

Cross Creek High School Geometry Syllabus

2023 - 2024



Teacher: **Ms. G. Williams** Email address: WilliGl1@boe.richmond.k12.ga.us School Phone: 706-772-8140 PARENTS: Google Voice Text/Call: (706) 447-9109

Expectations:

Students are expected to be prepared, organized, responsible, courteous, cooperative, respectful and trustworthy. But most of all, I expect a student's BEST efforts! Upon entering the classroom, students are to be seated, take out materials and begin their "WARM-UP" assignment. No food/drink are allowed in the classroom. If technology is required for instruction, students will be informed. Cell phones are to be checked in at the beginning of class and secured in the phone pocket holder located at the front of the classroom. Phones will be retrieved at the end of the class period.

Stay engaged! Don't get side-tracked!

Course Description: A summary:

Geometry is the second course in a sequence of four required high school courses to earn Carnegie credits towards graduation. These courses are designed to enhance student's geometric, algebraic, graphical & probabilistic reasoning skills. Students will apply their algebraic & geometric reasoning skills to make sense of problems involving geometry, trigonometry, algebra, probability and statistics. Students will continue to enhance their analytical geometry & reasoning skills when analyzing & applying a deep understanding of polynomial expressions, proofs, constructions, rigid motions & transformations, similarity, congruence, circles right triangle trigonometry, geometric measurement and conditional probability.

Standards for Mathematical Practice provide the foundation for instruction and assessment. The (8) practices are essential to the implementation of the content standards presented in this course.

Prerequisite:

Completion of Algebra-Concepts & Connections

Course Outline: The Geometry curriculum is divided into several different units.

Unit	Units of Study
1	Polynomial Expressions
2	Geometric Foundations, Construction and Proof
3	Congruence
4	Similarity
5	Right Triangle Trigonometry
6	Circles
7	Equations & Measurement
8	Probability & Statistics
9	Culminating Capstone Unit (Apply concepts in real life
	situations)
	Final Exam Prep

Required Course Materials:

Pencils (pens are not recommended)

2" Three-ring binder Notebook Paper

** Dividers & Calculators are provided

Parental Involvement:

Ways you can help your child be successful in Geometry.

- 1. Periodically check your child's notebook for completed assignments.
- 2. Encourage development of good study skills, especially organization of time and materials.
- 3. Failing grades on quizzes can be an indicator of probable future test grades, unless there is an intervention **attempted by the student** (i.e. request for help; tutoring). Ask your child if he/she needs additional help:

Tutoring: Consult with teacher to see when sessions are being offered

- 4. Parent/Teacher conferences are required for all students earning D's and F's at the end of the **first 6-week Progress Report** grading period. Conferences can be scheduled through the Guidance Dept at (706) 772-8140.
- 5. Remember: Math needs daily practice, just like sports and music.

Grading Policy: The following is a summary of the grading percentages for Geometry.

Type of Assign	nment	Grade %
• Participation:		MINOR
Participation grades m	nav be awarded	60%
based on participation		
discussions & group a	•	
Class Assignments / Homework		
/ Online Assignments		
Most tasks are comp		
Practice work is giver	n with the	
purpose of reinforcing	what was	
covered during class. It is imperative		
that you complete AL	L practice	
work.		
 Interactive Noteb 		
Interactive Notebooks	are valuable	
tools. All assignments		
notes, foldables, refer		
evaluations are organi		
notebook for the stude		
USC.		
 Culminating Tasl Students will complete 		
task or a project in cla		
unit.		
• Quizzes & Unit T	ests Tests will	MAJOR
be scheduled, and the	40%	
quizzes given for each		
students can determin		
are adequately progre		
grades on quizzes car		
indicator of probable for		
grades, unless there is		
intervention attempted		
(i.e. tutoring) SEMESTER FINAL	udent's	
EXAM	10% of the student's overall Math average	
LAAWI	Overall Maill	average

Make-up Work:

- 1. Excused Absences: Students must make up work in a timely fashion (school policy).
- 2. Unexcused Absences: Make up work will be considered on a case-by-case basis.
- 3. Missed Tests: Tests assigned before your absence and given on the day of your absence must be made up on the day you return. If you are present when a test is assigned and you miss the day we review, you will be required to still take the test on the scheduled day.
- 4. I strongly advise you not miss class. However, if you must be absent, it is your responsibility to make up any work/notes you may have missed.



I have reviewed & understand the syllabus for **GEOMETRY A/B** for the 2023-2024 school year

Student Signature / Date

Parent Signature / Date

Grading Scale:

A = 90 - 100

B = 80 - 89

C = 75 - 79

D = 70 - 74

 $\mathbf{F} = 69 \text{ or below}$