



STONE HILL LEARNING CENTER

Geometry

Thursdays, 9:30am - 12:00pm, plus 1-hour online session

Instructor: Terry-Ann Gilleland

Contact: lcdirector@stonehillprinceton.org

Course Description

Students use the Saxon Geometry text to explore topics in high school geometry. This is a stand-alone class for high school students filling a one-year geometry requirement. The course will cover triangle congruence, postulates and theorems, surface area and volume, two-column proofs, vector addition, and slopes and equations of lines. Students will be assigned projects to investigate the role of geometry in the natural and man-made worlds around us.

Quizzes and cumulative tests will be given periodically. In addition to the in-person class, a one-hour session will be scheduled online for further instruction and homework help. Prerequisite: Algebra 1 or placement test.

Book Required for Class

Saxon Geometry, Student Edition 2009 (Just the student text. The homeschool kit is not required.)

ISBN: 978-1-6027-7305-9

Other required materials

- Notebook for taking class notes
- Folder or binder to hold handouts and homework
- Graph paper
- Compass
- Ruler: both in inches and centimeters
- Protractor
- Scientific or graphing calculator