

Geometry Syllabus

Instructor: Mrs. Burlison

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Classroom: 38

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Textbook: Discovering Geometry, 3rd Edition, Key Curriculum Press

Course Description: The purpose of this course is to develop the geometric relationships and deductive strategies that can be used to solve a variety of real world and mathematical problems. The content will include, but not be limited to, the following:

- geometric constructions
- terminology and fundamental properties of geometry
- formal and informal proof
- exploration of geometric relationships such as parallelism, perpendicularity, congruence and similarity
- right triangle trigonometry
- properties of circles
- deductive and inductive reasoning
- coordinate geometry and transformations

Materials:

- 3-ring binder (1” minimum) – this must be used exclusively for math
- notebook paper
- pencils
- calculator
- compass, protractor, ruler

Attendance: Any student that records **8 unexcused or excused absences** will be removed from class and placed on permanent work detail for the remainder of the semester.

*Exceptions will be made for school related activities and medical. For an absence to be considered medical the attendance officer must enter a letter “M” into the computer.

Students that are not prompt will not be admitted to class.

Grading Policy: Grades will be based on a total points system, the student’s average being found by dividing the total number of points earned by the total number of points possible for the grading period. Points for each assignment will generally fall within the following guidelines. However, depending on the complexity and amount of work involved with the assignment, points may vary.

Tests/ Quizzes	50-100 points
Daily Participation	5 points
Notebook checks	100 points

Other assignments that may receive grades include class work, computer assignments or projects. 20% of the final grade will be calculated with Test Prep scores.

I, _____ have read the Geometry Syllabus.
(student signature)

I, _____ have read the geometry Syllabus.
(parent/guardian signature)