

Geometry Syllabus 2024-2025



Instructor	Email	Remind Code
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General Information

Description

This course will cover various Geometry topics and principles, including coordinate and spatial geometry, introductory trigonometry, angles, parallel lines, congruent and similar triangles, polygons and other figures, circles, the Pythagorean Theorem, etc. We will also focus on problems that serve to review our Algebra skills and continue to develop our critical thinking skills through various problem-solving and real-world situations.

Goals/Objectives

- provide and apply relationships and theorems involving two-dimensional figures using Euclidean geometry and coordinate geometry
- establish congruence and similarity using criteria from Euclidean geometry and using rigid transformations
- extend knowledge of geometric measurement to two-dimensional figures and three-dimensional figures
- create and apply equations of circles in the coordinate plane
- develop an understanding of right triangle trigonometry

Expectations of Employability Skills

- **Communication:** Effectively and respectfully communicate with teachers and peers.
- **Work Ethic:** Be productive while in class and complete required tasks.
- **Problem-Solving:** Utilize available resources to solve daily challenges.
- **Detail-Oriented:** Submit work that has been reviewed and corrected for common mistakes.
- **Time Management:** Effectively budgets time with consideration of other obligations to ensure short- and long-term assignments are completed.

Classroom Rules

- **Be Prompt** – Students are expected to arrive to class on time every day. Students are also expected to turn in all assignments when they are due.
- **Be Prepared** – Students are expected to have the needed materials before each class begins, including a writing utensil and a good attitude.
- **Be Productive** – Students are responsible for the completion of their work in a timely manner and are always expected to be ready for the school day.
- **Be Positive** – Students are always expected to have a good attitude and put forth their best effort in anything they do.

- **Be Polite** – Students should always be respectful of their classmates and the staff around campus. Students are expected to use their manners and be kind to others.

Classroom Policies and Procedures

- **Electronics** - The use of personal electronics (cell phones, tablets, headphones, etc.) in the classroom is prohibited. Usage of these personal electronic devices without staff permission may result in a referral and/or confiscation. Students will be able to utilize their electronics in between instructional periods and during lunch.
- **Leaving the Classroom** - Students may not leave the classroom during the first 20 minutes of class or the last 10 minutes of class. Students must use the facilities closest to the classroom.
- **Food/Drink** - Open food and drinks are NOT allowed to enter the classroom unless permission has been given by the teacher. All food and drinks must be consumed in the cafeteria or hallway. Bottles with twist-off lids are permitted, but must stay in the student's backpack.
- **Homework** - Students will receive homework frequently to ensure their skills are being practiced and mastered. Students must turn in homework by the next day to receive full credit. Any work turned in after the due date will receive partial credit.

Course Materials

Required Materials

- 1” 3-Ring Binder
- 5 Dividers (bellwork, notes, practice, and test/quizzes, glossary)
- 2-Pocket Folder
- #2 Pencils (NO PENS)
- Lined Paper
- Graph Paper
- Calculator (TI-30X)
- Dry Erase Marker
- Colored Pencils
- Headphones (Wireless headphones are NOT ALLOWED)

Optional Materials

- Disinfecting Wipes
- Tissue Box
- Hand Sanitizer

Required Text: enVision Florida B.E.S.T. Geometry (ISBN: 978-1-952882-75-3 and 978-1-952882-76-0)

Grading Policies

Total Points

In this course, we will be utilizing a “total points” grading system. This means that each assignment/paper, quiz, project, or activity will be assigned a specific point value, and your final grade will be determined by the total

number of points you earn throughout the semester. This approach offers simplicity and transparency, allowing you to easily track your progress and understand how each task contributes to your overall grade.

Category	Point Value
Bellwork	10
Classwork	50
Homework	10
Tests/Quizzes	25

$$\frac{\text{Total Points Earned}}{\text{Total Points Possible}} = \text{Final Grade}$$

**Quarter Point Totals will vary.*

End-of-Course and Semester Exams

Students will be administered an end-of-course examination after they complete Geometry. A passing score on this examination is a graduation requirement. Students will also be required to take a semester exam at the conclusion of each semester. Students may be exempt if they have an A/B average in the course, as well as less than 5 absences, and no referrals. Students will be able to attend cram sessions and after-school tutoring to ensure they understand the material being tested.

Completion Deadline

In accordance with our school policy, students are expected to submit assignments by the designated due dates. However, we understand that unforeseen circumstances may arise that could hinder the timely completion of work. It is the STUDENT'S responsibility to collect any missed work. Per county policy, a student will have two days to make up work from one absence. Students with an excused absence will not incur a deduction in points within this timeframe but unexcused students may have up to 30% deducted. **Late submissions will not be accepted past three weeks from the original due date at the discretion of the teacher and with possible point deductions.** Students need to communicate any difficulties they encounter in meeting deadlines with their teachers as soon as possible. This policy aims to foster responsibility and accountability while still providing students with the opportunity to demonstrate their learning and mastery of course material.

Test Repair

At our school, we believe in the importance of continuous learning and improvement. Therefore, all students are provided with the opportunity to make test repairs following their initial assessment. This policy allows students to reflect on their performance, identify areas for improvement, and strive for mastery of course content. It's essential to note that this opportunity is not extended to essays or projects that involve rough drafts or progress checkpoints, as these assignments already provide ample opportunity for revision and feedback. Students have one week from the date of receiving their graded test to initiate the repair process. Repair sessions may be scheduled before or after school, but not during regular class time. Additionally, students have the option to complete their repairs under the supervision of a proctor in the media center during tutoring sessions. Upon successful completion of the repair, students will earn points at the discretion of the teacher. This provides a tangible incentive for engagement in the improvement process and reinforces the value of ongoing learning and growth.

Attendance

Attendance is vital for student success and engagement in our learning community. As per our school policy, students are expected to attend all classes regularly and punctually. In the event of unavoidable absences, it is the responsibility of the student and their guardians to notify the school promptly. Students who miss more than 20% of instruction will be prohibited from participating in school events such as extracurricular activities i.e., homecoming, prom, athletics, band, ROTC, theatre, and chorus. Research has shown that 10% or more of instructional time missed by students (Pre-K to grade 12) is an early warning indicator for possible academic struggles; this measure is used to define chronic absenteeism nationwide. Florida Statute 1003.24 and School Board Policy 5200.

After the first seven days of absences, a letter will be issued to the student and their parent/guardian as a reminder of the importance of consistent attendance. This communication serves to encourage students to prioritize their education and take proactive steps to address any barriers to attendance they may be facing.

Should a student accumulate ten or more days of absences, a second letter will be issued, emphasizing the need for immediate action to improve attendance, the need for documentation, and the potential consequences of continued absenteeism.

Furthermore, it is crucial to note that excessive unexcused absences will result in a significant impact on academic performance. Any assignments or assessments missed during unexcused absences will incur a penalty of up to 30% off their grade. This policy underscores the importance of regular attendance and emphasizes the correlation between consistent attendance and academic success. It is our collective responsibility to support students in maintaining attendance habits that foster their learning and development.

ACKNOWLEDGEMENT

By signing and returning this portion, we agree that we have read and understand the policies and procedures specified for the 2024-2025 school year. Please sign and return this portion of the syllabus by Friday, August 16th, 2024. *This is a graded assignment.*

Student Contact Information

Name: _____ Preferred Phone Number: _____

Email: _____ Date: _____

Signature: _____

Primary Parent/Guardian Contact Information

Name: _____ Preferred Phone Number: _____

Email: _____ Date: _____

Signature: _____