

Vendor: Big Ideas Learning

Title: Tennessee Math

You may watch the Textbook Commission appeals hearing here: <https://www.youtube.com/watch?v=lwoUx2W5bgY>. Big Ideas Learning begins at 50:36.

Grade Level/ Course	Instructional Focus	Reviewer Comments (Instructional Focus)	Mathematical Practices	Reviewer Comments (Mathematical Practices)	Accessibility Features	Reviewer Comments (Accessibility Features)
6	87%	<ul style="list-style-type: none"> <li>• Connections to prior grades content are identified at the start of each unit and connections are explained within teacher materials.</li> <li>• Teacher resources indicate common misconceptions or errors throughout materials and provide guidance on how to respond instructionally.</li> <li>• Materials use appropriate math vocabulary aligned to grade level standards.</li> <li>• While there are a limited number of examples of the curriculum providing instruction below or above the grade level standards, most of the instruction is carefully aligned and high quality. The examples of off-grade level instruction are reasonable and valuable, as is the case with multiplying fractions before dividing fractions, and not distracting.</li> <li>• The resource provides multiple models (area model, tape diagram, balance, 100 grid, etc.) within the printed text. Interactive tools to support exploration of multiple representations are available online. While the books did not come with a resource kit, a materials list is available for each chapter to help teachers collect the items they need.</li> </ul>	96%	<ul style="list-style-type: none"> <li>• Materials embed the eight math practice standards within every unit.</li> <li>• Materials use appropriate math vocabulary aligned to grade level standards.</li> <li>• Math practices are clearly identified at the beginning of the TE and SE and include a clear explanation and example. Math practices are listed at the beginning of each chapter in the TE with a reference to the page number on which they are taught.</li> <li>• Vocabulary is listed, referenced, and defined clearly in every lesson.</li> <li>• Students have many opportunities to engage in discussion and writing about their math thinking within each lesson.</li> <li>• Teacher materials list the standard covered in the lesson along with an explanation of the math practice and how it applies to the lesson.</li> </ul>	100%	<ul style="list-style-type: none"> <li>• Recommended supports for students are present in the materials.</li> <li>• Multiple supports are available for all learners.</li> <li>• Scaffolding resources are available in the TE as well as resources to support teacher craft.</li> </ul>
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Algebra 1	81%	<ul style="list-style-type: none"> <li>The beginning pages of each chapter offer "Coherence Through the Grades". This specifies standards students learned in previous grades, standards they will learn in the current chapter, and standards that are led into both within the current curriculum and future classes.</li> <li>Multiple tasks are provided in each chapter that require students to draw on prior knowledge and work with other students to learn and apply new learning.</li> <li>Misconceptions and guidance on how to address these are occasionally available in some of the "Laurie's Notes" found on nearly every page of the TE.</li> <li>Materials include a "review &amp; refresh" at the end of each practice/section.</li> </ul>	92%	<ul style="list-style-type: none"> <li>An example of each mathematical practice is specified at the beginning of each chapter, listing one problem within the chapter that covers each mathematical practice standard.</li> <li>At the beginning of each chapter in the TE and SE, a "Mathematical Practices" section is available that encourages Ss to work with a partner through a challenge exercise and discuss/explain their findings. Also, at the beginning of each lesson, in the "Explore It!" section, Ss are encouraged to work with a partner through a problem. A practice standard is tied to this problem.</li> <li>Appropriate vocabulary is used and referenced at the start of a unit/lesson.</li> <li>Materials give several teaching tips that might have a student explain to a partner, take "opposing views", using whiteboards, etc., to discuss/articulate their thoughts. There are several of these throughout the teacher manual.</li> </ul>	83%	<ul style="list-style-type: none"> <li>ELL support is available throughout the chapters and lessons in the TE. There is a PDF Spanish version available online. An online multilanguage glossary is available.</li> <li>Differentiation is available online for each lesson. Little differentiation is available within the printed text, but scaffolding instruction is provided at the beginning of each lesson to aid a teacher in moving groups of students forward in an appropriate manner. There is no specific material designated for Students with Disabilities, though it seems there is enough material and support provided for teachers to perform these tasks appropriately.</li> <li>ELL and SPED supports are embedded in the TE for every lesson, as well as enrichment and common misconception scaffolds.</li> </ul>
Geometry	81%	<ul style="list-style-type: none"> <li>The beginning pages of each chapter offer "Coherence Through the Grades". This specifies standards students learned in previous grades, standards they will learn in the current chapter, and standards that are led into both within the current curriculum and future classes.</li> <li>Multiple tasks are provided in each chapter that require</li> </ul>	92%	<ul style="list-style-type: none"> <li>An example of each mathematical practice is specified at the beginning of each chapter, listing one problem within the chapter that covers each mathematical practice standard.</li> <li>At the beginning of each chapter in the TE and SE, a "Mathematical Practices" section is available that encourages Ss to work with a partner through a challenge exercise and discuss/explain their findings. Also, at the beginning of each</li> </ul>	83%	<ul style="list-style-type: none"> <li>ELL support is available throughout the chapters and lessons in the TE. There is a PDF Spanish version available online. An online multilanguage glossary is available.</li> <li>Differentiation is available online for each lesson. Little differentiation is available within the printed text, but scaffolding instruction is provided at the beginning of each lesson to aid a teacher in moving groups of students forward in an appropriate manner. There is no specific material designated for Students with Disabilities, though it seems there is enough</li> </ul>

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Algebra 2	81%	<ul style="list-style-type: none"> <li>• The beginning pages of each chapter offer "Coherence Through the Grades". This specifies standards students learned in previous grades, standards they will learn in the current chapter, and standards that are led into both within the current curriculum and future classes.</li> <li>• Multiple tasks are provided in each chapter that require students to draw on prior knowledge and work with other students to learn and apply new learning.</li> <li>• Misconceptions and guidance on how to address these are occasionally available in some of the "Laurie's Notes" found on nearly every page of the TE.</li> <li>• Materials include a "review &amp; refresh" at the end of each practice/section.</li> </ul>	92%	<ul style="list-style-type: none"> <li>• An example of each mathematical practice is specified at the beginning of each chapter, listing one problem within the chapter that covers each mathematical practice standard.</li> <li>• At the beginning of each chapter in the TE and SE, a "Mathematical Practices" section is available that encourages Ss to work with a partner through a challenge exercise and discuss/explain their findings. Also, at the beginning of each lesson, in the "Explore It!" section, Ss are encouraged to work with a partner through a problem. A practice standard is tied to this problem.</li> <li>• Appropriate vocabulary is used and referenced at the start of a unit/lesson.</li> <li>• Materials give several teaching tips that might have a student explain to a partner, take "opposing views", using whiteboards, etc., to discuss/articulate their thoughts. There are several of these throughout the teacher manual.</li> </ul>	83%	<ul style="list-style-type: none"> <li>• ELL support is available throughout the chapters and lessons in the TE. There is a PDF Spanish version available online. An online multilanguage glossary is available.</li> <li>• Differentiation is available online for each lesson. Little differentiation is available within the printed text, but scaffolding instruction is provided at the beginning of each lesson to aid a teacher in moving groups of students forward in an appropriate manner. There is no specific material designated for Students with Disabilities, though it seems there is enough material and support provided for teachers to perform these tasks appropriately.</li> <li>• ELL and SPED supports are embedded in the TE for every lesson, as well as enrichment and common misconception scaffolds.</li> </ul>