



Cross Creek High School Geometry Syllabus 2023 - 2024



Teacher: **Ms. G. Williams**
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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.**

