

MATHEMATICS TEXTBOOK MATERIALS REVIEW 2020-21

(Final list as of February 3, 2021, 4:15 pm)

Strong	3.50 – 4.00 (Approved by State Board of Education)
Moderate	2.50 – 3.49 (Approved by State Board of Education)
Weak	0.00 – 2.49 (Rejected by State Board of Education)

Grade Level/Subject Area	Textbook Title/Series	Publisher	COS Alignment	Math Practice Standards	Supplemental Only	Textbook Committee Comments	Usability & Coherence of Digital Content	Rigor & Usability of Written Content	Overall Review Score
Elementary (K-5)	Big Ideas	Big Ideas Learning	3.00	3.00	No	This resource is teacher heavy in the sense that models are explicitly taught and every lesson moves to abstract/ computation practice a little too quickly. While the standards are present and accounted for, the DOK of the work for students is not deep. Unfortunately, some of the critical grades, there are strategies that do not hold on to place value and properties of operations, offering developmentally inappropriate strategies.	2.50	2.25	2.69
	Accelerate Learning	STEMscopes	3.20	2.75	No	This curriculum seems to be intended as a full curriculum, but it appears to be more of a supplemental investigative problem-solving support. It does connect to ACOS standards but doesn't align with the major work of the grades (time spent on more important standards). There is a printable option for teachers but this material doesn't come as a print resource. The lessons provided are rich but unfortunately the organization of the lessons are not user friendly and would require deep training and lengthy planning.	1.75	2.75	2.61

	Alabama Ready Classroom Mathematics	Curriculum Associates	3.50	3.30	No	This product connects and includes the iReady product a lot of Alabama schools are currently using to meet Literacy Act standards. This product takes time to learn and adjust so PD will likely be required upon implementation.	3.50	2.63	3.23
	Eureka	Great Minds	3.50	3.20	No	Although this product does have some rich tasks, this is a teacher heavy product that directs students in specific models per grade level and uses procedural aspects of teaching strategy. The digital components are lacking as they are mostly PDF's that you cannot interact with. There was only a small amount of PD provided for this product.	2.00	2.63	2.83
	Alabama Into Math	Houghton Mifflin-Harcourt	3.00	3.00	No (also has a supplement)	The differentiation component is strong however, this does use a more procedural approach. The standards are broken down for teachers and I can statements are provided for students but the depth of knowledge leaves something to be desired. There is a test prep book for support, but it is not digital.	3.00	2.00	2.75
	Jump Math	**Jump Math (see note below)	3.40	3.50	No	There is little to no differentiation in this product. It does teach the standards, but not in a way that reflects the rigor intended in the Alabama state course of study.	1.00	1.25	2.29
	My Math	McGraw – Hill	3.40	3.50	No (also has a supplement)	This company provides an intervention component and extension but that is a separate purchase. The curriculum provides a nice structure for the math block but it very procedure heavy and not student centered.	2.25	1.50	2.66
	Stepping Stones 2.0	ORIGO Education	3.00	3.00	No	This is not a rich product. It does address standards and mathematical practice standards but not in a deep way. This curriculum does use manipulatives and a reading connection but this product does not meet the alignment of the ACOS.	1.50	1.00	2.13
	Envision	Savvas	3.70	4.00	No	This product is a strong product with deep mathematical problem solving embedded throughout. The content on the digital resource is strong too. Teachers can use the books or the online resource and access the tools needed to use the books in PDF versions too. Distance learning is supported through their online portal and there is built in formative assessment.	3.50	3.50	3.68
	Investigation 3	Savvas	3.60	3.40	No	This resource is not very compatible to the Alabama course of study in terms of clarity of standards. Also, is program would not be easy for newer teachers to connect with. The task and depth of learning with what is here is a	3.25	2.50	3.19

