

Geometry Syllabus

Materials:

We will be using Holt Geometry, 2007 as well as many miscellaneous resources. In addition to this, we will use www.mobymax.com to help us fill in any holes in our knowledge.

Students are responsible for these materials:

Three Ring Binder, loose leaf, pencils, protractor, compass, colored pencils, and erasers.

Grading:

Homework, Projects, and In Class Work will be 20% of the grade.

Homework : Homework includes textbook problems, 45 minutes of www.mobymax.com per week, and other small projects and worksheets.

Projects : Larger projects that help students get a more full understanding of concepts learned throughout the grading period.

In Class Work: During class the students will be expected to take notes by filling in “notes worksheets.” The worksheets will help the students recognize good note taking and help them learn to use the notes for assignments. Students may also have worksheets or activities assigned to be completed during class.

Quizzes (10%): Assesses understanding of lessons on a regular basis.

Tests (70%): Tests assess the student’s knowledge and ability of the curriculum.

Year Objectives:

This is a High School level Geometry course taught for our advanced middle school students. The textbook used is Geometry, Holt 2007. The student will learn the Foundations for Geometry and Geometric and Spatial Reasoning including column proofs, paragraph proofs, and symbolic logic. Students will do compass and straight edge constructions as well as constructions using technology. Students will learn relationships and attributes of geometrical figures including: Parallel and Perpendicular Lines, Triangle Congruence, Properties and Attributes of Triangles, Polygons and Quadrilaterals, Similarity, Right Triangles, and Circles. Students will also perform transformations on geometrical figures. Students will also be introduced to trigonometry.

Classroom Rules

P.R.A.Y.

Politeness, Respectful, Attentive, and Yearning to Learn

This syllabus is subject to change.