



CALENDAR PLANNING DOCUMENT

Level 4

This calendar planning document is intended to help teachers map out their instructional days across the school year. This document shows the lessons from all Level 4 modules and Spotlight Lessons and includes recommendations for which lessons might need to be split over two days. The content learning cycle, as well as the associated 7E instructional phases, are broken down by lesson.

In addition, this document lists the Texas Essential Knowledge and Skills (TEKS) associated with each lesson, extension activities that can be incorporated into instructional days, and various assessment opportunities. To further assist with planning, the calendar shows module investigations and highlights lessons that require advance preparation.

MODULE 1

Earth Features

Week	Day 1	Day 2	Day 3	Day 4	Day 5
1	<p>LESSON 1: Launch through Land (Wonder; Engage)</p> <p>TEKS: 4.10B</p> <p>ADVANCE PREP: Start preparation for Plant Station in Lesson 7.</p> <p>ASSESSMENT: Check for Understanding</p>	<p>LESSON 2: Launch through Build a Driving Question Board (Wonder, Organize; Engage, Explore)</p> <p>TEKS: 4.10B</p>	<p>LESSON 2: Develop an Initial Model of Grand Canyon Features through Land (Wonder, Organize; Engage, Explore)</p> <p>TEKS: 4.10B</p> <p>ASSESSMENT: Check for Understanding</p>	<p>LESSON 3: Launch through Land (Wonder, Organize, Reveal; Engage, Explore)</p> <p>TEKS: 4.10B, 4.12C</p> <p>INVESTIGATION: Rock layer model</p> <p>ASSESSMENT: Check for Understanding</p>	<p>LESSON 4: Launch through Land (Distill; Explain)</p> <p>TEKS: 4.10B, 4.12C</p> <p>ASSESSMENT: Check for Understanding</p>
2	<p>LESSON 5: Launch through Revise Anchor Model (Distill; Explain)</p> <p>TEKS: 4.10B, 4.12C</p> <p>ASSESSMENT: Check for Understanding</p>	<p>LESSON 5: Investigate Texas Landforms through Land (Distill; Explain)</p> <p>TEKS: 4.10B, 4.12C</p> <p>ASSESSMENT: Check for Understanding</p>	<p>LESSON 5: Extension (Organize; Explore)</p> <p>TEKS: 4.10B, 4.12C</p> <p>EXTENSION: Research the organisms found in different environments.</p>	<p>LESSON 6: Launch through Observe Texas Fossils (Wonder, Organize, Reveal; Engage, Explore)</p> <p>TEKS: 4.12C</p> <p>ASSESSMENT: Check for Understanding</p>	<p>LESSON 6: Create Anchor Chart through Land (Distill, Know; Explain, Elaborate)</p> <p>TEKS: 4.12C</p> <p>ADVANCE PREP: Prepare control for Plant Station in Lesson 7.</p> <p>ASSESSMENT: Conceptual Checkpoint</p>
3	<p>LESSON 7: Launch through Land (Wonder, Organize, Reveal; Engage, Explore)</p> <p>TEKS: 4.7, 4.10B</p> <p>INVESTIGATION: Material interaction stations</p> <p>ASSESSMENT: Check for Understanding</p>	<p>LESSON 8: Launch through Land (Distill; Explain)</p> <p>TEKS: 4.10B</p> <p>ADVANCE PREP: Prepare stream tables for Lesson 9.</p> <p>ASSESSMENT: Check for Understanding</p>	<p>LESSON 9: Launch through Land (Organize, Reveal; Explore)</p> <p>TEKS: 4.10B</p> <p>INVESTIGATION: Stream table landscape</p> <p>ADVANCE PREP: Prepare control for Plant Station in Lesson 10.</p> <p>ASSESSMENT: Check for Understanding</p>	<p>LESSON 10: Launch through Investigate Causes of Erosion (Investigation 2) (Reveal; Explore)</p> <p>TEKS: 4.7, 4.10B</p> <p>INVESTIGATIONS: Wind investigation</p> <p>Water Investigation</p>	<p>LESSON 10: Extension (Organize; Explore, Evaluate)</p> <p>TEKS: 4.7, 4.10B</p> <p>EXTENSION: Research the different ways humans affect the land and how those impacts contribute to erosion.</p>



