



Richmond County Technical Career Magnet School

Geometry Course Syllabus 2025-2026

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Instructional Philosophy: Welcome! You have been selected to participate in a collaborative classroom—a classroom where knowledge is SHARED. I believe that learning takes place more effectively when students work together, use dialogue, and discuss different strategies or perspectives to become knowledgeable independent learners.

Course Descriptions:

Geometry is designed as the second course in a three-course series. This course enhances students' geometric, algebraic, graphical, and probabilistic reasoning skills. Students will apply their algebraic and geometric reasoning skills to make sense of problems involving geometry, trigonometry, algebra, probability, and statistics. Students will continue to enhance their analytical geometry and reasoning skills when analyzing and applying a deep understanding of polynomial expressions, proofs, constructions, rigid motions and transformations, similarity, congruence, circles, right triangle trigonometry, geometric measurement, and conditional probability. High school course content standards are listed by big ideas including Data and Statistical Reasoning, Probabilistic Reasoning, Functional and Graphical Reasoning, Patterning and Algebraic Reasoning, and Geometry Patterning and Spatial Reasoning.

| Georgia's K-12 Mathematics Standards | | | | | | | | |
|---|--|--|--|--|--|---|--|---|
| GEOMETRY: CONCEPTS & CONNECTIONS | | | | | | | | |
| Semester 1 | | Semester 2 | | | | | | |
| Unit 1 | Unit 2 | Unit 3 | Unit 4 | Unit 5 | Unit 6 | Unit 7 | Unit 8 | Unit 9 |
| Exploring Polynomial Expressions through Geometry | Geometric Foundations, Construction and Proofs | Exploring Congruence | Investigating Similarity | Right Triangle Trigonometry | Making Sense of Circles | Modeling with Equations & Measurement | Investigating Probability & Statistics | Culminating Capstone Unit |
| Interdisciplinary Connection | Interdisciplinary Connection | Interdisciplinary Connection | Interdisciplinary Connection | Interdisciplinary Connection | Interdisciplinary Connection | Interdisciplinary Connection | Interdisciplinary Connection | |
| 2 – 3 weeks | 3 – 4 weeks | 4 – 5 weeks | 4 – 5 weeks | 2 – 3 weeks | 5 – 6 weeks | 3 – 4 weeks | 6 – 7 weeks | 1-2 weeks |

School Supplies:

- 3-ring binder or folder
- Paper
- Pencils
- Colored Pencils and highlighters
- TI-30XS Multiview
- Composition book

Notebooks: Students must **BRING 3-RING BINDER AND COMPOSITION TO CLASS DAILY**. To be successful in this course, students must maintain an organized notebook. Students will organize interactive notes in the composition book. The 3-ring binder will contain warmups, assessments, homework, and classwork.

Expectations: The overarching expectation in this class is **RESPECT**: respect for yourself, respect for other students, respect for the teacher/or any individual in authority, and respect for any guests that may enter our class. Although this encompasses all other expectations, I will outline several others for the sake of clarity.

1. Be **IN** the classroom, **SEATED**, and **PREPARED and working on the Warm-Up Activity** before the FINAL tardy bell rings.

This means getting materials, using the restroom, and socializing will be completed before the final (tardy) bell sounds. Students arriving after the tardy bell has sounded **are LATE! No Exceptions!**

2. Bring **ALL** materials (textbooks, notebooks with clean paper, completed assignments, calculators, and pencils) to class **DAILY**. You will not be permitted to leave to retrieve forgotten/missing items during class time.

*****PLEASE BE RESPONSIBLE AND BRING YOUR OWN MATERIALS TO CLASS! *****

3. Students are also expected to adhere to all policies, rules, and regulations outlined in the student handbook.
4. Be Prompt, Be Prepared, Be Positive, Be Polite, and Be Productive. Most importantly, be ready to learn and have fun!
5. Students will place their phone in their assigned shoe holder every day during class unless otherwise instructed.