						great beginning to teaching the standards but there is not always a rich follow up.			
	School Specialty	Coach	2.00	1.00	Yes...may be used as a supplement only	This is a supplemental resource. It is very procedure heavy. This resource is a test prep connection.	1.50	1.25	1.44
	Explore K-8	Gizmos and Reflex Math	3.00	1.50	Yes	Good digital resource for supplementing grades 3-8 using simulations and makes a math and science connection. Supports fluency and intervention components.	3.00	2.5	2.50
	Kendall Hunt	Project M2	2.25	3.00	Yes...may be used as a supplement only	This is a gifted/enrichment Math supplement for grades K and 1. This uses problem solving with standards from grades K-2 to enrich the primary grades. Focus is on geometry, measurement and number.	2.00	2.75	2.50
Middle (6th – 8th)									
6th Grade	Alabama Ready Classroom Mathematics	Curriculum Associates	2.60	3.87	No	Good resources, still needs a lot of technical improvement in order for it to be used in the classroom effectively.	3.50	3.13	3.28
6th Grade	Reveal Math	McGraw Hill	2.90	4.00	No	Good resources. Teachers may need to supplement; online platform is positive	3.75	3.38	3.51
6th Grade	Connected Mathematics 3	Savvas	3.07	4.00	No	Good resource, not enough practice for mastery, not enough time in a classroom to cover the manner in which the lessons have been written	2.25	3.25	3.14
6th Grade	**Jump Math (see note below)	Jump Math	2.50	3.00	No	Weak resource for our standards, teachers will need to supplement quite a lot	2.50	2.88	2.72
6th Grade	Great Minds	Eureka Math	2.46	3.00	No	Innovative resource, can get for free from engageNY, very scripted, lengthy lessons	3.00	2.75	2.80
6th Grade	Al Into Math	Houghton Mifflin	3.39	4.00	No	Great resource, fits the needs of the new standards, great online platform, lots of resources for tiered learning	4.00	4.00	3.85
6th Grade	Envision Math	Savvas	3.80	4.00	No	Lots of resources, teachers would not have to supplement much, digital format was difficult to review	4.00	4.00	3.95
6th Grade	Big Ideas	Big Ideas	3.35	3.00	No	Great resource, fits the needs of the new standards	2.00	3.25	2.95
6th Grade	Stepping Stones	Origo Education	1.00	0.13	No	Does not meet standards as needed	1.63	1.50	1.07
6th Grade	Middle School Math Solutions	Carnegie	3.92	4.00	No	Great resource, fits the needs of the new standards, great online platform, lots of resources for tiered learning	3.63	3.75	3.83
6th Grade	Illustrative Math	Kendall Hunt	3.93	4.00	No	Great resource, while aligned with a correlation chart, having to realign each lesson from the chart would be cumbersome	2.38	3.25	3.39

6 th Grade	Open Up Resources	Open Up Resources	1.00	4.00	No	Not aligned or correlated with the AL 2019 COS	2.63	2.25	2.47
6 th Grade	Illustrative Math	McGraw Hill	3.93	4.00	No (also has a supplement)	Great resource, while aligned with a correlation chart, having to realign each lesson from the chart would be cumbersome	2.38	3.25	3.39
6 th Grade	Success Coach, Performance Coach	School Specialty	3.00	4.00	Yes...may be used as a supplement only	Designed and presented as a great supplemental resource for diagnosing skill gaps, questions are presented with DOK labels for teacher, assists with differentiation for struggling learners, great supplemental for remediation	2.38	2.50	2.97
6 th Grade	Reflex/Gizmos	Explore Learning	2.50	2.50	Yes...may be used as a supplement only	Designed and presented as a great supplemental resource to assist in helping students to increase basic fluency skills, great supplemental for remediation	2.63	2.88	2.63
7 th Grade	Big Ideas Learning	Big Ideas	3.63	3.37	No	Great resource, fits the needs of the standards	3.75	3.75	3.61
7 th Grade Accelerated	Big Ideas Learning	Big Ideas	3.90	4.00	No	Great resource, fits the needs of the new standards, digital format was extremely user friendly for S and T, locate of concepts was convenient for S and T, full of practice	3.50	3.75	3.79
7 th Grade	Alabama Read Classroom Mathematics	Curriculum Associates	4.00	4.00	No	Good resource, still needs a lot of technical improvement in order for it to be used in the classroom	3.50	3.75	3.81
7 th Grade	Reveal Math	McGraw	3.63	3.87	No	Good resource, teachers may need to supplement, online platform is positive	3.50	4.00	3.75
7 th Grade	Envision Math	Savvas	3.86	4.00	No	Lots of resources, teachers would not have to supplement much, digital format was difficult to review	4.00	4.00	3.97
7 th Grade Accelerated	Envision Math	Savvas	3.02	4.00	No	Lots of resources, teachers would not have to supplement much, digital format was difficult to review	3.75	3.50	3.57
7 th Grade	Middle School Math Solutions	Carnegie	3.31	4.00	No	Great consumable resource, well aligned	3.25	2.00	3.14
7 th Grade	Al Into Math	Houghton Mifflin	2.13	3.75	No	Great resource, fits the needs of the new standards, great online platform, lots of resources for tiered learning	3.75	3.00	3.16
7 th Grade	**Jump Math (see note below)	Jump Math	1.80	3.75	No	Weak resource for our standards, teachers will need to supplement quite a lot	2.75	2.50	2.70
7 th Grade	Eureka Math	Great Minds	2.00	2.50	No	Innovative resource, can get for free from engageNY, very scripted, lengthy lessons	2.20	2.38	2.35
7 th Grade	Reflex/Gizmos	Explore Learning	2.50	2.50	Yes...may be used as a supplement only	Designed and presented as a great supplemental resource to assist in helping students to increase basic fluency skills, great supplemental for remediation	2.63	2.88	2.63
7 th Grade	School Specialty	Performance Coach	3.00	4.00	Yes...may be used as a	Designed and presented as a great supplemental resource for diagnosing skill gaps, questions are	2.38	2.50	2.97

