6 - 12 Mathematics Textbook Adoption



Dr. Renee Honaker, Director of Secondary Instruction
Sarah Hallum, Coordinator of Mathematics
July 1, 2025

OCPS Adoption Timeline

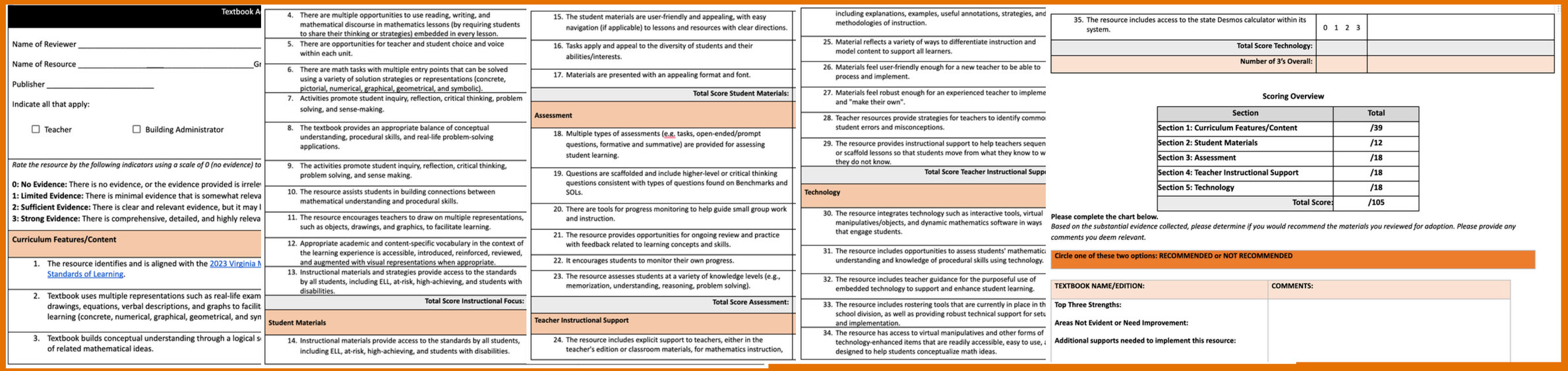
April 2025	Textbook Adoption Committee Established
May 2025	Textbook Adoption Committee Meeting Text Representatives Program Presentations Faculty Review of Materials and Complete Rubric Review
June 2025	Committee Member Present Rubric Information Textbooks available for Community to Review
July 2025	Recommendation to School Board Order Materials Establish Training Timeline

Virginia Board of Education Approved List

Textbooks Reviewed:

- STEMscopes
- Kiddom
- Mathspace

OCPS Rubric



Textbook A

Name of Reviewer _____

Name of Resource _____ Gr

Publisher _____

Indicate all that apply:

☐ Teacher ☐ Building Administrator

Rate the resource by the following indicators using a scale of 0 (no evidence) to

0: No Evidence: There is no evidence, or the evidence provided is irrele
1: Limited Evidence: There is minimal evidence that is somewhat releva
2: Sufficient Evidence: There is clear and relevant evidence, but it may l
3: Strong Evidence: There is comprehensive, detailed, and highly releva

Curriculum Features/Content

1. The resource identifies and is aligned with the 2023 Virginia M Standards of Learning.
2. Textbook uses multiple representations such as real-life exam drawings, equations, verbal descriptions, and graphs to facilit learning (concrete, numerical, graphical, geometrical, and syn
3. Textbook builds conceptual understanding through a logical s of related mathematical ideas.
4. There are multiple opportunities to use reading, writing, and mathematical discourse in mathematics lessons (by requiring students to share their thinking or strategies) embedded in every lesson.
5. There are opportunities for teacher and student choice and voice within each unit.
6. There are math tasks with multiple entry points that can be solved using a variety of solution strategies or representations (concrete, pictorial, numerical, graphical, geometrical, and symbolic).
7. Activities promote student inquiry, reflection, critical thinking, problem solving, and sense-making.
8. The textbook provides an appropriate balance of conceptual understanding, procedural skills, and real-life problem-solving applications.
9. The activities promote student inquiry, reflection, critical thinking, problem solving, and sense making.
10. The resource assists students in building connections between mathematical understanding and procedural skills.
11. The resource encourages teachers to draw on multiple representations, such as objects, drawings, and graphics, to facilitate learning.
12. Appropriate academic and content-specific vocabulary in the context of the learning experience is accessible, introduced, reinforced, reviewed, and augmented with visual representations when appropriate.
13. Instructional materials and strategies provide access to the standards by all students, including ELL, at-risk, high-achieving, and students with disabilities.

Total Score Instructional Focus:

Student Materials

14. Instructional materials provide access to the standards by all students, including ELL, at-risk, high-achieving, and students with disabilities.
15. The student materials are user-friendly and appealing, with easy navigation (if applicable) to lessons and resources with clear directions.
16. Tasks apply and appeal to the diversity of students and their abilities/interests.
17. Materials are presented with an appealing format and font.

Total Score Student Materials:

Assessment

18. Multiple types of assessments (e.g. tasks, open-ended/prompt questions, formative and summative) are provided for assessing student learning.
19. Questions are scaffolded and include higher-level or critical thinking questions consistent with types of questions found on Benchmarks and SOLs.
20. There are tools for progress monitoring to help guide small group work and instruction.
21. The resource provides opportunities for ongoing review and practice with feedback related to learning concepts and skills.
22. It encourages students to monitor their own progress.
23. The resource assesses students at a variety of knowledge levels (e.g., memorization, understanding, reasoning, problem solving).

