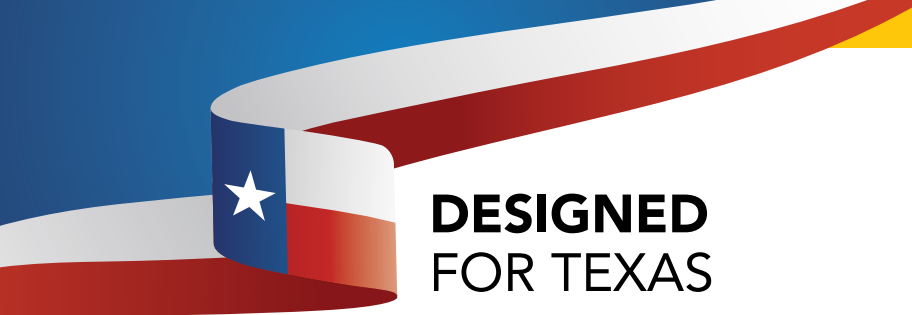




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FOR TEXAS

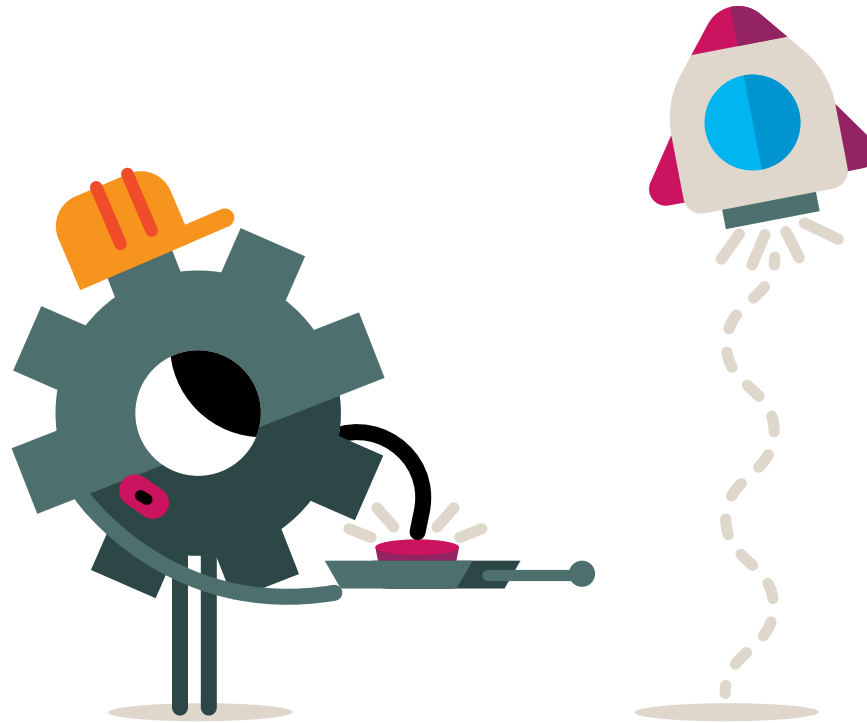
Course Planner and Pacing Guide

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 about the properties of solids, liquids, and gases and demonstrate that mass is conserved when substances are mixed.			Students learn that forces are pushes or pulls that can make things move, change direction, or change shape and investigate forces that act on objects through direct contact and at a distance.			Students learn that energy can be observed in cycles, patterns, or systems, investigate the transfer of energy, identify conductors and insulators, and understand that electrical energy travels in a closed path.		
Anchoring Phenomena	How did the glass get this shape?			What happens when skateboards roll across different surfaces?			How does energy move in pinball?		
Topic Launch		0.5	1		0.5	1		0.5	1
Experiences	1 Properties of Matter	3	5	1 Contact Forces	3	4	1 Transfer of Energy	3	4
	2 Solids, Liquids, and Gases	3	5	2 Noncontact Forces	3	4	2 Conductors and Insulators	3	4
	3 Mixtures and Solutions	3	5				3 Electrical Energy and Circuits	3	4
Topic Wrap-Up		0.5	1		0.5	1		0.5	1
TOTAL DAYS		10	17		7	10		10	14



TOPIC 4 Earth and Space			TOPIC 5 Patterns on Earth			TOPIC 6 Interactions in Ecosystems			TOPIC 7 Organisms		
✓ +			✓ +			✓ +			✓ +		
Students learn about Earth's patterns, investigate the impact of the tilt of Earth's axis on the seasons, and analyze the phases of the moon.			Students learn about the water cycle, the processes of weathering, erosion, and deposition, and renewable and nonrenewable natural resources.			Students learn about producers, consumers, and decomposers, the cycling of matter and flow of energy through food webs, and fossil evidence of past environments.			Students learn about plant structures and functions and how physical traits of organisms help them survive in their environments.		
How can you predict moon patterns?			How can sunlight power devices?			How does a bamboo plant make food that pandas can eat?			Why does a plant have a growth spurt?		
	0.5	1		0.5	1		0.5	1		0.5	1
1 Seasons	3	4	1 Water Cycle and Weather	3	4	1 Organisms in Ecosystems	3	4	1 Plant Structure and Function	3	4
2 Moon Phases	3	4	2 Slow Changes to Earth	3	4	2 Energy in Ecosystems	3	4	2 Physical Traits	3	4
			3 Natural Resources and Conservation	3	4	3 Fossils	3	4			
	0.5	1		0.5	1		0.5	1		0.5	1
	7	10		10	14		10	14		7	10