					supplement only	presented with DOK labels for teacher, assists with differentiation for struggling learners, great supplemental for remediation			
7th Grade	School Specialty	Practice Coach Plus	2.36	2.26	Yes...may be used as a supplement only	Designed and presented as a great supplemental resource for diagnosing skill gaps, questions are presented with DOK labels for teacher, assists with differentiation for struggling learners, great supplemental for remediation	2.50	2.97	2.53
7th Grade	Connected Mathematics	Savvas	2.00	4.00	No	Good resource, not enough practice for mastery, not enough time in a classroom to cover the manner in which the lessons have been written	2.00	3.13	2.78
7th Grade	Illustrative Math	Kendall Hunt	3.04	4.00	No	Although presented as a comprehensive program, for Alabama COS alignment the resources reviewed were considered supplemental and not a program to support a full curriculum. This is a great supplemental resource. It is a free online resource with the option to purchase additional material.	2.50	3.00	3.14
7th Grade	Open Up Resource	Open Up Resources Math	3.18	3.00	No	Open Up Resources does not provide any correlation to the AL Course Of Study; therefore, it should not be considered. Open Up Resources 6-8 Math is an Open Education Resource and the materials are free with a school email address. Open Up Resources currently does not use the 2019 AL COS.	2.00	1.50	2.42
7th Grade	Illustrative Math	McGraw Hill	3.34	4.00	No (also has a supplement)	Although presented as a comprehensive program, for Alabama COS alignment the resources reviewed were considered supplemental and not a program to support a full curriculum. Illustrative Mathematics is the same free content for LearnZillion, McGrawHill, and Kendall Hunt. This feels like a great supplemental resource to mentor young mathematicians, particularly gifted students. Lessons are aligned to CCRS and support Alabama standards.	3.25	3.25	3.46
8th Grade	Houghton Mifflin	Alabama Into Math	3.80	3.37	No	Great resource, fits the needs of the new standards, great online platform, lots of resources for tiered learning	4.00	3.25	3.61
8th Grade	Reveal Math Course	McGraw Hill	3.86	4.00	No	Good resource, teachers may need to supplement, online platform is positive	4.00	4.00	3.97
8th Grade	Big Ideas Learning	Big Ideas	4.00	4.00	No	Great resource, fits the needs of the new standards	4.00	4.00	4.00
8th Grade Accelerated	Big Ideas Learning	Big Ideas	4.00	4.00	No	Great resources, fits the needs of the new standards	3.50	3.75	3.81
8th Grade	Eureka Math	Great Minds	1.93	3.00	No	Innovative resource, can get for free from engageNY, very scripted, lengthy lessons	1.00	1.25	1.80