Consequences: (1) Verbal Warning, (2) Individual Counseling, (3) Parental Contact, (4) Guidance Referral, (5) Parent/Teacher Conference, (6) Office Referral

*****However, some situations may result in an immediate office referral.*****

Tests and Quizzes: Tests will ALWAYS be announced; however, quizzes may not. Therefore, it is important to study notes and other materials covered in class for homework each night. Tests and quizzes can be made up after school. See your teacher to schedule an appointment. **NOTE: STUDENTS WHO ARE ABSENT WILL BE REQUIRED TO TAKE A QUIZ/TEST UPON THEIR RETURN IF THE ASSESSMENT WAS ANNOUNCED BEFORE THEIR ABSENCE.**

Group Work: Students are expected to participate in class daily. To foster social skills and stress the concept of teamwork and collaborative learning, students will form and work in groups frequently.

Make-up Work: I strongly advise students not to miss class. However, if they must be absent, it is **THEIR RESPONSIBILITY** to find out and make-up any missed work. Students may check the "Absent" crate in the classroom upon their return to retrieve their work. Test and quizzes missed must be made up after school by appointment. **NOTE: ABSENT WORK SHOULD BE COMPLETED WITHIN 5 DAYS OF RETURNING TO SCHOOL.**

Late Work: According to RCSS, late work is defined as, "assignments that are submitted after the specific deadline." Students are expected to submit assignments on time. Multiple incidents of late work may result in teacher-student-parent conferences to examine and correct the students' work habits through an academic contract. However, students do have the opportunity to submit any late assignment up until the day of the major assessment without any reduction. Students will have their scores reduced by 5% per school day for a 25% maximum reduction (five school days) after the major assessment date. Late work submitted five days after the major assessment date (school days) will NOT be accepted. For late work to be accepted, a Late Work Form must be submitted along with a parent's signature. A Late Work Form must be completed for every late assignment.

Tutoring: Tutoring is available on Tuesdays and Wednesdays immediately after school until 4:00 PM. To attend tutoring, student must schedule an appointment through my booking link using the QR code to the right. You must book your appointment at least 24 hours in advance. Due to after school obligations, this schedule is subject to change.



Parent Communication: Parents may schedule a phone conference using the QR code to the right. You must book your conference appointment at least 24 hours in advance.

Remind Codes: Parents and students please join our Remind to stay up to date with class information.

| | | |
|---------------------------|---------------------------|---------------------------|
| 1 st Period: @ | 5 th Period: @ | 7 th Period: @ |
| 2 nd Period: @ | 4 th Period: @ | 8 th Period: @ |

Nine -Week Grading Procedure: A(100 - 90); B(89 - 80); C(79 - 75); D(74-70); F(69 & Below)

GRADE CALCULATIONS:

GRADE REPORTING CYCLE:

| Major (Summative) - 40% | Minor (Formative) - 60% |
|-------------------------|-------------------------|
| Unit Test | Classwork |
| Projects | Homework |
| | Quiz |

| Each Semester represents an 18-week grading period | |
|--|-------------------------------|
| Progress Report 1 | End of first 6-weeks |
| Progress Report 2 | End of 12-weeks |
| Semester Report Card | End of 18-week grading period |

Relearn and Reassess Policy: In this class, we prioritize student mastery of mathematical concepts. To support all learners, we offer a Relearn and Reassess process to help students improve their understanding and performance on major assessments.

1. **All students** are eligible to participate in the Relearn and Reassess process upon **student's request**. The request must be submitted within 7 school days of receiving the original grade.
2. **Students who score below a 70** on a major assessment are **required** to complete the Relearn and Reassess process to improve their understanding unless exempted with a **signed parent note** confirming their decision.
3. The highest score achieved between the original and reassessment will be recorded in **Infinite Campus** as the final grade for that assessment.

Note: All relearn and reassess work will be completed through Edgenuity. The unit test must be taken in class to earn full credit.

Disclaimer: the information provided on the syllabus are scheduled to change