

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

**Description:**

Academic Grades 10-12

Full Year 1 Credit

Students will learn to make sound judgments about special relationships and to develop habits of logical thinking. An intuitive and discovery approach is utilized which simplifies the presentation and facilitates the understanding of basic Euclidean geometry by having students be active participants in the course. Geometer's Sketchpad is used to enhance the theoretical study of geometry. The honors level of geometry is presented at a pace that challenges students to become strong problem solvers and critical thinkers. Areas covered included points, lines, planes, angles, proofs, constructions, congruencies, polygons, similarities, circles, areas, perimeters and volumes. Students will work independently and collaboratively to solve problems and accomplish goals. Students will communicate information clearly and effectively using a variety of tools/media in varied context for a variety of mathematical purposes. Prerequisite: Successful completion of Honors Algebra II with a minimum grade of 80 or completion of Algebra II with a minimum grade of 90

**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:**

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

**Contact Information:**

**Voicemail:** 219

Email: [mgardnerspencer@thompsonpublicschools.org](mailto: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 Honors Geometry class and understand them.

Signature: \_\_\_\_\_

Parent email: \_\_\_\_\_