8 th Grade	Envision Math	Savvas	2.60	4.00	No	Lots of resources, teachers would not have to supplement much, digital format was difficult to review	2.50	2.00	2.78
8 th Grade	**Jump Math (see note below)	Jump Math	3.00	3.00	No	Weak resources for our standards, teachers will need to supplement quite a lot	1.25	1.75	2.25
8 th Grade	Alabama Ready Classroom Math	Curriculum Associates	3.53	4.00	No	Good resource, still needs a lot of technical improve	4.00	4.00	3.88
8 th Grade	Illustrative Math	Kendall Hunt	2.00	4.00	No	Although presented as a comprehensive program, for Alabama COS alignment the resources reviewed were considered supplemental and not a program to support a full curriculum. This is a great supplemental resource. It is a free online resource with the option to purchase additional material. Illustrative Mathematics is the same free content for LearnZillion, McGrawHill, and Kendall Hunt. This feels like a great supplemental resource to mentor young mathematicians, particularly gifted students. Lessons are aligned to CCRS and support Alabama standards.	2.38	3.25	2.91
8 th Grade	Middle School Math Solutions	Carnegie	3.00	4.00	No	This curriculum has an online platform where teachers can access all materials. There are also customizable assessments, which are linked to the Edulastic test bank. Students have an intuitive MATHia program for 1 to 1 coaching. Great resource, fits the needs of the new standards, great online platform, lots of resources for tiered learning	2.75	2.75	3.13
8 th Grade	Connected Math	Savvas	2.00	4.00	No	Good resource, not enough practice for mastery, not enough time in a classroom to cover the manner in which the lessons have been written	2.00	3.13	2.78
8 th Grade	Open Up Resources	Open Up Resources	2.00	3.50	No	Open Up Resources does not provide any correlation to the AL Course of Study; therefore, it should not be considered. Open Up Resources 6-8 Math is an Open Education Resource and the materials are free with a school email address. Open Up Resources currently does not use the 2019 AL COS.	2.25	1.88	2.41
8 th Grade	Illustrative Math	McGraw	2.00	4.00	No (also has a supplement)	Although presented as a comprehensive program, for Alabama COS alignment the resources reviewed were considered supplemental and not a program to support a full curriculum. Illustrative Mathematics is the same free content for LearnZillion, McGrawHill, and Kendall Hunt. This feels like a great supplemental resource to mentor young mathematicians, particularly gifted students.	2.38	3.25	2.91

						Lessons are aligned to CCRS and support Alabama standards.			
8th Grade	Success Coach/Performance Coach	School Specialty	3.00	4.00	Yes...may be used as a supplement only	Designed and presented as a great supplemental resource for diagnosing skill gaps, questions are presented with DOK labels for teacher, assists with differentiation for struggling learners, great supplemental for remediation	2.38	2.50	2.97
8th Grade	Gizmos/Reflex	Explore Learning	2.50	2.50	Yes...may be used as a supplement only	Designed and presented as a great supplemental resource to assist in helping students to increase basic fluency skills, great supplemental for remediation	2.63	2.88	2.63
High School (9th – 12th)									
Algebra I	Envision AI: Algebra I	Savvas	3.80	3.50	No	2.44% of COS standards are weakly covered or not covered at all in this textbook. Great book and digital resources. Digital resources even imbed Desmos as well as additional practice via MathXL for School. Recommended that LEAs purchase bundle for students that includes textbook and 6-year digital courseware license. Additional bundle available that includes text, digital resources, and workbook choice.	4.00	3.75	3.76
Algebra I	High School Math Solution: Algebra I	Carnegie Learning	3.54	2.75	No	4.88% of COS standards are weakly covered or not covered at all in this textbook. There is consistency in each lesson with learning goals, activities, assignments, and academic glossaries. Videos can be scanned for information and review. The software is thorough and aligned well with the modules and family guides are at the beginning of each topic. Parent Webinars offer support for students learning at home. Mathia provides a reporting component to track student and class progress,	3.50	3.25	3.26
Algebra I	Algebra I with Probability	Big Ideas	2.74	3.38	No	26.83% of COS standards are weakly covered or not covered at all in this textbook. <u>Notes on Digital Content:</u> No parental resources are included. Assignments are included throughout, but the assignments are not tiered. Content is consistent in its language/vocabulary usage, and provides a clear path for students to complete tasks. <u>Notes on Written Content:</u> Academic vocabulary is present throughout. The level of rigor fluctuates and is not often indicated in specific sections or tasks. The content is	2.75	3.50	3.09

