

Vendor: McGraw-Hill

Title: Tennessee Science Grade K, Tennessee Science Grade 1, Tennessee Science Grade 2, Tennessee Science Grade 3, Tennessee Science Grade 4, Tennessee Science Grade 5

You may watch the Textbook Commission appeals hearing
here: tn.gov/content/dam/tn/education/textbook/Meeting_Recording_Textbook_Commission_Oct_2-2024.mp4 beginning at 37:43

Grade Level/ Course	Standards	Quality Structures	Reviewer Comments (Instructional Focus)	Reviewer Comments (Multiple Dimensions)	Reviewer Comments (Accessibility Features)
Tennessee Science Grade K	100%	91%	<ul style="list-style-type: none">□ Language added to the teacher guide specifically highlights the STEM project modules to help teachers navigate the materials more effectively and see the importance of using them.□ After initial investigations, students engage in readings focused on academic vocabulary, supported by before, during, and after reading strategies.□ Removing the student vocabulary from the student edition strengthens the idea that conceptual understanding should be built before introducing vocabulary.	<ul style="list-style-type: none">□ The CCCs and SEPs are highlighted in every lesson, even during reading activities.□ The teacher-facing questions are closely aligned with the lesson content, offering targeted guidance rather than general support.□ Increased teacher support before units encourage effective planning.	<ul style="list-style-type: none">□ All modules include a STEM project where students develop a plan with specific criteria and constraints, following the Engineering Design Process.□ Language specifically highlights connections between the STEM project modules and the lesson modules within the teacher guide.
Tennessee Science Grade 1	100%	80%	<ul style="list-style-type: none">□ The Explore inquiry activity provides opportunities to encounter scientific ideas before the vocabulary terms are formally introduced in the subsequent Explain phase.□ After completing the hands-on activity, students articulate their findings during the "explain" phase.□ The claim-evidence-reasoning task allows students to apply what they have learned from the phenomenon by writing an explanation.	<ul style="list-style-type: none">□ The Student Page includes a 3-D prompt for students to respond in which they connect the lesson's CCC to the DCI and SEP.□ The TE explains when the teacher should implement the Student Page for each lesson and provides sample student responses.	<ul style="list-style-type: none">□ no reviewer comments

Tennessee Science Grade 2	100%	83%	<input type="checkbox"/> no reviewer comments	<input type="checkbox"/> The TE and SE include a Student Page for every lesson. <input type="checkbox"/> The Student Page includes a 3-D prompt for students to respond in which they connect the lesson's CCC to the DCI and SEP. <ul style="list-style-type: none"> • The TE explains when the teacher should implement the Student Page for each lesson and provides sample student responses. • The TE includes a 3-D support page in the front of each Module to ensure they provide explicit support towards CCCs. 	<input type="checkbox"/> no reviewer comments
Tennessee Science Grade 3	100%	81%	<input type="checkbox"/> Each Module's front matter indicates two component ideas emerging in one or more lessons within the module, with one of them typically being an ETS standard due to the STEM Project. <input type="checkbox"/> The STEM Projects for each Module are more intentional in connecting and the prompts to revisit the STEM Project are evident in the SE and TE after each lesson, with a guiding question to help the student relate the lesson's learning target back to the STEM Project.	<input type="checkbox"/> The TE & SE include a Student Page for every lesson. The Student Page includes a 3-D prompt for students to respond in which they connect the lesson's CCC to the DCI and SEP. <input type="checkbox"/> Digital resources for each Module include a Learning Transfer Strategy Guide (SE & TE) which compiles and sequences all 3-D prompts & activities within the Module for easier access.	<input type="checkbox"/> no reviewer comments
Tennessee Science Grade 4	100%	80%	<input type="checkbox"/> The Modules follow a 5E format providing students with opportunities to encounter scientific ideas in the Explore phase before the vocabulary terms are formally introduced in the subsequent Explain phase.	<input type="checkbox"/> The TE & SE now include a Student Page for every lesson which includes a 3-D prompt for students to respond in which they connect the lesson's CCC to the DCI and/or SEP. <input type="checkbox"/> The TE explains when the teacher should implement the Student Page for each lesson and provides sample student	<input type="checkbox"/> no reviewer comments

