



RR Geometry A/B Grand Haven High School



Course Number: E30

Grade Level: 9-12

Credits : 1

Prerequisite Courses : Algebra 1 or RR Algebra I

Course Description

RR Geometry A/B is a two-semester course for students encountering difficulties understanding basic algebraic skills and is intended for students who have successfully earned credit for Algebra I. This resource room level course is designed for those students who desire a slower paced learning environment. The course is founded on project-based with group collaboration and individual growth. RR Geometry is structured through modified and accommodated Common Core Geometry curriculum to meet students' individual needs. Technology will be used daily!

Course Objectives

First semester will review concepts taught in Algebra I and build skills involving systems of equations, linear functions and graphing. The second semester will focus on the relationships of various shapes. Overall, We will explore congruent and similar figures, polygons and circles, area and volume. The goal is to create critical thinkers and to apply geometric understanding to real world situations.

Student Expectations

A positive attitude will bring positive results, and all students and staff are expected to do their personal best in class daily. Respect for yourself, others, and the environment around you will also be expected from everyone in the classroom. If a student's behavior is disrespectful or disruptive, discipline actions will follow. Please see class expectations for further explanation of discipline action.

Students are expected to be active participants in their education, including completion of all assigned notes, assignments and best effort on quizzes and tests.

Students are strongly recommended to obtain a scientific/graphing calculator for this course. A 3-Ring spiral notebook is required for student resources. This notebook will help to teach further skills such as organization and time management.

Building Behavioral Expectations

TEAM GH ... One Team, One Family, One Grand Haven. Be Kind. Always.

It is our expectation that ALL GHHS students, staff and parents will ... always give their best **EFFORT** in everything that they do, work hard to be **INCLUSIVE** of each other, show **RESPONSIBILITY** in class, the hallways, cafeteria and at events, and **WORK TOGETHER** at all times!

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Communication

Students are expected to regularly monitor their progress through the StudentVue account and teacher online Weebly site. The teacher will also be available through email contact and phone.

In addition to resource room help, the Math Lab is available before and after school, and during all lunches for additional help.

Grading Policy

Grading Policy is determined by Special Education Department and the needs of the students.

Scope and Sequence

First Semester:

Chapter 1: Tools Of Geometry

Chapter 2: Reasoning and Proofs

Chapter 3: Parallel and Perpendicular Lines

Chapter 4: Congruent Triangles

Chapter 5: Relationships within Triangles

Chapter 6: Polygons and Quadrilaterals

Second Semester:

Chapter 7: Similarity

Chapter 8: Right Triangles and Trigonometry

Chapter 9: Transformations

Chapter 10: Area

Chapter 11: Surface Area and Volume

Chapter 12: Circles

The above curriculum is set in place by the Common Core Geometry standards. The curriculum will be modified and flexible to fit individual student needs throughout each semester.

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