						generally aligned to the AL COS standards, however it often falls short despite the text's claims to the contrary. This is particularly true with the statistical content standards. <u>Overall Strengths:</u> Digital components are included and appear to be closely aligned with the text. The text offers a variety of supplemental resources in print that include resources for each chapter and Alabama assessment prep book. <u>Overall Weaknesses:</u> The text does not do a good job of incorporating statistical based tasks and content. The text needs to offer more content that focuses on review and retention of skills/content that was covered in previous chapters.			
Algebra I	Gizmos	Exploring Learning	2.40	2.13	Yes...may be used as a supplement only	Please note: This is a supplemental resource ONLY. It correlates to standards beginning in Grade 3 Math and extending through Algebra 2. It is not intended to be used as a primary resource. Link to correlation document, with links to which Gizmos were reviewed for each Standard: https://blog.explorelearning.com/wp-content/uploads/2020/03/ExploreLearning-Gizmos-AL-Math-Correlations-2020.pdf 26.83% of Algebra 1 standards are covered moderately or strongly by this supplement. However, this is a phenomenal resource that should definitely be considered, particularly to aid with virtual instruction.	3.50	3.00	2.76
Algebra II	Big Ideas Math	Big Ideas Learning	3.47	4.00	No	10.53% of COS standards are weakly covered or not covered at all in this textbook. STEM videos for each chapter include real world examples that would appeal to most students. Probability apps would be nice for virtual students to complete statistics simulations.	3.50	3.50	3.62
Algebra II	High School Math	Carnegie Learning	3.11	3.63	No	31.58% of COS standards are weakly covered or not covered at all in this textbook. The digital platform (Mathia) is hard to navigate. Also, students must progress through the modules in order, and a module cannot be unlocked unless the student has done the previous module. This is frustrating for students who want to review a specific topic. The software does have hints and videos. Digital content can be purchased as a bundle with traditional textbook if desired, or purchased separately. The textbook aligns with about 66% of the ACOS standards. The text is missing law	2.25	2.50	2.87

						of sines/cosines, does not discuss sample biases, it uses on simple polynomials for modeling situations, and it does give practice solving trig, radical or exponential equations. The text also does not do an adequate job of making connections between topics. The strengths of the text are that it has many writing exercises where students are expected to share their reasoning, it represents functions graphically, numerically, and algebraically, and does a good job of representing key features of a function.			
Algebra II	Gizmos	Explore Learning	2.97	2.75	Yes...may be used as a supplement only	Please note: This is a supplemental resource ONLY. It correlates to standards beginning in Grade 3 Math and extending through Algebra 2. It is not intended to be used as a primary resource. Link to correlation document, with links to which Gizmos were reviewed for each Standard: https://blog.explorelearning.com/wp-content/uploads/2020/03/ExploreLearning-Gizmos-AL-Math-Correlations-2020.pdf . 71.06% of Algebra 2 standards are moderately or strongly covered by this supplement. This is a good supplementary tool for inquiry-based learning. The only drawback is that not every objective is covered.	3.50	3.00	3.06
Algebra II	Envision AL: Algebra	Savvas	3.76	4.00	No	7.89% of COS standards are weakly covered or not covered at all in this textbook. Great book and digital resources. Digital resources even imbed Desmos as well as additional practice via MathXL for School. Recommended that LEAs purchase bundle for students that includes textbook and 6-year digital courseware license. Additional bundle available that includes text, digital resources, and workbook choice.	4.00	3.75	3.88
Geometry	High School Math Solution: Geometry	Carnegie Learning	3.63	3.62	No	2.63% of COS standards are weakly covered or not covered at all in this textbook. There is strength in the text organization with one assignment per lesson, and the opportunity for students to think, reason and communicate. An academic glossary is in the text and software. Differential strategies benefit the full range of learners, and a full range of assessments measure each topic. Connections to prior learning and future learning are interconnected concepts.	3.50	3.25	3.50

