is allowed out of the classroom at a time unless there is an extenuating circumstance.

6. Refer to the Student Handbook for other general WHS classroom rules.

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7. Enrich our classroom. You have the power to make our school and this classroom better! Be a positive force. Be respectful of all people and things. Do not get in the way of your own or others opportunities for learning and thinking and having a good day. We are all counting on you. Please. And thank you in advance!

Our Geometry Class Website- CANVAS:

Go to your Canvas page and login- <https://wellesley.instructure.com/> Click on Geometry.

On this website I am going to post links for you to go to for readings, practice or review notes. I will post quiz and test dates and homework calendars. I might post some Smart Board slides from class if it seems necessary for review. And I might use the *Discussion* tab on the *Geometry* page to post weekly or monthly “Overarching Questions” that you would each post a response to. Click on the *Honors Geometry* page to find the material specific to your class.

Score < 75% Test and Quiz Correction Policy (*1st semester only and this is not an option for open note or homework quizzes.*)

-Test/Quiz corrections are to be done outside of class without my help. You earn points back by coming into 428 during extra help hours, sitting with me and explaining and reviewing your correction work. You must bring in test/quiz corrections before the day of the next test if you want to earn points back. And be sure that you have about 20-30 minutes of time in case there are other students in extra help. You have the chance to earn back at most 1/2 of the points that you lost with a maximum final score of 75%. (*Ex. A perfect score on the corrections would bring a score of 50 to a 75, or a score of 70 to a 75.*) Again, you must find an extra help time to bring in the correction work before the next test to get the extra points. **If you do score below a 75%, do not pass up this opportunity for learning and a grade boost!**

-All students should do test/quiz corrections- invest in your learning. You don’t want to let the mistakes and misunderstandings of yesterday get in your way of learning today! And if you scored above a 75% you are certainly welcome to come in and go over your corrections with me. There would be no extra grade points awarded, but you can think of it as earning “brain points.”

Other Test/Quiz Notes

-Test dates will be announced at least a week in advance and there will be 2 tests given each term. Longer quizzes will be announced at least 2-3 classes before the quiz but short open note quizzes may be unannounced.

-There are NO make-up/re-take tests or quizzes for students whose absence from class is unexcused. However, I do encourage all students to do test/quiz corrections.

-If you are excused absent and miss a test or quiz, see or email me the day you return to school to schedule a makeup time to take the test. (As it says in the student handbook, “*A student needs to meet with their teachers immediately upon his/her return to school to schedule makeup work.*”) Even if we do not have class the day you return to school, see or email me the day you are out or the day you return. I will need you to make up the test/quiz within 2 school days of your return to school unless you have missed more than 1 class leading up to the assessment. Makeups can be scheduled to start anytime between 7:30 and 2:45 on most days.

“Accumulate learning by study, understand what you learn by question.”

-Ming jiao, Jiufeng

Geometry 2016-17- ASK QUESTIONS- ASK WHY- Be convinced and convincing!