Week	Day 1	Day 2	Day 3	Day 4	Day 5
4	<p>LESSON 10: Investigate Causes of Erosion (Investigation 3) through Land (Distill; Explain)</p> <p>TEKS: 4.7, 4.10B</p> <p>INVESTIGATION: Gravity investigation</p> <p>ASSESSMENT: Check for Understanding</p>	<p>LESSON 11: Launch through Plan Investigations About Rates of Erosion (Organize; Explore)</p> <p>TEKS: 4.7</p>	<p>LESSON 11: Investigate Rates of Erosion through Land (Reveal, Distill; Explore, Explain)</p> <p>TEKS: 4.7</p> <p>INVESTIGATION: Rate of erosion investigation</p> <p>ASSESSMENT: Check for Understanding</p>	<p>LESSON 12: Launch through Revise Anchor Model (Reveal, Distill; Explore, Explain)</p> <p>TEKS: 4.7</p> <p>ASSESSMENT: Check for Understanding</p>	<p>LESSON 12: Conceptual Checkpoint through Land (Know; Elaborate)</p> <p>TEKS: 4.7</p> <p>ASSESSMENT: Conceptual Checkpoint</p>
5	<p>LESSON 13: Launch through Land (Know; Elaborate, Evaluate)</p> <p>TEKS: 4.10B</p> <p>ASSESSMENTS: Check for Understanding</p> <p>Engineering Challenge</p>	<p>LESSON 14: Launch through Land (Know; Elaborate, Evaluate)</p> <p>TEKS: 4.10B</p> <p>ASSESSMENTS: Check for Understanding</p> <p>Engineering Challenge</p>	<p>LESSON 15: Launch through Land (Know; Elaborate, Evaluate)</p> <p>TEKS: 4.10B</p> <p>ASSESSMENTS: Check for Understanding</p> <p>Engineering Challenge</p>	<p>LESSON 16: Launch through Land (Know; Elaborate, Evaluate)</p> <p>TEKS: 4.10B</p> <p>ASSESSMENTS: Check for Understanding</p> <p>Engineering Challenge</p>	<p>LESSON 17: Launch through Land (Know; Elaborate, Evaluate)</p> <p>TEKS: 4.10B</p> <p>ASSESSMENTS: Check for Understanding</p> <p>Engineering Challenge</p>
6	<p>LESSON 18: Launch through Land (Know; Elaborate, Evaluate)</p> <p>TEKS: 4.10B</p> <p>ASSESSMENTS: Check for Understanding</p> <p>Engineering Challenge</p>	<p>LESSON 18: Extension (Know; Elaborate, Evaluate)</p> <p>TEKS: 4.10B</p> <p>EXTENSION: Research human activities that might influence erosion rates and how erosion can be reduced in those cases.</p>	<p>LESSON 19: Launch through Explore Colorado River System Map (Wonder, Organize; Engage, Explore)</p> <p>TEKS: 4.10B</p>	<p>LESSON 19: Model the Colorado River through Land (Organize; Explore)</p> <p>TEKS: 4.10B</p> <p>INVESTIGATION: River model</p> <p>ASSESSMENT: Check for Understanding</p>	<p>LESSON 19: Extension (Organize; Explore, Evaluate)</p> <p>TEKS: 4.10B</p> <p>EXTENSION: Research beaver dams and compare them to human-made dams.</p>
7	<p>LESSON 20: Launch through Effects of a Dam on a River Investigation (Reveal, Distill; Explore, Explain)</p> <p>TEKS: 4.10B, 4.11A, 4.11B</p> <p>INVESTIGATION: Effects of a dam</p>	<p>LESSON 20: Construct Explanations through Land (Distill; Explain)</p> <p>TEKS: 4.10B, 4.11A, 4.11B</p> <p>ASSESSMENT: Check for Understanding</p>	<p>LESSON 21: Launch through Land (Organize, Reveal; Explore)</p> <p>TEKS: 4.11B</p> <p>ASSESSMENT: Check for Understanding</p>	<p>LESSON 22: Launch through Land (Reveal, Distill; Explore, Explain)</p> <p>TEKS: 4.8A, 4.11A, 4.11B</p> <p>ADVANCE PREP: Prepare materials for land and water interactions investigation in Lesson 23.</p> <p>ASSESSMENT: Check for Understanding</p>	<p>LESSON 23: Launch through Observe Water and Land Interactions (Investigation) (Wonder, Organize; Engage, Explore)</p> <p>TEKS: 4.11C</p> <p>INVESTIGATION: Land and water interactions</p>



