

Geometry Course Syllabus

Mrs. Stewart's Contact Info:

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Teacher hours: 7:00 am – 3:00 pm

REMINd will be the primary means of communication between the student/teacher/parent.

Remind Code: _____

See Teacher Page for Code.

Course Description

In Geometry: Concepts & Connections, instructional time should regularly incorporate the 8 Mathematical Practices, the Framework for Statistical Reasoning, and the Mathematical Modeling Framework through four big ideas of content: (1) numerical reasoning, (2) functional & graphical reasoning, (3) patterning and algebraic reasoning, and (4) geometric and spatial reasoning. This course is designed as the second course in a three-course series. Students will apply their algebraic and geometric reasoning skills to make sense of problems involving geometry, trigonometry, algebra, probability, and statistics. This course enhances students' geometric, algebraic, graphical, and probabilistic reasoning skills. 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.

Supplies Needed:

- Pencils/Highlighters
- 1" or 2" Binder with notebook paper
- Calculator
- An open mind
- A Positive Attitude

Geometry Learning Experience

Class participation is an important aspect of student learning. When students speak up in class, they learn to express their ideas mathematically. Additionally, asking questions helps students to obtain information that'll enhance their own understanding. Therefore, students will be graded on mastery of the standard through class participation as well as class work. **Let's work effectively and efficiently.**

Topics to be covered

Part A

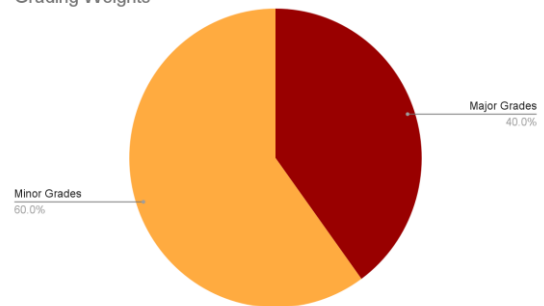
- Unit 1: Polynomial Expressions
- Unit 2: Geometric Foundations, Construction, and Proof
- Unit 3: Congruence
- Unit 4: Similarity
- Unit 5: Right Triangle Trigonometry

Part B

- Unit 6: Circles
- Unit 7: Equations & Measurement Volume
- Unit 8: Probability & Statistics
- Unit 9: Culminating Capstone

Grading Policy:

Grading Weights



- **Major (Summative):** Online/Paper Assessments, Notebook Tests, and Projects
 - Major assessments will be announced; however, minor may not be. Therefore, it is important to review class material along with practicing by either reworking the problems from class or utilizing math resources each night. Students' progress will be monitored using a variety of assessments.
- **Minor (Formative):** Class learning experiences (CLE), Warmups/TITD, Check for Understanding (CFUs), Online/Asynchronous(Power-up) Assignments
 - **Online Assignments:** Quizizz, Khan Academy, HMH, Kahoot, Delta Math, etc.
- ❖ **Note:** At the end of the semester, students will take an exam. The final semester grade is calculated with the exam grade weighing 10%.

Math Help

The primary goal is to meet the developmental needs of each student; therefore, student progress should be monitored using **Infinite Campus**. Infinite Campus is for parents and students to quickly access students' grades and attendance. If you have any questions at any time, please feel free to contact Mrs. Stewart via REMIND or Email. **Do not wait until it is too late to attend to your child's needs!**

If you are struggling in math:

1. Get extra help from your teacher by asking questions in class.
2. Math requires practice and **action!** In order to learn the math concepts presented in class, you should study/review on a regular basis.
3. Use online math resources.

Some Good Math Resources: www.khanacademy.org, www.purplemath.com, www.mathway.com, & www.mathisfun.com

4. Ask your classmates to form a study group or use the free Richmond County tutoring, **FEV tutor**. FEV tutor is located on your Launchpad.

Make-up Work Policy:

Attendance is **KEY!! ATTENDANCE** will be extremely important! I strongly encourage you **NOT** to miss class!

Minor make-up assignments will be completed at a designated time set by Mrs. Stewart.

MAJOR make-up assignments must be completed on Friday after school.

TUTORING

- Tutoring is available on Fridays from 2:15 - 3:00.
- Students must meet the class requirements in order to attend tutoring:
 - ✓Attend class regularly.
 - ✓Paying attention/participating in class.
 - ✓Completion of class & online assignments.
 - ✓Notes/Notebook.

Classroom Rules:

1. Be a S.T.A.R. (Student Taking **A**cademic **R**esponsibility).
2. High expectations - **ALL DAY, EVERY DAY!**
3. Adhere to all policies, rules, and regulations outlined in the student handbook. All school rules apply in my classroom.
4. NO UNAUTHORIZED TECHNOLOGY!! Technology use is permitted when **approved** by the teacher.
5. No food or drinks (water is acceptable) in class.
6. Profanity will not be tolerated! If it is not said in church then DO NOT say it in class.
7. Refrain from throwing anything.
8. There is to be no destruction or defacing of any items in the classroom.

Note: Each day cellphones will be collected at the start of class in a location where students can see them, and can be retrieved when exiting the class for the day.

Classroom Norms:

Be respectful, on time, and present with ALL your needed materials for class.

Enter, go to your assigned seat, and read the board! - Remember the **10/10 RULE!** This means no passes will be given during class's first and last 10 minutes.

Pay attention during instruction and follow directions as they are given.

Remain seated always, raise your hand, and stay engaged when working.

Remain SILENT during quizzes and tests - failure to do so will result in a zero (0).

Maintaining a safe and clean environment is your responsibility.

Follow all Cross Creek policies and the RCSS Code of Conduct.

Remember No Effort = No Help

Consequences for Not Following the Classroom Rules/Norms.

1. Individual warning.
2. A phone call to your parent/guardian regarding the behavior issue.
3. Written referral to the corresponding assistant principal.

**** Severe Disruption: Removal from classroom and referral submitted!