Total Score Assessment:

Teacher Instructional Support

24. The resource includes explicit support to teachers, either in the teacher's edition or classroom materials, for mathematics instruction, including explanations, examples, useful annotations, strategies, and methodologies of instruction.
25. Material reflects a variety of ways to differentiate instruction and model content to support all learners.
26. Materials feel user-friendly enough for a new teacher to be able to process and implement.
27. Materials feel robust enough for an experienced teacher to impleme and "make their own".
28. Teacher resources provide strategies for teachers to identify commo student errors and misconceptions.
29. The resource provides instructional support to help teachers sequen or scaffold lessons so that students move from what they know to w they do not know.

Total Score Teacher Instructional Supp

Technology

30. The resource integrates technology such as interactive tools, virtual manipulatives/objects, and dynamic mathematics software in ways that engage students.
31. The resource includes opportunities to assess students' mathematic understanding and knowledge of procedural skills using technology.
32. The resource includes teacher guidance for the purposeful use of embedded technology to support and enhance student learning.
33. The resource includes rostering tools that are currently in place in th school division, as well as providing robust technical support for setu and implementation.
34. The resource has access to virtual manipulatives and other forms of technology-enhanced items that are readily accessible, easy to use, designed to help students conceptualize math ideas.
35. The resource includes access to the state Desmos calculator within its system. 0 1 2 3

Total Score Technology:

Number of 3's Overall:

Scoring Overview

Section	Total
Section 1: Curriculum Features/Content	/39
Section 2: Student Materials	/12
Section 3: Assessment	/18
Section 4: Teacher Instructional Support	/18
Section 5: Technology	/18
Total Score:	/105

Please complete the chart below.
Based on the substantial evidence collected, please determine if you would recommend the materials you reviewed for adoption. Please provide any comments you deem relevant.

Circle one of these two options: RECOMMENDED or NOT RECOMMENDED

TEXTBOOK NAME/EDITION:	COMMENTS:
Top Three Strengths:	
Areas Not Evident or Need Improvement:	
Additional supports needed to implement this resource:	

Alignment to New Standards

Curriculum Features/Content

Student Materials

Assessment

Teacher Instructional Support

Technology

OCPS Textbook Recommendation

Kiddom Grades 6

7-Year Contract

- Alignment to the new Standards of Learning for Grade 6
- It will align better with grades K - 5
- Teacher Materials (Hard Copy & Digital)
- Student Materials (Hard Copy & Digital)

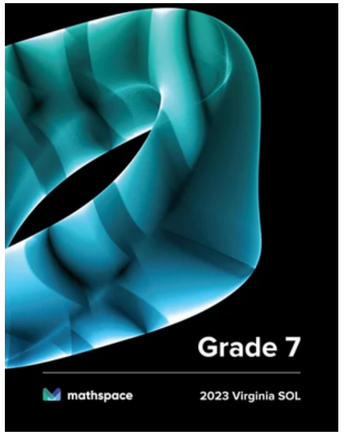


OCPS Textbook Recommendation

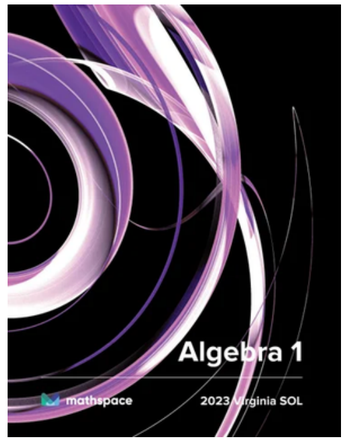
Mathspace Grades 7 - Algebra II

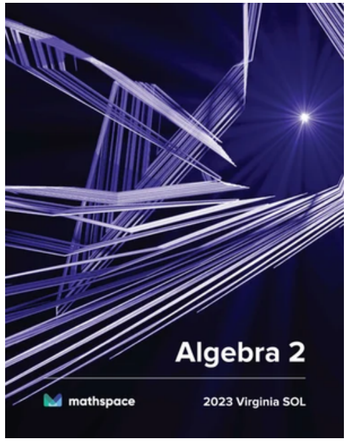
7-Year Contract

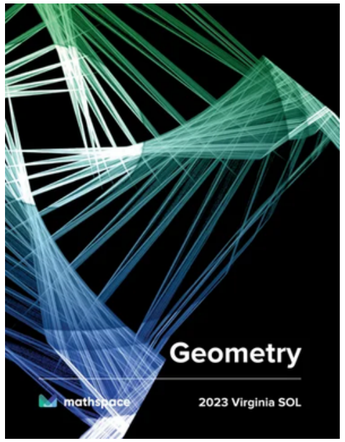
- 100% Alignment to the new Standards of Learning
- Teacher Materials (Hard Copy & Digital)
- Student Materials (Hard Copy & Digital)











OCPS Textbook Recommendation

Grade 6

Class Set of Books
Teacher Print Materials
Student and Teacher Digital Materials
PD for Teachers

Kiddom

Teacher Materials	Gratis with student textbooks
Student Materials	118.65 Per Student Digital 105 Per Textbook
Professional Development	Gratis w/full adoption
TOTAL	**$60,692.22**

OCPS Textbook Recommendation

Mathspace

Grades 7 - EOC

Class Set of Books
Teacher Print Materials
Student and Teacher Digital Materials
PD for Teachers

Teacher Materials	$1,890
Student Materials	$228,835
Professional Development	Gratis w/full adoption
TOTAL	**$232,075**

OCPS Textbook Recommendation

Any Questions?