Geometry: A-G or non-A-G option

Pricing:

Families may choose to either:
- Pay the full semester fee at the beginning of the term, and receive a **$20 discount per class**, or
- Divide the semester fee into **five monthly payments**.

Families using Ocean Grove Charter School instructional funds
will be billed monthly through their purchase order (PO) and, therefore, are not eligible for the $20 discount. If you're using Ocean Grove funds, please ask your Education Specialist (ES) to generate a PO for the full semester price of your selected course(s). The Santa Cruz Learning Center will then invoice Ocean Grove monthly. <u>Please remember to register directly with us to reserve your spot in class.</u>

Live Instructional Hours		*Pricing*	
Per Week	**Per Semester**	**Per Month**	**Per Semester***
2 hours and 20 mins	37 hours	$130	$650

Description:
This course emphasizes studying the properties and applications of standard geometric figures in two and three dimensions. Topics include transformations, right triangle trigonometry, circle and polygon proofs, and angle calculations. Students write formal proofs and apply inductive/deductive reasoning in real-world applications.
Prerequisite: Algebra 1.

Fall	**Spring**
Chapter 1: Basics of Geometry Chapter 2: Reasoning and Proofs Chapter 3: Parallel and Perpendicular Lines Chapter 4: Transformations Chapter 5: Congruent Triangles Chapter 6: Relationships within Triangles	Chapter 7: Quadrilaterals and Other Polygons Chapter 8: Similarity Chapter 9: Right Triangles and Trigonometry Chapter 10: Circles Chapter 11: Circumference, Area, and Volume Chapter 12: Probability

In-Person or Zoom:
Attend classes either in person or live via Zoom, ensuring flexibility and inclusivity.

Approved Syllabus:
Follow an approved syllabus through Ocean Grove Charter School, with enrollment open to students from any school or homeschool.

Homework:
Assigned at each class meeting, ranging from 30 to 60 minutes, with submissions due at the next class unless specified otherwise.

Exams and Quizzes:
Chapter exams and quizzes will be completed at home. At the end of each semester, a comprehensive final will be administered.

Class Structure:
The first third of each class meeting is dedicated to reviewing previous material and addressing questions; the remaining time focuses on new information and note-taking skills.

Required Materials:
➢ Two graph paper notebooks (one for homework, one for notes)
➢ A scientific calculator. We like the TI-30XIIS Amazon Link
➢ A pencil with plenty of eraser

Textbook:
The textbook can be accessed online for free here
If you would like to obtain a hard copy of the textbook (optional), used copies are available online for under $20.

Big Ideas Math Geometry: Common Core Edition
Ron Larson
ISBN-13: 978-1608408399
ISBN-10: 160840839