

Textbook Adoption Request 2024

Subject Area / Course:

Geometry

Text Replacing:

Geometry for Enjoyment and Challenge

Copyright Date:

1991

Committee Members: (including Special Education representative(s):

Mathematics Department, Erin Nevasier, Danielle Fragoso

Reviewed By Students:

Yes

No

Reviewed by Special Education

Yes

No

Teacher(s):

Title of Text

ISBN #

Copyright Date

Geometry Concepts and
Connections

9798888034897

2025

Publisher:

Cengage Learning

Address:

10650 Toebben Drive Independence, KY
41051

Rationale (indicate goals or objectives addressed from curriculum):

- Units covered include:
 - Unit 1: Basics of Geometry
 - Unit 2: Reasoning and proofs
 - Unit 3: Parallel and Perpendicular Lines
 - Unit 4: Transformations
 - Unit 5: Congruent Triangles
 - Unit 6: Relationships within Triangles
 - Unit 7: Quadrilaterals and Other Polygons
 - Unit 8: Similarity
 - Unit 9: Right Triangles and Trigonometry
 - Unit 10: Circles
 - Unit 11: Circumference, Area, and Volume
 - Unit 12: Probability
- Objectives align with state standards, SAT, and current curriculum
- Balanced approach to conceptual understanding and procedural fluency
- Extensive online resources in addition to the textbook
- Assessment platform, teacher resources, pacing guides

Board Approval Date: _____

Strengths from a Student Perspective:

The online textbook is user-friendly, well organized and can be translated into Spanish and other languages.

The online resources include additional videos to support student understanding, flashcards are included.

This textbook makes connections to careers, includes a balance of geometry and algebra to support continued algebraic practice, and includes constructions to visualize geometric concepts.

Limitations from a Student Perspective:

Course pacing to complete the entire book requires 176 days. Some differentiated resources are only available online. Textbook does not include SAT specific questions.

Indicate How You Will Address the Limitations of the Selected Text:

Curriculum will be written to meet the two trimester requirement with intentional focus on essential topics. Teachers will guide students through online resources to highlight features in units. SAT questions will be incorporated into lessons and assessments.

Other Texts Considered	Publishing Company
HMH Geometry	Pearson Education Inc.
Illustrative Math Geometry	Kendall Hunt
Pearson enVision	Savvas Realize

Total Number of Copies	# of Copies	Projected Price Per Copy
Digital Access w/ Print	120	\$156.00 for a 6-year subscription
Special Education Copies	N/A	

Total Number of Students	# of Students	Grade levels of Students
Core Classroom Student Number	120	9-11
Special Education Student Number	N/A	

Board Approval Date: _____

Ancillary Material Cost; e.g. teacher's edition(s), software. Please provide detail for ancillary materials:

Core Ancillary Materials:

Materials Requested	ISBN #	Cost per unit	Total Cost
Teacher Resource Package 6-years	9798888035191	600.00	3000

Special Education Ancillary Materials:

Materials Requested	ISBN #	Cost per unit	Total Cost
N/a			

Total Projected Cost:

\$23,892

Signatures:

Program Coordinator/Chair of Textbook
Representative
Adoption Committee

Special Education

Please submit to the Central Office a copy of the student text thirty (30) days in advance of projected submission to the Superintendent.

Board Approval Date: _____

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