

Course Overview	Texas 7th grade science builds on prior learning as students investigate how energy, forces, Earth processes, and body systems work and interact through hands-on experiences and data analysis. Students deepen their ability to analyze patterns, use models, and construct explanations supported by evidence while strengthening critical thinking and problem-solving skills. This equips students to explain real-world phenomena and apply scientific thinking to make sense of changes in the natural world and their own bodies.
Course Standards	7th Grade TEKS
Instructional Materials	IDEA 7 th Grade Science Curriculum is the approved curriculum. Educational technology such as Explore Learning Gizmos and PhET simulations are embedded into the core curriculum. Texas McGraw Hill textbook is used as a supplemental resource.

Scope & Sequence

Units/Modules & Instructional Days	Assessments & Scanning Deadlines	Standards
Unit 1: Matter and Energy 32 days (45 min classes) 16 days (90 min classes)	TX_SCI_7thScience_F26_UE1 Scanning Deadline: 10/07/26	TEKS: 7.6(A), 7.6(B), 7.6(C), 7.6(D), 7.6(E), and 7.8(A), 7.8(B), and 7.8(C)
Unit 2: Force and Motion 30 days (45 min classes) 15 days (90 min classes)	TX_SCI_7thScience_F26_UE2 Scanning Deadline: 12/01/26	TEKS: 7.7(A), 7.7(B), 7.7(C), and 7.7(D)
Unit 3: Earth and Space 30 days (45 min classes) 15 days (90 min classes)	TX_SCI_7thScience_S27_UE3 Scanning Deadline: 1/29/27	TEKS: 7.9(A), 7.9(B), 7.9(C), 7.10(A), 7.10(B), 7.11(A), and 7.11(B)
Unit 4: Organisms and Environments 30 days (45 min classes) 15 days (90 min classes)	TX_SCI_7thScience_S27_UE4 Scanning Deadline: 3/25/27	TEKS: 7.12(A), 7.12(B), 7.13(C), 7.13(D), 7.14(A), and 7.14(B)
Unit 5: Human Systems 32 days (45 min classes) 16 days (90 min classes)	TX_SCI_7thScience_S27_UE5 Scanning Deadline: 5/7/27	TEKS: 7.13(A), and 7.13(B)
Final Exam: May 17-19, 2027		

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 (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

Instruction is delivered using board-approved instructional materials and aligned to the scope and sequence outlined above. Teachers are expected to ensure all required standards are taught within the course timeframe.

Assessment Overview

Student learning is monitored through formative and summative assessments aligned to course standards. Assessment results are used to inform instruction and student supports. Students participate in required state assessments when applicable.