

Syllabus – Geometry: Concepts and Connections

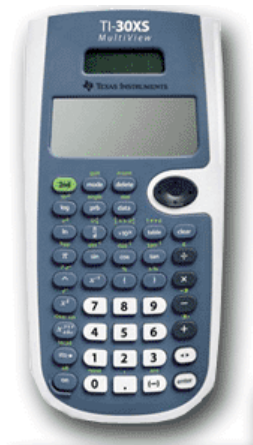
Teacher: Susan Dowling

Room Number: 904

Email: sdowling@gsiccharter.education

Supply List

Calculator – TI-30XS Multi-View
3-ring Binder (at least $1\frac{1}{2}$ inches)
Paper (Notebook and Graph)
Pencils – No. 2 and Colored
Erasers
Compass that does not slip
Protractor
Ruler
Expo Marker
Highlighter
1 Roll of Paper Towels



Quarter Grades

- Homework 5%
- Daily Grades 20%
- Quizzes 30%
- Tests 45%

Each Quarter is 20% of your overall average for the year.

A final exam will count 20% of your overall average for the year.

TEACHER WISH LIST:

Kleenex, Paper Towels, Hand Sanitizer, Disinfectant wipes, Pencils, Printer paper, Ink cartridges HP63

COURSE DESCRIPTION:

Course Description: Geometry: Concepts and Connections (27.08210) is the second course in a sequence of three high school courses designed to ensure career and college readiness. This course is intended to enhance 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.

The standards are divided into nine course units.

Unit 1: Polynomial Expressions

Unit 2: Geometric Foundations,
Construction and Proof

Unit 3: Congruence

Unit 4: Similarity

Unit 5: Right Triangle Trigonometry

Unit 6: Circles

Unit 7: Equations and Measurement

Unit 8: Probability and Statistics

Unit 9: Culminating Capstone Unit

A detailed list of standards can be found at <https://www.georgiastandards.org>

EXPECTATIONS:

Be on time. Enter the classroom and get started on the daily warm-up. Tardies will be recorded in Infinite Campus. Do not leave without permission.

Be prepared. Have all of your materials and assignments ready upon entering the room.

Be positive and polite. Ask questions and listen when others ask.

Be respectful to me, your classmates, yourself.

Be a good example. Know the rules and follow school rules. No phones or smartwatches, no gum, do not ask to go to the restroom,

MAKE-UP WORK: Students have 5 days from the date of return to complete all missed assignments due to an excused absence. Make-up tests and quizzes must be taken after school. Check Google Classroom for assignments. Check grades often.