<p>Geometry</p>	<p>Big Ideas Math: Geometry: Geometry with Data Analysis student edition Alabama</p>	<p>Big Ideas Learning</p>	<p>3.07</p>	<p>3.63</p>	<p>No</p>	<p>18.42% of COS standards are weakly covered or not covered at all in this textbook. <u>Notes on Digital Content:</u> No parental resources are included. Assignments are included throughout, but the assignments are not tiered. Content is consistent in its language/vocabulary usage, and provides a clear path for students to complete tasks. <u>Notes on Written Content:</u> Academic vocabulary is present throughout. The level of rigor fluctuates and is not often indicated in specific sections or tasks. The content is generally aligned to the AL COS standards, however it often falls short despite the text's claims to the contrary. This is particularly true with the statistical content standards. <u>Overall Strengths:</u> Digital components are included and appear to be closely aligned with the text. The text offers a variety of supplemental resources in print that include resources for each chapter and Alabama assessment prep book. <u>Overall Weaknesses:</u> The text does not do a good job of incorporating statistical based tasks and content. The text needs to offer more content that focuses on review and retention of skills/content that was covered in previous chapters.</p>	<p>2.75</p>	<p>3.50</p>	<p>3.24</p>
<p>Geometry</p>	<p>Envision AGA AI: Geometry Student Edition & Digital Courseware 6 Year License</p>	<p>Savvas</p>	<p>3.34</p>	<p>3.63</p>	<p>No (if selected need to also purchase AL supplement)</p>	<p>This textbook should only be considered if the AL supplement resource is considered as well. Without this additional resource, this book only achieves a "weak" rating. 26.32% of COS standards are weakly covered or not covered at all in the combination of the textbook and AL supplement resource. The Savvas Realize online resource is fantastic for teachers building assignments and is very accessible for students. I have actually seen several teachers in other parts of the country using it this year in distance learning in other subjects. Also, the additional Alabama COS resource makes for a great match for our new COS to make sure that mathematical practice standards and specific mathematics standards are covered.</p>	<p>3.25</p>	<p>3.50</p>	<p>3.43</p>

Geometry	Gizmos	Explore Learning	2.46	2.13	Yes...may be used as a supplement only	<p>Please note: This is a supplemental resource ONLY. It correlates to standards beginning in Grade 3 Math and extending through Algebra 2. It is not intended to be used as a primary resource.</p> <p>Link to correlation document, with links to which Gizmos were reviewed for each Standard: https://blog.explorelearning.com/wp-content/uploads/2020/03/ExploreLearning-Gizmos_AL-Math-Correlations_2020.pdf</p> <p>47.37% of Geometry standards are covered moderately or strongly by this supplement. Gizmos is an amazing tool as a supplement to a print textbook. There are no print options, only electronic resources that are student friendly and can be powerfully used to connect important mathematical ideas through the Alabama COS, while enforcing the mathematical practice standards. In a remote learning environment, these could be powerful synchronous and asynchronous learning experiences that I would use and highly recommend. However, it is no replacement for a traditional print/online textbook.</p>	2.50	3.00	2.52
Finite Mathematics	Thinking Mathematically	Savvas	2.37	3.50	No	<p>This text should not be rejected despite its rating since it is one of only 2 potential resources submitted for Finite Mathematics. 50.01% of COS standards are weakly covered or not covered at all in this textbook.</p>	3.50	3.50	3.22
Finite Mathematics	A Survey of Mathematics with Applications	Savvas	2.70	3.38	No	<p>This text should not be rejected despite its rating since it is one of only 2 potential resources submitted for Finite Mathematics. 43.75% of COS standards are weakly covered or not covered at all in this textbook.</p>	3.50	3.50	3.27
Math Modeling	N/A	N/A	N/A	N/A	N/A	No textbooks were submitted for this course	N/A	N/A	N/A
Precalculus	Precalculus: Graphical, Numerical, Algebra	Savvas	3.72	3.75	No	<p>5.4% of COS standards are weakly covered or not covered at all in this textbook. MyMathLab digital content is user-friendly and is used by many colleges in their intro level online math courses. Teachers may need to supplement some sections of the textbook to reach the higher levels of Bloom's/DOK. Recommended that LEAs purchase textbook and 6 year subscription to MyMathLab for School.</p>	4.00	3.25	3.68
Precalculus	Precalculus Wiley Plus	Houghton Mifflin Harcourt	3.51	3.75	No	<p>13.52% of COS standards are weakly covered or not covered at all in this textbook. Not</p>	3.50	3.75	3.63

