



Ringgold High School

29 Tiger Trail
Ringgold, GA 30736

Accelerated Geometry

Purpose: An understanding of the attributes and relationships of geometric objects will be applied in diverse contexts. Euclidean Geometry will be studied both synthetically (without coordinates) and analytically (with coordinates). Analytical geometry connects algebra and geometry, resulting in powerful methods of analysis and problem solving.

Prerequisite: Accelerated CCGPS Algebra.)

GEORGIA PERFORMANCE STANDARDS:

G Geometry

G-CO Congruence

G-CO Experiment with transformations in the plane

G-CO Understand congruence in terms of rigid motions

G-CO Make geometric constructions

G-SRT Similarity, Right Triangles, and Trigonometry

G-SRT Understand similarity in terms of similarity transformations

G-SRT Prove theorems involving similarity

G-SRT Define trigonometric ratios and solve problems involving right triangles

G-SRT Apply trigonometry to general triangles

G-C Circles

G-C Understand and apply theorems about circles

G-GPE Expressing Geometric Properties with Equations

G-GPE Translate between the geometric description and the equation for a conic section

G-GPE Use coordinates to prove simple geometric theorems algebraically

G-GMD Geometric Measurement and Dimension

G-GMD Explain volume formulas and use them to solve problems

G-GMD Visualize relationships between two-dimensional and three-dimensional objects

G-MG Modeling with Geometry

G-MG Apply geometric concepts in modeling situations

Materials Needed:

Three-ring binder for notebook, loose-leaf paper, pencil (no pen please), textbook, and calculator (preferably TI-30XIIB)

Grading Policy for Accel geometry:

*Tests are 50% of your 9-weeks grade.

* Daily work is 40% of your 9-weeks grade. This will include tasks, homework, literature circles, writing assignments, graphic organizers, pre-test/post-test and review portfolios, group work, quizzes, worksheets, etc.

*Projects are 10% of your 9-weeks grade.

The final exam/EOCT is 20% of your semester grade.

Semester grade is 40% 1st 9-weeks, 40% 2nd 9-weeks, and 20% final exam.
90-100 is A, 80-89 is B, 79-74 is C, 70-73 is D, <70 is F

Make-up work:

All make-up work is the responsibility of the student and must be completed in accordance to board policy.

Extra help:

We are available almost everyday before and/or after school if extra help is needed. Any student in need of extra help can make arrangements with us to set up a day and time for tutoring.

Student Signature _____

Parent Signature _____