



## Geometry - Academic Lab

Period 3

Room: 606

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The purpose of this course is to provide additional support with geometry concepts by pre-teaching and reteaching topics taught within geometry along with individual targeted supports.

### Colorado Academic Standards Mathematics

Geometry Students' study of geometry allows them to comprehend space and shape. Students analyze the characteristics and relationships of shapes and structures, and engage in logical reasoning. Students learn that geometry is useful in representing, modeling, and solving problems in the real world as well as in mathematics.

### Course Objectives

Students will be able to (SWBAT):

- Foundations for Geometry
- Geometric Reasoning
- Parallel and Perpendicular Lines
- Triangle Congruence
- Properties and Attributes of Triangles
- Polygons and Quadrilaterals
- Right Triangles and Trigonometry
- Extending Perimeter, Circumference, and Area
- Circles

### Classroom Expectations

**Polite** - Be courteous to others. (**Examples of being Courteous**: Using positive and encouraging statements, listening to your peers and teachers speak, refraining from distracting behaviors, not packing up your materials before the instruction is finished, remain seated until the bell rings, cleaning your work area prior to leaving, etc.)

**Participate** - Participate in class assignments / activities.

**Prompt** - Students arriving after the bell rings will be marked **Tardy**. If you are more than 10 minutes late to class, you will be marked Absent. Follow GWHS policies in your Handbook.

**Phone Usage** - Student Use of Cell Phones and Other Electronic Devices

**Acceptable Cell Phone and Electronic Device Use Policy (Greeley West Student Handbook)**

1. If a **red magnet** is displayed in the teacher's classroom, once the bell rings to begin class, students must turn off cell phones/electronic devices and stow them properly in a book bag or pocket.
2. During class, if the teacher displays a **green magnet**, students will only use cell phones to complete assignments that are related to the instructional lesson or any other approved activity WITH teacher permission and supervision.

3. Students will not record still or moving images or voices of students or the teacher without permission from the teacher on Snapchat or any other social media.
4. Students will place phones in book bags or pockets during **all assessments**.
5. Students are not to have headphones in at any point during the day unless it is part of the classroom instruction. When a device is in use in the classroom, students will only use them for educational purposes: Students bringing cellular telephones or electronic devices to school do so at their own risk. Greeley School District
- 6 GWHS will not assume any liability for any lost, stolen or damaged cellular telephone and/or any other electronic devices either in school or in their possession.

If a student is found to have used a cellular telephone or other electronic device without authorization, the phone or device may be confiscated by an administrator.

**Production** - Bring materials to class which includes Textbooks, Algebra 1 Notebook, Assignments, Academic Lab Notebook and Pencils.

**Positive Mental Attitude** - Willingness to learn, respectful of the learning environment, accepting of the diversity within our class, etc. . . . . .

**Food and Drinks:** Students can bring water bottles and drinks (with lids-no cans) to every classroom and will be eating a grab-and-go breakfast and a lunch in classrooms. Students will be permitted to eat in classrooms.

**Class Expectations -**

Throughout this course you will regularly discuss as a group. This collaboration will allow you to develop new ways of thinking about mathematics, increase your ability to communicate with others about math, and help you strengthen your understanding by having you explain your thinking to someone else. As you work together,

- All work will be posted on Schoology: <https://elearning.greeleyschools.org/>
- You are expected to share your ideas and contribute to the class's work.
- You are expected to ask your classmates questions and to offer help to your classmates. Questions can move your team's thinking forward and help others to understand ideas more clearly.
- Remember that a team that functions well works on the same problem together and discusses the problem while it works.
- Your teacher will stop regularly and verify that everyone on the team agrees with a suggestion or a solution.
- Any at-home or remote work has a due date/time of 10:00 PM of the due date.

**Bathroom/Hall Policy** - Students must ask permission to use a leave class and then sign out and sign in on the **Digital Bathroom Pass** (Google form). This digital pass will automatically record when you leave and return back to class to insure limited students in the hallways..

**Grading:**

<b>Participation</b> (Based on expectations listed above - See Rubric)	20%
<b>Class Assignments</b> (ALEKS/IXL Assignments and Classwork Assignments)	50%
<b>Growth Assessments</b>	30%
90-100% = A	80-89% = B
70-79% = C	60-69% = D