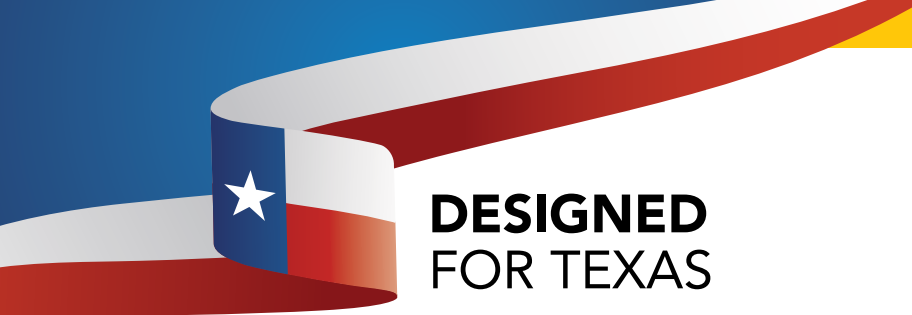




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Each topic gives you the flexibility to focus on core assets that cover the TEKS by taking the Fast Track, or to pull in additional resources to create a more robust experience when you’ve Got More Time. Here you can see average durations in periods.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

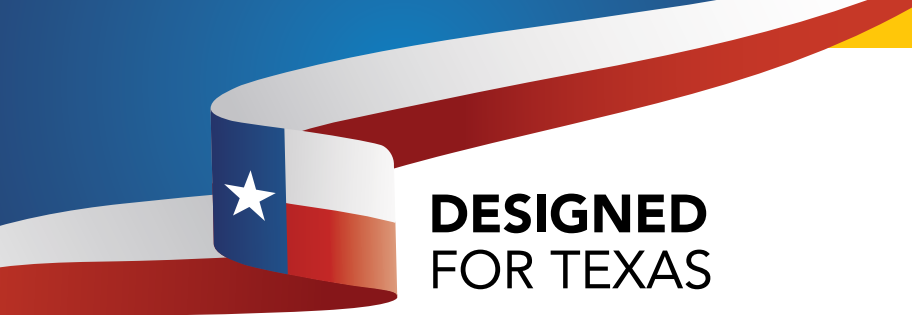
FAST TRACK Use the activities with a check mark to fast track your teaching.

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

	TOPIC 1 Properties and Changes of Matter	✓	+	TOPIC 2 Exploring Forces	✓	+
Overview	Students will compare states of matter, investigate physical properties of matter, use the Periodic Table to identify elements, and use evidence to identify chemical changes.			Students will identify and explain how forces act on objects, calculate the net force on objects, and use Newton’s third law of motion.		
Anchoring Phenomenon	What is happening to the pizza?			How can water lift a person?		
Topic Launch		0.5	1		0.5	1
Experiences	1 Comparing Solids, Liquids, and Gases	3	6	1 Types of Forces	3	6
	2 Physical Properties of Matter	3	6	2 Measuring Forces	3	6
	3 Metals, Nonmetals, and Metalloids	3	6			
	4 Identifying Chemical Changes	3	6			
Topic Wrap-up		1	1.5		1	1.5
TOTAL PERIODS		13.5	26.5		7.5	14.5



TOPIC 3 Energy			TOPIC 4 Earth-Sun-Moon System		
✓ +			✓ +		
Students will compare potential and kinetic energy and describe how energy is conserved through transfers and transformations.			Students will model, describe, and predict how movements in the Earth-Sun-Moon system lead to seasons and tides.		
Why does the ball start moving again after it stops?			How do the positions of the sun, moon, and Earth affect the coral spawning?		
	0.5	1		0.5	1
1 Kinetic and Gravitational Potential Energy	3	6	1 Earth's Movement and the Seasons	3	6
2 Other Types of Potential Energy	3	6	2 Tides	3	6
3 Waves and Energy Transfer	3	6			
4 Conservation of Energy	3	6			
	1	1.5		1	1.5
	13.5	26.5		7.5	14.5



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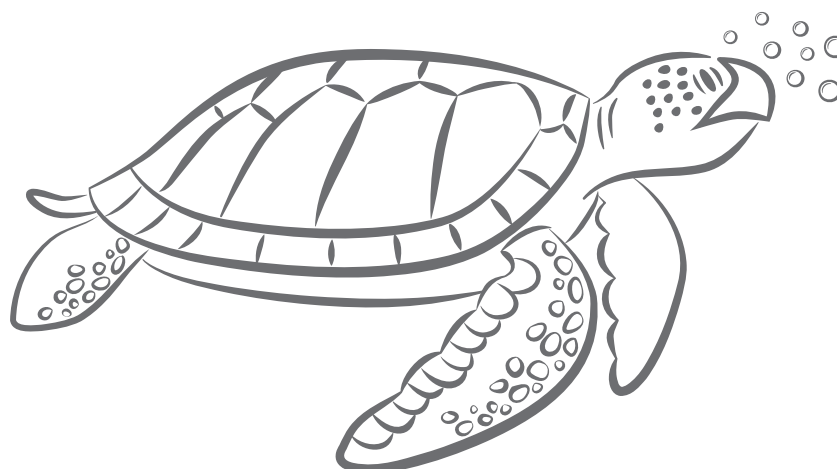
FAST TRACK Use the activities with a check mark to fast track your teaching.



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



	TOPIC 5 Earth's Structure	✓	+	TOPIC 6 Managing Earth's Resources	✓	+
Overview	Students will differentiate between Earth's spheres, model Earth's layers, and describe how rocks form and change through the rock cycle.			Students will research and describe why resource management is important and how conservation, increased efficiency, and technology can help manage resources.		
Anchoring Phenomenon	Where does the lava come from?			How can the design of these buildings help manage resources?		
Topic Launch		0.5	1		0.5	1
Experiences	1 Earth's Spheres	3	6	1 Air Resources	3	6
	2 Earth's Layers	3	6	2 Water Resources	3	6
	3 The Rock Cycle	3	6	3 Soil Resources	3	6
				4 Energy Resources	3	6
Topic Wrap-up		1	1.5		1	1.5
TOTAL PERIODS		10.5	20.5		13.5	26.5



TOPIC 7 Introduction to Living Things			TOPIC 8 Organisms and Ecosystems		
✓			✓		
Students will describe the historical development of cell theory and identify and compare the basic characteristics of organisms.			Students will describe how ecosystems are organized, investigate the factors that organisms depend on, describe various relationships between organisms, and describe how variations within a population affect a population's survival when their environment changes.		
Is anything that grows alive?			How will this population of bears change over time?		
	0.5	1		0.5	1
1 Cell Theory	3	6	1 Ecosystem Organization	3	6
2 Characteristics of Living Things	3	6	2 Competition Among Organisms	3	6
			3 Interactions in Ecosystems	3	6
			4 Variations in Populations	3	6
	1	1.5		1	1.5
	7.5	14.5		13.5	26.5