

Course Overview	<p>Texas 5th Grade Science is a hands-on course where students explore how the natural world works through investigations, labs, modeling, data analysis, and scientific discussions. Students study matter, force and motion, energy, Earth systems, ecosystems, and living organisms while developing critical thinking and problem-solving skills aligned to the Texas Essential Knowledge and Skills (TEKS).</p> <p>As the final elementary science course before middle school, 5th Grade Science builds upon the strong foundation established in Grades 3 and 4 while preparing students for success in middle school science courses. Instruction is organized into recurring scientific strands that deepen conceptual understanding over time. Students engage in STAAR-aligned learning experiences and review supporting standards from previous grade levels to strengthen mastery and scientific reasoning skills.</p>
Course Standards	<u>5th Grade TEKS</u>
Instructional Materials	IDEA 5th Grade Science Curriculum is the approved curriculum. Educational technology resources such as Explore Learning Gizmos, PhET simulations, hands-on laboratory investigations, and teacher-created instructional materials are embedded into the core curriculum to support student learning and scientific inquiry.

Scope & Sequence

Units/Modules & Instructional Days	Assessments & Scanning Deadlines	Standards
Unit 0: Safety & Science Journal Set Up 5 instructional days + 1 assessment day	Unit Assessment: 8/25/26 Scanning Deadline: 8/27/26	Scientific safety procedures, science notebooks, lab expectations
Unit 1: Investigating Properties of Matter & Mixtures 17 instructional days + 1 assessment day	Unit Assessment: 9/21/26 Scanning Deadline: 9/23/26	TEKS: 5.6(A), 5.6(B), 5.6(C), 5.6(D), 3.6(C)
Unit 2: Investigating Force, Motion, & Energy 11 instructional days + 1 assessment day	Unit Assessment: 10/14/26 Scanning Deadline: 10/16/26	TEKS: 5.7(A), 5.7(B), 4.8(A), 3.7(A), 3.7(B)
Unit 3: Investigating Light, Electrical Energy & Circuits 13 instructional days + 1 assessment day	Unit Assessment: 11/4/26 Scanning Deadline: 11/6/26	TEKS: 5.8(A), 5.8(B), 5.8(C)
Unit 4: Investigating Earth's Resources, Sedimentary Rock & Fossil Fuels 12 instructional days + 1 assessment day	Unit Assessment: 11/20/26 Scanning Deadline: 12/1/26	TEKS: 4.11(A), 5.11(A), 5.10(B), 5.12(C)
Unit 5: Investigating Earth's Landforms & Rapid Changes 11 instructional days + 1 assessment day	Unit Assessment: 12/15/26 Scanning Deadline: 12/17/26	TEKS: 5.10(C), 4.10(B), 3.10(C)
STAAR Interim Assessment Window	October 12-April 2, 2027	STAAR-aligned cumulative assessment

Unit 6: Investigating Earth's Rotation & Patterns 8 instructional days + 1 assessment day	Unit Assessment: 1/20/27 Scanning Deadline: 1/22/27	TEKS: 5.9(A), 4.9(A), 4.9(B), 3.9(B)
Unit 7: Investigating Weather & Water Cycle 6 instructional days + 1 assessment day	Unit Assessment: 1/29/27 Scanning Deadline: 2/1/27	TEKS: 5.10(A), 4.10(A), 4.10(C)
Unit 8: Investigating Ecosystems, Changes & Fossils 12 instructional days + 1 assessment day	Unit Assessment: 2/19/27 Scanning Deadline: 2/23/27	TEKS: 5.12(A), 5.12(B), 4.12(B), 3.12(B), 3.12(D)
Unit 9: Adaptations & Structure Function 11 instructional days + 1 assessment day	Unit Assessment: 3/9/27 Scanning Deadline: 3/11/27	TEKS: 5.13(A), 5.13(B), 3.12(A)
STAAR Interim Assessment Window	October 12-April 2, 2027	STAAR-aligned cumulative assessment
Unit 10: Life Cycles 3 instructional days + 1 assessment day	Unit Assessment: 3/25/27 Scanning Deadline: 3/29/27	TEKS: 3.13(B)
STAAR Testing Window	April 12-23, 2027	State assessment administration

TEKS Alignment

Instruction in this course is aligned to the Texas Essential Knowledge and Skills (TEKS) as adopted by the State Board of Education and implemented in accordance with Texas Education Code Chapter 28.

Instructional Materials

Primary Texts- **McGraw-Hill student copy, teacher copy, and student and teacher digital Licenses.** (if applicable)

Supplemental instructional materials may be used to support instruction. Supplemental materials do not replace board-approved core instructional materials.

Additional information regarding instructional programs, assessments, and parent access to instructional materials is available on the district website.

Instructional Expectations

Student learning is monitored through formative and summative assessments aligned to course standards. Assessment results are used to inform instruction, intervention planning, and STAAR readiness throughout the school year.

Assessment Overview

Student learning is monitored through formative and summative assessments aligned to course standards. Assessment results are used to inform instruction, intervention planning, and STAAR readiness throughout the school year.