

Geometry
Dr. Matthew Gardner-Spencer
2018-2019
Course Overview

Description:

Academic Grades 10-12

Full Year 1 Credit

Students will learn the concepts of plane geometry that will develop their ability to make sound judgments about spatial relationships and to develop habits of logical thinking. An intuitive and discovery approach is utilized which simplifies the presentation and facilitates understanding of Euclidean geometry by having students be active participants in the course. Geometer's Sketchpad is used to enhance the theoretical study of geometry. The standard content of Euclidean geometry is presented at a pace for the average student in geometry. Areas covered include points, lines, planes, angles, constructions, congruence, polygons, similarity, circles, area, perimeter, and volume, with a focus placed on creating proofs.

Activities:

- Daily homework assignments
- Worksheets
- Quizzes
- Chapter tests
- Class participation
- Board work
- Group work

Course procedures:

I will expect you to:

- Come to class prepared: pencil, notebook, homework
- Be in your seat, assignment on your desk and be ready to work when the bell rings.
- Not eat or drink in the classroom
- Obtain all assignments before a field trip
- Show all work on your homework assignments for full credit. Answers alone will not be accepted unless otherwise announced.
- Respect each other and each other's property (including your teacher's!)
- Be honest
- Not cheat. Cheating will result in an automatic zero.
- Come for extra help when needed
- Make up any tests, quizzes and homework within five days of your return to school

You can expect me to:

- Treat you with fairness and respect.
- Be available after school for extra help.
- Be well-prepared for class
- Return your work in a timely manner
- Be ready to begin class promptly

Grading:

Assignments	Weight	Graded on
Classwork	10%	Effort/Completion
Class Participation	10%	Once every week
Homework	15%	Effort/Completion
Quizzes	30%	Correctness
Tests	35%	Correctness
Total:	100%	

Contact Information:

Voicemail: 219

Email: mgardnerspencer@thompsonpublicschools.org

Parent Signature

Please sign and return to the teacher.

I, (please print parent/guardian name) _____,

have read the classroom policies for my child _____

in the Geometry class and understand them.

Signature: _____

Parent email: _____