

# Geometry

(Resource Room)

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**Text:** Geometry      **Author:** Siegfried Haenicsh  
**Copyright:** 2001      **Publisher:** American Guidance Service, Inc.

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**Supplies Needed:** Notebook, pencil (no pens), ruler, protractor, compass, calculator

**Course Description:** This course will teach the basic concepts of Geometry in a step-by-step approach and meets the standards set forth in the Maine Learning Results and the National Council of Teachers of Mathematics. This course is geared for students who learn in many different ways. Emphasis is placed on instruction that uses a variety of modalities to promote concept mastery. It is understood that students will learn at a different pace and that instruction will be based on individual needs and programming goals. This course fulfills 1 credit of the Math graduation requirement.

**Course Expectations:**

- All students will be prepared with a notebook to take notes as directed as well as a pencil and calculator. These items are the responsibility of the student and will not be provided.
- Assignments will be turned in on time, unless student has an excused absence.
- Make-up work is the responsibility of the student. Student Handbook policies will be applied.

**Grading Policy:**

Notebook	10%
Daily Work	50%
Tests/Assessments	40%

**Curriculum:**

Quarter 1 August through November

- Chapter 1 Exploring Geometry: Points, Lines, and Angles in the Plane
- Chapter 2 Thinking Geometry: Using Proofs
- Chapter 3 Parallel Lines and Transversals

Quarter 2 November through January

- Chapter 4 Using Algebra: Lines in the Coordinate plane
- Chapter 5 Triangles and Quadrilateral
- Chapter 6 Congruent Triangles and Transformations

Quarter 3 January through April

- Chapter 7 Proportion and Similarity
- Chapter 8 The Pythagorean Theorem

Quarter 4 April through June

- Chapter 9 Perimeter and Area
- Chapter 10 Circles and Spheres