



Geometry Honors

COURSE DESCRIPTION- This course uses transformations and constructions to cover the properties of lines, planes, angles, triangles, quadrilaterals, circles, similarity, and congruence. Students will master formal proof and prove statements and theorems using deductive reasoning. In this course, the teacher will introduce basic concepts of trigonometry using ratios and proportions. Geometry Honors requires a student to adhere to an accelerated pace of teaching. Furthermore, freshmen students who enroll in this course should complete Algebra 2 Honors, Pre-Calculus, and Calculus before graduation. For those participating in this class, the instructor requires a scientific calculator, compass, and straightedge. This course is a full-year, one credit course for grades nine and ten with a **prerequisite of a C- or better in Algebra I Honors, an eighth-grade mathematics teacher recommendation, or a successful completion of the Algebra I Honors Summer Bridge course.**

EXPECTATIONS- PRESENCE. GRIT. COMPASSION. INTEGRITY. PERSEVERANCE.

CLASSROOM RULES-

1. **BE THERE.** All students are required to be in the classroom when the bell rings. Any student who enters after this time will be marked "tardy"; consequences will follow the student handbook.
2. **BE PREPARED.** All students are required to bring their required materials to class.
3. **BE RESPECTFUL.** You must respect your teacher, yourself, your classmates, and the property in the classroom and school.
4. **BE SAFE.** There is zero tolerance for emotional or physical bullying in this classroom.
5. **BE ON-TASK.** If you are not on-task, you are not learning; this is unacceptable in the classroom.

SUPPLIES- For this class you will need: a 3-ring binder or notebook, loose leaf paper, pencils, erasers, headphones for independent learning days, compass, straightedge, and a calculator (TI30xs models are recommended).

A student may check out a scientific calculator each semester as needed. However, this course will NOT provide calculators on a day-to-day basis, or during any assessment. For class each day, a student must bring a compass and a straightedge. Students will not need to bring a textbook, as this class does not use one. It is a student's responsibility to maintain an organized system for notes, discovery labs, constructions, handouts, etc. After school, a student will need internet access for homework and assignments.

TEXTBOOK- There will not be an assigned textbook for this class. Some official textbooks are available to be checked out for a resource. Failure to turn the textbook in at the end of the year will result in a fine for the book.

ABSENCE POLICY- Being present in class is of the utmost importance. A student must communicate excused planned absences, including school-sponsored absences with the teacher before the absence takes

place. If the student does not make arrangements ahead of time, the student may not receive credit for work during that time. One can find the policy of absences in the school handbook.

GRADING SCALE-	94-100	A (4.00)	74-77	C (2.00)
	90-93	A- (3.66)	70-73	C- (1.66)
	88-89	B+ (3.33)	68-69	D+ (1.33)
	84-87	B (3.0)	64-67	D (1.00)
	80-83	B- (2.66)	60-63	D- (0.66)
	78-79	C+ (2.33)	0-59	F (0.00)

GRADING POLICY- The number of points you earn determines your grade. Points will come from a variety of activities- homework, classwork, quizzes, tests, and projects. If you ever have questions about your grade, PLEASE ASK! ☺

Summative Assessments (quizzes, tests, projects): 80%

Formative Assessments (homework, class work): 20%

- Homework: Formative Assessment; 5-20 points, daily
- Homework Quizzes: Formative or Summative Assessment; 5-20 points, unannounced
- Quizzes: Summative Assessment; 5-75 points, as needed
- Unit Review Handout: Test Preparation, 0 points, 1 per unit
- Test: Summative Assessment, 100 points, every 2-3 weeks for 2-3 days with multiple components:
 - Multiple choice
 - Vocabulary
 - Computation
 - Constructions
 - Proof
 - Research



*Unless waived, a semester final exam will account for 10% of your overall grade.

** This class does not accept late homework.

LATE WORK- Per department policy, late work will not be accepted. No exceptions.

HOMEWORK/CLASSWORK- Math is not a passive subject, it is extremely active! Homework and classwork are the most important ways to improve your math skills. We have to get in lots of practice to become great mathematicians! Assignments will be graded in a variety of ways. If you are absent, IT IS YOUR RESPONSIBILITY to check the assignment sheet that is posted in the Google Classroom to make up any work you have missed. You have 2 days for every day you are absent to make up the work. **Any work missed because of an *unexcused* absence will NOT be able to be made up- this includes tests, quizzes, and projects! **

PASSES- You will be given 10 “passes” at the start of the semester. Each time you need a pass to leave class (restroom, locker, nurse, etc.), it will cost 1 “pass”. If you must leave the room after you have used your allotted passes, you will receive a teacher detention each day it happens. You must have a pass to leave the room and must sign-out before leaving.

TECHNOLOGY- Cell phones are a frequent distraction for students if they are not being used for learning purposes; therefore, we will not be using personal devices during class. If you feel that you need to use your own device, you must get permission from the teacher and the school-wide BYOT/BYOD policy must be followed. Failure to do so will result in consequences following this policy.

EXTRA HELP- If you need help, first refer to your **notes** or ask a **classmate**. If that doesn’t work, find at least 2 **online resources** that might be useful. Other additional help can be found in the **Peer Tutoring Center** in the Upper Library North. Peer tutoring is an EXCELLENT resource for students. All students that have tried it have given it *amazing* reviews! If you still need assistance, contact **Mrs. Keyes** to set up a time before or after school.

UNITS STUDIED- For units studied, please see the Geometry Honors Curriculum Map.

CONTACT INFORMATION- E-mail: jkkeyes-lutz@wacohi.net
Website: wchsmathrocks.weebly.com
Phone: 309-444-3167 ext. 1247
Visit your Google Classroom page for assignments, resources, etc.
Class code: wjoo87

Always remember that YOU are a very important part of this class! I know that math can be a difficult subject, but it is not impossible! Anyone can learn math, it just takes time, practice, and your best effort. Math is a necessary tool for your future success. It can open many doors to wonderful careers and can also close doors, thus preventing you from reaching your dreams.

I am looking forward to a great year with you! 😊 Print this page, and highlight this sentence for a free homework pass.

Mrs. Keyes