

Honors Geometry Syllabus

Teacher: Miss P. Luszyk

Room: WLC room 135

Contact: p.luszyk@sau63.org or ParentSquare

Meeting Time: Mon, Tue, Fri → 8:13 am to 9:03 am
Thu → 8:13 am to 9:53 am

GoogleClassroom Code: EXBWG2O



Welcome to Honors Geometry!

I am very excited to work with you. I ask that you please move forward by being patient with yourself and others. Education and understanding is not a race and will not be treated as such. With that said, please remember that this is an honors level class and students are expected to work at an honors level. If at any point you feel like you are struggling, please reach out to me for help.

Vision of a Graduate: The WLC Graduate will be an effective communicator, a strong collaborator, a creative problem solver, a self-directed learner, and a responsible citizen.

Course Description: Honors Geometry is the second course in the series of courses taken by students who plan to prepare themselves for competitive four-year colleges. The course is designed to give the student a more formal understanding of lines, angles, polygons, and circles, their relationships and their properties, as well as areas of 2-dimensional figures and surface area and volume of 3-dimensional shapes. Students will “learn the language” of geometry and apply logical reasoning strategies to the principles of geometric proof; they will build on their algebra skills in connection with geometric relationships both on and off the coordinate plane, including word problem applications. Students will also construct accurate representations of geometric figures using various methods.

Class Competencies:

- ★ Persevere through challenging problems
- ★ Reason logically with definitions and theorems

- ★ Connect with concepts from prior courses and prior units
- ★ Implement algebraic/computational processes, demonstrating notational fluency and attention to precision
- ★ Model real-world problems using a variety of mathematical techniques (algebraic, graphical, numerical, data analysis)
- ★ Communicate understandings computationally, orally, and in writing

Units:

- | | |
|-----------------------------------|---------------------------------|
| 1. Essentials of Geometry | 7. Right Triangles and |
| 2. Reasoning and Proof | Trigonometry |
| 3. Parallel and Perpendicular | 8. Quadrilaterals |
| Lines | 9. Properties of Transformation |
| 4. Congruent Triangles | 10. Circles |
| 5. Relationships within Triangles | 11. 3D Figures |
| 6. Similarity | |

<https://www.education.nh.gov/sites/g/files/ehbemt326/files/inline-documents/standards-math.pdf>

Required Texts: N/A

Required Supplies: Please be ready for class with a writing utensil and paper to write on. Chromebooks may be needed for some lessons but not all. Most assignments and supplies will be provided in class like calculators, graph paper, rulers etc.!

GoogleClassroom: All assignments and notifications for the class will be posted on GoogleClassroom. Please make sure that you are checking it regularly. If absent, I kindly ask students to refer to GoogleClassroom for missing assignments before contacting me.

Grading: Grades will be made up of 20% formative assessments and 80% summative assessments.

Formative assessments include homework assignments and classwork. These will be graded for completeness and effort meaning the assignment was completed and work was shown where necessary. Please check GoogleClassroom or the classroom whiteboard for due dates and assignments.

Summative assessments include quizzes, tests, and projects. Please check GoogleClassroom or the classroom whiteboard for upcoming summative assessments.

Remediation Policy: We will be following the school wide remediation policy that can be found in your student handbook.

Students who wish to improve their grade on a summative assessment may earn half of their points back by completing the following steps:

1. Fixing mistakes and completing homework assignments relating to the assessment
2. Retaking the test (version B) once the above steps are completed
3. Completing the above within 10 days of receiving the grade

We are human. We have bad days. If a quiz or test is missed because of an illness (physical or mental), an initial grade of 0 will be placed in PowerSchool until the student is able to take said assessment. If you feel off, tell someone. Please do not ignore what your body is telling you.

WLC Electronics Policy: “To support the learning process and avoid disruption, electronic devices including cell phones, iPods, MP3 players, smart watches, and tablets are permitted in school within the following parameters:

- Electronic devices, including phones and earbuds, are not to be used or visible during the school day
- Students are responsible for the security of their electronic devices.

During the school day, personal devices are to be off, put away, and not used during the school day unless a student has permission from a staff member to use an application on the device for a school related purpose. In the event a student needs to make a call, they are to go to the office to obtain permission to do so.

It is requested that parents not text or call their child(ren) during the school day. If it is necessary to reach their child(ren), parents should call the main office.

The safest place for personal devices is at home. However if the decision is made to bring personal devices to school, students are accepting responsibility to keep their device safe.

Students are encouraged to use their locker to store personal items and other valuables during the school day as well as record the serial number of their devices in the event they become lost.

Students violating the electronic device rules may have their devices secured for the duration of the school day and receive disciplinary action.”

In this class, I will give a student one warning before taking away an electronic device.

Common Expectations at WLC:

- ★ I will take care of our campus and its resources
- ★ I will engage in healthy, positive dialogue and interactions
- ★ I will be where the learning is happening
- ★ I will be ready to learn

Food and Drink Policy: I acknowledge that students need to be properly hydrated and fed to be able to properly learn, thus students are allowed to bring food and drinks to class. I ask that you please be aware of common allergies and comply if asked not to eat a certain food in the classroom.

I reserve the right to ask students to not have food or drinks in the classroom if I find that it has become a distraction to multiple students.

Please sign below if you have read this syllabus and understand it. Please also use the extra space to doodle something fun.

X _____