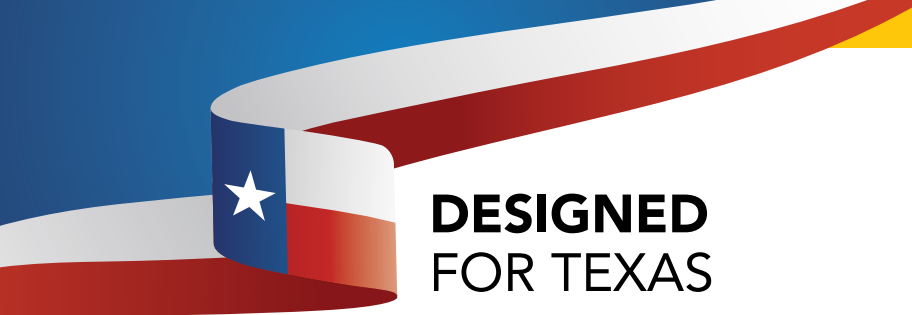




DESIGNED
FOR TEXAS

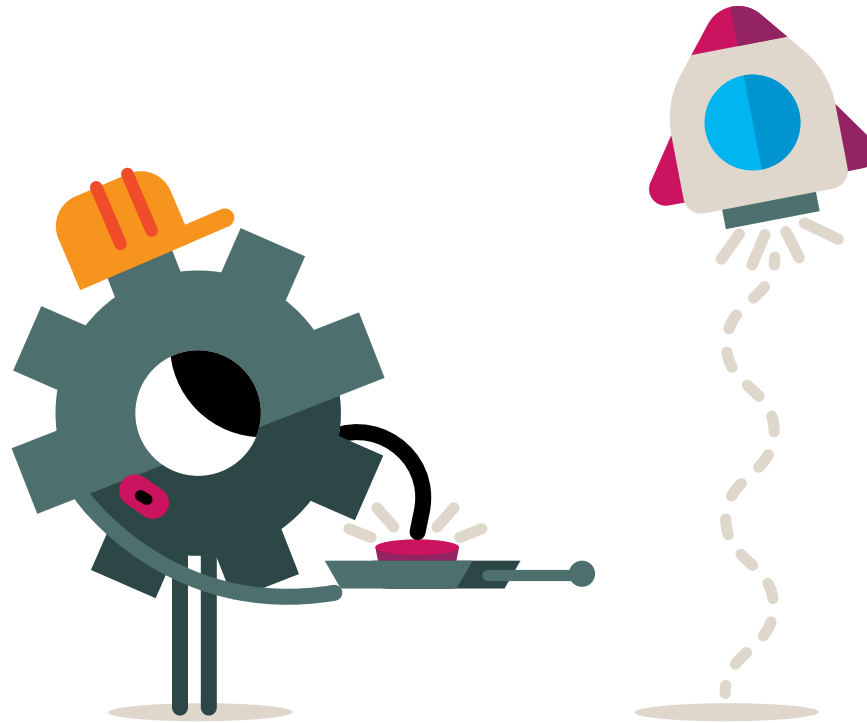
Course Planner and Pacing Guide

Each topic gives you the flexibility to focus on core assets that cover the TEKS by taking the Fast Track, or to pull in additional resources to create a more robust experience when you’ve Got More Time. Here you can see average durations in days. You can see durations in minutes in the Topic Planners, the Experience At-A-Glance pages, and the instructional pages of this guide.

FAST TRACK Use the activities with the check mark to fast-track your teaching.

GOT MORE TIME? Use the activities with a plus sign to personalize student learning.

	TOPIC 1 Matter			TOPIC 2 Force and Motion			TOPIC 3 Energy		
		✓	+		✓	+		✓	+
Overview	Students learn that matter has physical properties that can be measured, that matter is classified as a solid, liquid, or gas, and what causes changes in the state of matter.			Students learn that forces such as pushes, pulls, gravity, and magnetism can change objects’ position and motion and also learn the differences between contact and noncontact forces.			Students learn that energy is everywhere and can be observed in cycles, patterns, or systems.		
Anchoring Phenomena	How can you make ice cream in an instant?			How can a person complete an obstacle course?			How can you build a faster roller coaster?		
Topic Launch		0.5	1		0.5	1		0.5	1
Experiences	1 Properties of Matter	3	4	1 Forces	3	4	1 Energy in Our World	3	4
	2 Solids, Liquids, and Gases	3	4	2 Position and Motion	3	4	2 Mechanical Energy	3	4
	3 Combined Materials	3	4						
Topic Wrap-Up		0.5	1		0.5	1		0.5	1
TOTAL DAYS		10	14		7	10		7	10



TOPIC 4 Earth and Space			TOPIC 5 Patterns on Earth			TOPIC 6 Interactions in Ecosystems			TOPIC 7 Organisms		
✓ +			✓ +			✓ +			✓ +		
Students learn about Earth and space by investigating the orbits of Earth and the moon and listing the planets in our solar system in order from the sun.			Students learn about patterns on Earth by measuring and comparing weather conditions, describing slow and rapid changes to Earth, and explaining resource use and conservation.			Students learn about ecosystems as they explore the patterns, cycles, systems, and relationships within environments, including the flow of energy in a food chain, and identify fossils as evidence of past living organisms.			Students learn about organisms by explaining how external structures and functions of animals enable them to survive in their environment and by comparing the life cycles of various organisms.		
Why does the night sky change?			How do volcanoes change the surface of Earth?			Why do monarch butterflies come here?			How do the structures of the pileated woodpecker help it survive in the forests of Texas?		
	0.5	1		0.5	1		0.5	1		0.5	1
1 Patterns in Space	3	4	1 Weather	3	4	1 Organisms in Ecosystems	3	4	1 Structures and Functions	3	4
2 Solar System	3	4	2 Slow Changes on Earth	3	4	2 Energy in Ecosystems	3	4	2 Life Cycles	3	4
			3 Fast Changes on Earth	3	4	3 Changes in Ecosystems	3	4			
			4 Natural Resources and Conservation	3	4	4 Fossils	3	4			
	0.5	1		0.5	1		0.5	1		0.5	1
	7	10		13	18		13	18		7	10