

# Geometry

**Mrs. Carreybeth Lehew**

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## **Teacher:**

- Bachelor of Science in Elementary Education from Baylor University
- Math Endorsement from Tulsa Community College
- Former Public School teacher in Texas and Oklahoma
- Classical Conversations Tutor for Challenge 1

## **Tuition:**

- \$45 per month

## **Textbook:**

- McDougal Littell - Geometry
  - ISBN 13 - **978-0618250226**
  - Amazon Link: <https://a.co/d/0V3W6yr>

## **Supplies:**

- 2 inch Three-ring hardcover Binder
- Pocket 3 prong folder (labeled weekly turn in Binder)
- Notebook Paper
- Graphing Paper
- Five tab dividers
- 3 x 5 Notecards
- Pencils
- 5 set colored Highlighters
- Ruler
- Protractor
- Compass
- Desmos Graphing App
- Calculator (T83)

**Course Description:** Geometry includes an in-depth analysis of plane, solid, and coordinate geometry as they relate to both abstract mathematical concepts as well as real-world problem situations. Topics include logic and proof, parallel lines and polygons, perimeter and area analysis, volume and surface area analysis, similarity and congruence, trigonometry, and analytic geometry.

**Prerequisite:**

- Algebra I

**Workload:**

- 3-4 assignments weekly
- 45-60 minutes each day for completion of assignments
- Daily grading of assignments by parents (using a highlighting system)
- Student's corrections of daily assignments with final grade highlighted in Blue. Assignments placed in numerical order in the turn-in binder.
- Possible quizzes on certain weeks administered and signed by parents
- Chapter Tests administered and signed by parents

**Extra Help:**

- Help Sessions available Tuesday and Thursday from 12-2 pm, Or by appointment.
- Additional help online: Videos at YouTube and Khan Academy