

Vendor Criteria List #1

Alignment to State Standards:

- Ensures that the curriculum aligns with the Arizona State Math Standards
- Incorporates the Standards for Mathematical Practices in every lesson

Differentiation:

- Offers teachers strategies to address diverse learner needs
- Supports teachers in sequencing lessons for effective progression of knowledge
- Creates chances for struggling students to revisit and master content
- Enables advanced students to explore topics more thoroughly

Procedural Support for Students:

- Encourages the enhancement of students' procedural skills through sequential activities that logically connect across units, spiraling in big ideas, and ensuring ample time for application problems
- Provides opportunities for practicing mathematical fluency within lessons
- Easy to access digital resources that are student and parent user-friendly
- Provides resources for students to self-monitor their own progress and motivates them to stay actively engaged

Procedural Support for Teachers:

- Encourages educators to utilize various resources available in the program to enhance learning
- Inclusion of key materials such as handouts, worksheets for students and teachers, and other instructional tools needed to meet the specified learning objectives.
- Provides several professional development opportunities for teachers to effectively implement the program.

Assessments:

- Materials incorporate student assessments (like homework, observation checklists, project-based tasks, tests, and quizzes) to demonstrate proficiency; strategies for assessing prior mathematical knowledge and vocabulary; methods for identifying common errors and misconceptions
- Varied assessments across different knowledge levels
- Editable formative and summative assessments for teachers
- Item Bank provided so teachers can create and customize their own assessments
- Ongoing review and practice opportunities with feedback given to students

Organization:

- Organization of the materials should include essential questions to highlight key concepts, relevant illustrations and graphs, vocabulary, clear learning objectives and stated standards, and a comprehensive and user-friendly teacher's edition.

Accessibility:

- Text is unbiased and considerate of various individual and cultural differences, including language proficiency. It ensures inclusivity by accommodating these differences effectively.

Technology:

- User-friendly and easily accessible
- Enhances instruction and assessment
- Supports teachers in developing their expertise
- Integrates engaging technology like interactive tools and virtual manipulatives, and includes resources for communication, differentiation, and assessment of student understanding, all while providing guidance for effective use of technology and maintaining an accessible, user-friendly online platform.

SUSD Math Textbook Adoption Evaluation Rubric

Number of Reviewer:

Name of Curriculum Materials:

Rubric for answering questions about Overarching Considerations:

<ul style="list-style-type: none"> ● 0 points - Not Found The curriculum materials do not support this element. 	<ul style="list-style-type: none"> ● 1 point - Low The curriculum materials contain limited support for this element; the support is not embedded or consistently present within resource(s). 	<ul style="list-style-type: none"> ● 2 points - Medium The curriculum materials contain support for this element, but it is not always embedded or consistently present within resource(s). 	<ul style="list-style-type: none"> ● 3 points - High The curriculum materials contain embedded support for this element so that it is consistently present within resource(s).
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Alignment: To what extent do the materials ...	0, 1, 2, 3	Comments
1. Provide alignment to the Arizona State Math Standards?		
2. Utilize the Standards for Mathematical Practices within each lesson?		
3. Align to the College Board AP Statistics scope and sequence?		
Overall score for Alignment	_ / 9	

Differentiation: To what extent do the materials...	0, 1, 2, 3	Comments
4. Provide teachers with strategies for meeting the needs of a range of learners?		
5. Provide instructional support to help teachers sequence or scaffold lessons so that students move from what they know to what they need to know?		
6. Provide opportunities and resources for struggling students to review materials and remediate content not yet mastered (Tier 2 support)?		
7. Provide opportunities for advanced students to investigate content at greater depth?		
Overall score for Alignment	_ / 12	

Student Resources - To what extent do the materials...	0, 1, 2, 3	Comments
8. Support the development of students' proficiency with procedural skills and practice of mathematical fluency?		
9. Include student activities that spiral big ideas within and across units in a logical way that supports understanding/procedural skills?		
10. Provide opportunities to spend sufficient time with application problems within lessons?		
Overall score for Alignment	__ / 9	

Teacher Resources - To what extent do the materials...	0, 1, 2, 3	Comments
11. Include essential learning materials, handouts, student and teacher text, and other instructional tools necessary to achieve the provided or indicated learning objectives?		
12. Offer multiple Professional Development opportunities for teachers when implementing this program?		
Overall score for Alignment	__ / 6	

Assessment: To what extent do the materials ...	0, 1, 2, 3	Comments
13. Include accompanying assessments of student learning (such as homework, observation checklists, project-based learning, extended tasks, tests, and quizzes) that provide evidence regarding students' proficiency?		
14. Provide strategies and resources for gathering information about students' prior knowledge of mathematical background and vocabulary?		
15. Provide strategies for teachers to identify common student errors and misconceptions?		
16. Assess students at a variety of knowledge levels (e.g., memorization, understanding, reasoning, problem-solving)?		
17. Provide customizable assessments for teacher use?		
18. Provide an item bank for teachers to choose from to edit and create tests?		
19. Provide opportunities for ongoing review and practice with feedback related to learning concepts and skills?		
Overall score for Alignment	__ / 21	

Organization: To what extent do the materials...	0, 1, 2, 3	Comments
20. Include Essential Questions in the chapter or lesson to guide students in recognizing "big ideas"?		
21. Contain illustrations, graphs, charts, and/or demonstrations that are current, correlated, and accurate and are presented in a variety of formats?		
22. Include learning objectives in chapters or lessons to guide students in recognizing what they should be able to demonstrate?		
23. Include a well-organized easy to use and comprehensive teacher's edition?		
Overall score for Alignment	__ / 12	

Accessibility:	0, 1, 2, 3	Comments
24. The text is free from bias (e.g. gender, cultural).		
25. The text provides accommodations for individual and cultural differences.		
26. The text provides accommodations for differences in language proficiency.		
Overall score for Alignment	__ / 9	

Technology: To what extent do digital materials...	0, 1, 2, 3	Comments
27. Provide content that enhances instruction and assessment?		
28. Provide content support for teachers to further develop expertise?		
29. Integrate technology such as interactive tools, virtual manipulatives/objects, and software that engages students?		
30. Include technology and/or artificial intelligence resources to assist and provide instant feedback to students to support their learning?		
31. Include opportunities to assess student content understandings and knowledge of procedural skills using technology?		
32. Include or reference technology that provides teachers additional materials to differentiate instruction for students?		
33. Include teacher guidance for the mindful use of embedded technology to support and enhance student learning?		
34. Include an online platform that is easy to access and accessible ?		
35. Includes gamification opportunities to motivate student learning?		
36. Synchronizes with Google Classroom and/or IXL?		
Overall score for Alignment	__ / 30	

References:	0, 1, 2, 3	Comments
37. Customer service is reliable and questions, feedback, and assistance can be made frequently and in a timely and appropriate manner.		
38. As technology continues to advance the vendor will maintain updates to the platform and communicate changes within the resource.		
Overall score for Alignment	__ / 6	

Final Score Totals for Resource	Score	Additional Comments
Overall score for Alignment	__ / 9	
Overall score for Differentiation	__ / 12	
Overall score for Student Resources	__ / 9	
Overall score for Teacher Resources	__ / 6	
Overall score for Assessment	__ / 21	
Overall score for Organization	__ / 12	
Overall score for Accessibility	__ / 9	
Overall score for Technology	__ / 30	
Overall score for References	__ / 6	
Grand Total	__ / 114	