						certain if the digital content of Wiley Plus is included with the cost of the hardcopy book, but it is included with the ePub. WileyPlus is a very user-friendly digital tool that has loads of practice problems for students. This textbook emphasizes graphing as a powerful learning tool. It also uses estimation to help students make sense of their answers. Throughout the text, we see evidence of physical, geometric and algebraic interpretations of the concepts. This book aligns with over 86% of ACOS standards. Weaknesses are that it leaves out or does not fully develop a few of the standards, such as developing parametric equations and composition of functions.			
Precalculus	Precalculus	Savvas	3.54	4.00	No	16.22% of COS standards are weakly covered or not covered at all in this textbook. MyMathLab digital content is user-friendly and is used by many colleges in their intro level online math courses. Worked examples in this book do a wonderful job of explaining steps and anticipating student questions/errors. Recommended that LEAs purchase textbook and 6-year subscription to MyMathLab for School.	4.00	3.75	3.82
Precalculus	Precalculus with Limits: A Graphing Approach	Cengage	3.61	3.75	No	10.81% of COS standards are weakly covered or not covered at all in this textbook. This book is very similar to the other Cengage book - PreCalculus with Limits: High School Edition. But it is missing many more of the ACOS standards. This textbook offers several 'second look' examples where students are asked to identify mistakes in sample problems. The book gives substantial practice problems, both with paper/pencil and using the calculator. This book aligns with over 89% of the ACOS standards. Teachers would need to supplement some material to cover all the standards. It is missing some special trig identities, and does not use limits to get the instantaneous rate of change. It is also missing most matrix operation. The book does a great job with finding zeros of polynomials and in its treatment of vectors. Teachers considering this excellent textbook would be better served by choosing the more complete High School Edition. It is not clear, but I believe the digital component for the course would be an additional cost. The digital component must be built out by the teacher. It does have sample assignments, but the students	2.75	3.50	3.40

						cannot access problems unless specifically assigned by the teacher.			
Precalculus	Precalculus with Limits: High School Edition	National Geographic Learning/Cengage	3.79	3.75	No	5.41% of COS standards are weakly covered or not covered at all in this textbook. This book is very similar to the other Cengage book - PreCalculus with Limits: a Graphing Approach. But it is geared more toward high school students and covers more of the ACOS standards. It has an appendix which includes some of the standards missing from the PreCalculus with Limits: a Graphing Approach. This textbook offers several 'second look' examples where students are asked to identify mistakes in sample problems. The book gives substantial practice problems, both with paper/pencil and using the calculator. This book aligns with over 94% of the ACOS standards. Teachers would need to supplement very little material to cover all the standards. It is missing some special trig identities, and does not use limits to get the instantaneous rate of change. The book does a great job with finding zeros of polynomials and in its treatment of vectors. It is not clear, but I believe the digital component for the course would be an additional cost. It does have sample assignments, but the students cannot access problems unless specifically assigned by the teacher.	2.75	3.75	3.51
Precalculus	Functions: Modeling Chane (HMH)	Wiley (HMH)	3.05	3.75	No	32.43% of COS standards are weakly covered or not covered at all in this textbook. This text has a section called Strengthen Your Understanding at the end of every chapter that encourages repeated reasoning and extending knowledge. The text does not fully develop complex numbers. It has a subtle and intuitive approach to limits and does a good job with using trig identities. The textbook aligns approximately 70% with ACOS standards. Teachers using this text will have to supplement material for complex numbers, conic sections, building functions, and matrix operations. I'm not certain if the digital content of Wiley Plus is included with the cost of the hardcopy book, but it is included with the ePub.	3.50	3.00	3.32

Precalculus	Precalculus: Enhanced with Graphing Utilities	Savvas	3.78	4.00	No	5.4% of COS standards are weakly covered or not covered at all in this textbook. MyMathLab digital content is user-friendly and is used by many colleges in their intro level online math courses. Worked examples in the textbook provide lots of opportunity for students to self-assess, but explanations are very wordy and may be intimidating for some students to tackle independently. Recommended that LEAs purchase textbook and 6 year subscription to MyMathLab for School.	4.00	3.50	3.82
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Disclaimer: Scores may vary based on supplemental only when compared to COS, etc. Any commentary represents collaborative work by the textbook review committee and should not attributed to any single person, the ALSDE, SBOE, etc.

Please Note: Although some material submitted by Jump Math was approved by the Alabama State Board of Education, the publisher was not able to complete the contract process for Alabama.