

Course Title: Geometry
Credit / Hours: 1 credit

Board Approval Date: June, 2010

Course Description:

Description: This course is aligned with the PA Standards and will prepare students to sit for the Keystone Exam in geometry upon completion of the course. Geometry topics include, but are not limited to, points, lines, and planes; segments and angles; parallel and perpendicular lines; triangle relationships; congruent triangles; special quadrilaterals; similarity of plane figures; areas of plane figures; surface area and volume of solids; right triangle trigonometry; and circles.

Learning Activities / Modes of Assessment:

Large group instruction
Tests and Quizzes
Checklists / Teacher Observation
Small group work
Computer simulations
Daily Bellringers

Instructional Resources:

Larson, Boswell, et al. *GEOMETRY*. McDougal Littell, 2007.
Appropriate Internet sources

Course Pacing Guide

Course: Geometry

Course Unit (Topic)	Length of Instruction
1. Lines, Angles, & their relationships	15 Days
2. Congruent and Similar Triangles	15 Days
3. Right Triangles	15 Days
4. Polygons	15 Days
5. Circles	15 Days
6. Area and Volume	10 Days
7. Preview	2 Days