

Course Overview	Amplify Science for first grade is a hands-on, engaging program that helps students think and act like real scientists and engineers. Through activities, reading, writing, and digital tools, students explore how plants and animals survive, design solutions using light and sound, and observe patterns in the sky. As they take on roles like aquarium scientists and sky scientists, they build important skills in problem-solving, communication, and critical thinking. This course matters because it helps young learners understand the world around them while developing confidence in asking questions and explaining their ideas.
Course Standards	First Grade Science TEKS (Texas Essential Knowledge and Skills)
Instructional Materials	Amplify Science

Scope & Sequence

Units & Instructional Days	Assessments & Scanning Deadlines	Standards
Unit 0: Welcome to Wonder 5 days	N/A	1.1.C, 1.1.D, 1.1.E, 1.1.F, 1.3.B, 1.3.C, 1.4.A, 1.4.B
Unit 1: Animal and Plant Defenses 44 days	TX_SCI_1stScience_F26_UE1 Scanning Deadline: November 6, 2026	1.6.A, 1.11.A, 1.11.B, 1.11.C, 1.12.A, 1.12.B, 1.12.C, 1.13.A, 1.13.B, 1.13.C 1.1.A, 1.1.B, 1.1.C, 1.1.D, 1.1.E, 1.1.F, 1.1.G, 1.2.A, 1.2.B, 1.2.C, 1.2.D, 1.3.A, 1.3.B, 1.3.C, 1.4.A, 1.4.B, 1.5.A, 1.5.B, 1.5.C, 1.5.E, 1.5.F, 1.5.G
Unit 2: Light and Sound 44 days	TX_SCI_1stScience_S27_UE2 Scanning Deadline: February 4, 2027	1.6.B, 1.8.A, 1.8.B 1.1.A, 1.1.B, 1.1.C, 1.1.D, 1.1.E, 1.1.F, 1.1.G, 1.2.B, 1.2.D, 1.3.A, 1.3.B, 1.3.C, 1.4.A, 1.4.B, 1.5.A, 1.5.B, 1.5.E, 1.5.G
Unit 3: Spinning Earth 44 days	TX_SCI_1stScience_S27_UE3 Scanning Deadline: April 20, 2027	1.9, 1.10.C, 1.10.D 1.1.A, 1.1.C, 1.1.D, 1.1.F, 1.1.G, 1.2.A, 1.2.B, 1.3.A, 1.3.B, 1.3.C, 1.4.B, 1.5.A, 1.5.D, 1.5.G
Unit 4: Natural Phenomena 10 days	N/A	1.6.A, 1.6.C, 1.7.A, 1.7.B, 1.10.A, 1.10.B 1.1.A, 1.1.B, 1.1.C, 1.1.D, 1.1.E, 1.1.F, 1.1.G, 1.2.A, 1.2.B, 1.2.C, 1.2.D, 1.3.A, 1.3.B, 1.3.C, 1.4.A, 1.4.B, 1.5.A, 1.5.B, 1.5.C, 1.5.D, 1.5.E, 1.5.F, 1.5.G
Final Exam: TBD		
	TX_SCI_1st Science_S27_FE Scanning Deadline: TBD	K.6, K.7, K.8.A, K.8.B, K.9.A, K.9.B, K.10.A, K.10.B, K.10.C, K.11, K.12.A, K.12.B, K.13.A, K.13.B, K.13.C, K.13.D 1.1.A, 1.1.B, 1.1.C, 1.1.D, 1.1.E, 1.1.F, 1.1.G, 1.2.A, 1.2.B, 1.2.C, 1.2.D, 1.3.A, 1.3.B, 1.3.C, 1.4.A, 1.4.B, 1.5.A, 1.5.B, 1.5.C, 1.5.D, 1.5.E, 1.5.F, 1.5.G

Primary Texts

Unit 0 Primary Texts

What is Science?, Rebecca Dotlich

What Does a Scientist Look Like?, Lizzy Vlasses and Ashley Chase

Unit 1 Primary Texts

Tortoise Parts, Ashley Chase

Whose Lunch Is This?, Kate Donaldson-Fletcher and Ashley Chase

Parents and Offspring, Ashley Chase, Phaela Peck and Helen Min

Frog Models, Andrew Falk and Chlöe Delafield

Spikes, Spines, and Shells, Chlöe Delafield

Unit 2 Primary Texts

Can You See in the Dark?, Carolyn Jaynes

Engineering with Light and Sound, Ashley Chase

Let's Test!, Ashley Chase and Chlöe Delafield

What Made This Shadow?, Chlöe Delafield

What Vibrates?, John Erickson

Unit 3 Primary Texts

After Sunset, John Erickson

A Walk Through the Seasons, Ashley Chase and Chlöe Delafield

Nighttime Investigation, Meredith Moran

Patterns of Earth and Space, John Erickson

Space Explorers, John Erickson and Ashley Chase

What Spins?, John Erickson

Unit 4 Primary Texts

N/A

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.