Tennessee Science Grade 5	100%	81%	<input type="checkbox"/> Each Module's front matter indicates two component ideas emerging in one or more lessons within the module, with one of them typically being an ETS standard due to the STEM Project. <ul style="list-style-type: none"> The STEM Projects for each Module are more intentional in in connecting and the prompts to revisit the STEM Project are evident in the SE & TE. 	<input type="checkbox"/> The TE and SE include a Student Page for every lesson and Module. This Student Page includes a 3-D prompt for students to respond in which they apply a SEP, color-coded blue within the prompt for easier identification. The TE explains when the teacher should implement the Student Page for each lesson and provides sample student responses. Digital resources for each Module now also include a Learning Transfer Strategy Guide (SE & TE) which compiles and sequences all 3-D prompts & activities within the Module for easier access.	<input type="checkbox"/> no reviewer comments
------------------------------	------	-----	---	--	---

Vendor: McGraw-Hill



Tennessee Textbook and
Instructional Materials
Quality Commission

Title: Tennessee Science Grade 6; Tennessee Science Grade 7; Tennessee Science Grade 8

You may watch the Textbook Commission appeals hearing
here:tn.gov/content/dam/tn/education/textbook/Meeting_Recording_Textbook_Commission_Oct_2-2024.mp4 beginning at 37:43

Grade Level/ Course	Standards	Quality Structures	Reviewer Comments (Instructional Focus)	Reviewer Comments (Multiple Dimensions)	Reviewer Comments (Accessibility Features)
Tennessee Science Grade 6	100%	100%	all criteria met	all criteria met	all criteria met
Tennessee Science Grade 7	100%	93%	all criteria met	all criteria met	all criteria met
Tennessee Science Grade 8	100%	91%	all criteria met	all criteria met	all criteria met



Vendor: McGraw Hill

Title: Tennessee Science Biology; Welsh, Hole's Essentials of Anatomy and Physiology, 2021; Cunninham, Principles of Environmental Science, 2023; Tennessee Science Chemistry; Tennessee Science Physical Science; Tennessee Science Physics; Tennessee Science Earth and Space Science

You may watch the Textbook Commission appeals hearing

here:tn.gov/content/dam/tn/education/textbook/Meeting_Recording_Textbook_Commission_Oct_2-2024.mp4 beginning at 37:43

Grade Level/ Course	Standards	Quality Structures	Reviewer Comments (Instructional Focus)	Reviewer Comments (Multiple Dimensions)	Reviewer Comments (Accessibility Features)
Tennessee Science Biology	100%	86%	<input type="checkbox"/> Modules contain lessons and lessons utilize the 5E instructional model with reminders to have students, as they encounter terms of importance in understanding the content, to make a note in their science journal. <input type="checkbox"/> Units were found to describe connections across component ideas. <input type="checkbox"/> Units include a STEM project and therefore require students understanding of connections between science ideas from two or more disciplines (LS & STEM)	<input type="checkbox"/> Evidence was found in the Check Your Progress section that every unit assists students in making connections to the CCCs in one unit and other units.	<input type="checkbox"/> no reviewer comments
Welsh, Hole's Essentials of Anatomy and Physiology, 2021	100%	80%	all criteria met	all criteria met	all criteria met
Cunninham, Principles of Environmental Science, 2023	100%	80%	all criteria met	all criteria met	all criteria met

Tennessee Science Chemistry	100%	86%	all criteria met	all criteria met	all criteria met
Tennessee Science Physical Science	100%	88%	all criteria met	all criteria met	all criteria met
Tennessee Science Physics	100%	91%	all criteria met	all criteria met	all criteria met
Tennessee Science Earth and Space Science	100%	81%	all criteria met	all criteria met	all criteria met