

Geometry Course Syllabus 2025-2026

Bullitt East High School

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Course Description:

Prerequisite: Algebra I

Geometry is a state-required course, generally taken after Algebra 1 but before Algebra 2.

Geometry is a visual mathematics course involving two and three dimensional shapes, measure, logic, and transformations of polygons. Algebra 1 skills are necessary to solve applied multi task geometry problems. Topics covered include:

Semester 1	Semester 2
Unit 1: Foundational Geometry	Unit 8: Congruency
Unit 2: Segments	Unit 9: Right Triangles and Trigonometry
Unit 3: Angles and Lines	Unit 10: Quadrilaterals & Polygons
Unit 4: Parallel and Perpendicular Lines	Unit 11: Three-Dimensional Figures
Unit 5: Transformations	Unit 12: Circles
Unit 6: Basics of Triangles	
Unit 7: Similarity	

Course Requirements:

- ✓ Students will complete all assignments, quizzes, tests, and exams.
- ✓ Students will take notes in their journal.
- ✓ Students will complete bell-ringers (flashbacks/spiral/schema) each day.
- ✓ Students will participate in all class activities and discussions.

Materials:

- A notebook of some sort to use as a journal. A composition book is what I use, but you can use a spiral notebook if you prefer. Wide or college ruled... your choice.
- Pocket folder to hold your portfolio pages (plain or fancy design, your choice). You have a little time (don't buy it right away). If you would rather use a 3-ring binder with dividers... your choice.
- Charged Chromebook every day
- Wired Headphones for your Chromebook (Airpods are no longer allowed - State Law)
- Pencils/Pens
- *Recommended* - Ruler/Straight Edge
- *Optional* - High lighters, colored pencils, washi tape... make your journal "your own"
- *Optional* - TI-84 calculator, but we have plenty in the room for students to use

Criteria for determination of grade:

The standard Bullitt East High School grading scale will be used.

Each term (AKA: quarter) grade will be weighted as follows:

- **Cumulative Test** – 20% of each quarterly grade
 - One multiple-choice test given at the end of each term. It will consist of questions from all previously covered units. There are **no** retakes for the cumulative.
- **Unit Tests** – 30% of each quarterly grade
 - Each unit will conclude with a unit test. Questions will be limited to unit content. Students may re-attempt missed unit test questions for full credit. The appropriate correction of the original question(s) must first be demonstrated (turned in), and then the student will receive a similar question to attempt for credit. Re-attempts will be full response instead of multiple choice, will need to occur at a time which does not interfere with course content, (before/after school, study hall, etc.), and will need to be completed before the next unit test is given.
- **Quizzes** – 30% of each quarterly grade
 - Quizzes will be given frequently to assess student understanding, generally after 3-4 days of new content. Quizzes will usually be short response, with 6-10 questions from very recent content. Students may re-attempt quizzes multiple times for full credit once they have satisfied any requirement I set for remediation (usually an extension assignment), but will need to be completed before the next unit test is given.
- **Work** (daily and “home”) – 20% of each quarterly grade
 - This includes bell-ringers, worksheets, digital assignments, attentiveness and participation, etc. Most, if not all, of the work I assign is complete-able during class and will not require being done as homework. **Good faith effort** is my expectation, and I consider homework to be **practice**. If students use the time I give them for work and turn in the things I tell them to turn in (most I will instruct them to keep for quiz and test preparation), “work” will be an easy 100%.

Each semester grade will be weighted as follows:

- **Final Exam grade** (Portfolio and presentation: **see below**) – 20% of each semester grade
- **Term 1 grade** (or 3) – 40% of each semester grade
- **Term 2 grade** (or 4) – 40% of each semester grade

Portfolio (AKA: the “Final Exam”)

Each semester, each student will gradually build a portfolio of miniature authentic assignments of the content we cover in class, related to something in real-world geometry. This is a new approach which we are very excited to share with the students, so please understand if there is a little necessary re-design as we go forward, but the intent is for there to be one addition to the portfolio (a pocket folder I am asking you to provide) approximately every two weeks of class. It is likely students will need to work on these assignments partly at home, and turn them in for me to keep in each student’s pocket folder for final submission at the end of the semester. Each individual part of the portfolio will be graded as we go as part of the final exam grade, along with a presentation of their final portfolio to the class.

