



Class Name: Geometry
Block 5 (1:30-2:25)
Fall & Spring 2021-22

Tutor: Natalie Martin
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Grade Level: 9th-12th

Pre-requisite: Algebra 1

Course Description: This course introduces students to a balanced study of geometric theorems and real-life applications. Students will study formal definitions, reasoning, congruence, similarity, constructions, two- and three-dimensional figures, coordinate geometry, transformations, and trigonometry. Several historical fiction accounts introduce students to key figures in mathematical history and provide opportunities for biblical worldview shaping, while "Geometry Around Us" sections highlight real-life applications of geometry.

Curriculum/Textbook: BJU Press Geometry Student Text (Fourth Edition)

Supplies Required: Notebook/binder, notebook paper/notebook, graph paper, compass, ruler, protractor. Scientific calculator.

• **Monthly class cost:** \$8.00 per week

• **Materials Fee:** \$0

Minimum # of students: 3

Maximum # of students: 16