Expectations

Teacher Expectations:

- I will post regular updates to Google Classroom, including assignments (in case remote copies are needed), class notes, and study guides.
- I will often create and post video examples to YouTube via my own YouTube page <http://www.youtube.com/@MysteriedMath> and link them to Google Classroom. (Please note that comments are turned off on YouTube in accordance with communication regulation, but students may always ask questions via approved methods)
- I will strive to respond quickly to approved communication, but please understand that communication received from students and guardians after 2:20 p.m. may need to wait until the following day.
- Students will receive regular and timely feedback from me, such as rubric scoring, grades in Infinite Campus, and improvement recommendations.
- I am often in my classroom after 2:20, and I love talking about math and class. Please contact me before “expecting” me to be here (sometimes I have meetings to attend or things going on at home), but I want to help, and I hope you will always consider approaching me directly as a best first step.

Student Expectations:

- Be safe. This includes both physical and intellectual conduct.
- Be at least as kind and compassionate as you would like for me to be (I will exceed that expectation).
- Always bring to class: 1) your charged laptop, 2) something to write with, and 3) something to write in.
- Arrive on time with an unencumbered mind, ready to try, fail, succeed, and **learn** from all three.
- Use the time I give you in class for “Geometry” (**good faith effort**), remember to name your work, and turn in assignments and assessments on time.
- Always follow the student code of conduct for all content, including virtual learning meets.
- Always follow the Acceptable Use Policy while participating in any online activity.
- Minimize background distraction and off-task behavior as much as possible.
- If learning is virtual (Ex: NTI Days), have a back up plan in case you are unable to access the internet.
- If you must miss class, I already go to great lengths to provide online resources so you can catch up. **Use them**, and let me know if you need anything further before it’s a crisis.

Big Mentions:

- Don’t plagiarize the work of others **or AI** and claim it as your own.
- It is your responsibility to make up work you have missed due to an absence. (Unless it’s a quiz or test, it’s usually accessible on Google Classroom) If you have questions about any situation, ask me.
- And... care to guess? (turn page)

Cell Phone Policy: Cell phones must be turned off and in your bag/backpack.

1st Offense - Student is sent to the office and phone is held there until the end of the school day.

2nd Offense - Student gets one period ISAP and phone is held for one full day.

3rd Offense - Student gets a full day of ISAP and phone is held for three full days.

When the phone is taken, the parent/guardian has to come to pick it up.

If I hear it sound off or vibrate, or if I see it outside of a zipped compartment, it's a cell phone offense. This includes any sort of smart watch or ear bud connected (wired or wireless) to it.

In general:

For most adverse behavior situations, students who do not follow classroom expectations will be dealt with in the following manner:

- First Infraction - Student receives a warning.
- Second Infraction - Discussion with the student and parent contact will be made
- Third Infraction - Office Referral will be written.

In extreme cases, any of the above may be skipped according to the situation.

Classroom Procedures

- **Tardy:** When the tardy bell rings, if you do not have both feet in the door, you are tardy.
- **Hall Passes:** Bullitt East has a 10/10 rule, which means no student will use a hall pass during the first and last ten minutes of class (unless it's an emergency). **Do Not** ask to leave the room during notes or when new material is being delivered.
- **What should I do first?:** Get your journal out and start working on the bellringer for the day. With very few exceptions, there will be a bellringer for you to work on while I take attendance. Please do not make me ask you to do what you already know to do.
- **Late Work:** Any assignment with a due date will scale down in increments of 10% for each day turned in late.
- **Additional Tutoring:** Tutoring services are available after school, and as I mentioned, I am often here after hours for a little while. Make sure to check with the teacher tutoring or me beforehand, but please take advantage of these free offers for help.
- I will consider offering make-up assignments for missed class work. Quizzes and Unit Tests **may** be retaken for a better grade. Cumulative Tests **may NOT**. **Good faith effort** along with good work on the quizzes and unit tests will result in Cumulative Test success.
- **Dismissal:** Please do not leave your seat until the bell rings. **DO NOT line up at the door!**
- **NO CELL PHONES PERMITTED IN CLASS!! This is a state law.**