Week	Day 1	Day 2	Day 3	Day 4	Day 5
8	<p>LESSON 23: Observe Water and Land Interactions (Class Data Analysis) through Land (Reveal, Distill; Explore, Explain)</p> <p>TEKS: 4.11C</p> <p>ASSESSMENT: Check for Understanding</p>	<p>LESSON 24: Launch through Observe a Model (Wonder, Organize, Reveal; Engage, Explore)</p> <p>TEKS: 4.11B</p> <p>INVESTIGATION: Groundwater extraction demonstration</p>	<p>LESSON 24: Explore Ways to Conserve Water through Land (Reveal, Distill; Explore, Explain)</p> <p>TEKS: 4.11B</p> <p>ASSESSMENT: Check for Understanding</p>	<p>LESSON 24: Extension (Organize; Explore, Evaluate)</p> <p>TEKS: 4.11B</p> <p>EXTENSION: Research local source of water.</p> <p>Research ways that the local community recycles water.</p>	<p>LESSON 25: Launch through Land (Wonder, Organize, Reveal, Distill, Know; Engage, Explore, Explain Elaborate, Extend)</p> <p>TEKS: 4.11A, 4.11B, 4.11C</p> <p>ASSESSMENT: Conceptual Checkpoint</p>
9	<p>LESSON 26: Launch through Land (Distill, Know; Explain, Elaborate)</p> <p>TEKS: 4.10B, 4.11A, 4.11B, 4.11C, 4.12C</p> <p>ASSESSMENTS: Check for Understanding</p> <p>Socratic Seminar</p>	<p>LESSON 27: Launch through Land (Distill, Know; Explain, Elaborate, Extend)</p> <p>TEKS: 4.10B, 4.11A, 4.11B, 4.11C, 4.12C</p> <p>ASSESSMENT: End-of-Module Assessment</p>	<p>LESSON 28: Launch through Land (Distill, Know; Explain, Elaborate, Extend, Evaluate)</p> <p>TEKS: 4.10B, 4.11A, 4.11B, 4.11C, 4.12C</p> <p>ASSESSMENT: End-of-Module Assessment Debrief</p>		

SPOTLIGHT LESSONS ON MIXTURES AND SOLUTIONS

Week	Day 1	Day 2	Day 3	Day 4	Day 5
10	<p>LESSON 1: Launch through Land</p> <p>TEKS: 4.6A, 4.6B, 4.11B</p> <p>ASSESSMENT: Check for Understanding</p>	<p>LESSON 2: Launch through Land</p> <p>TEKS: 4.6A</p> <p>INVESTIGATION: Properties of matter</p> <p>ASSESSMENT: Check for Understanding</p>	<p>LESSON 3: Launch through Land</p> <p>TEKS: 4.1E, 4.1F, 4.1G</p> <p>INVESTIGATIONS: Mixtures</p> <p>Water pollution model</p> <p>ASSESSMENT: Check for Understanding</p>	<p>LESSON 4: Launch through Investigate Mixtures</p> <p>TEKS: 4.1D, 4.1E, 4.1F</p> <p>INVESTIGATION: Mixtures</p> <p>ASSESSMENT: Check for Understanding</p>	<p>LESSON 4: Classify Solutions through Land</p> <p>TEKS: 4.1D, 4.1E, 4.1F</p> <p>INVESTIGATION: Water pollution model</p> <p>ASSESSMENT: Check for Understanding</p>



Week	Day 1	Day 2	Day 3	Day 4	Day 5
11	<p>LESSON 4: Extension</p> <p>TEKS: 4.1D, 4.1E, 4.1F</p> <p>EXTENSION: Research types of pollution materials found in water.</p>	<p>LESSON 5: Launch through Land</p> <p>TEKS: 4.6A, 4.6B</p> <p>INVESTIGATION: Relative density stations</p> <p>ASSESSMENT: Check for Understanding</p>	<p>LESSON 6: Launch through Land</p> <p>TEKS: 4.6A, 4.6B, 4.6C</p> <p>ASSESSMENT: End-of-Spotlight Assessment</p>	<p>LESSON 7: Launch through Land</p> <p>TEKS: 4.6A, 4.6B, 4.6C</p> <p>ASSESSMENT: End-of-Spotlight Debrief</p>	N/A

MODULE 2

Energy

Week	Day 1	Day 2	Day 3	Day 4	Day 5
12	<p>LESSON 1: Launch through Notice and Wonder about Windmills (Wonder; Engage)</p> <p>TEKS: 4.5B</p> <p>ASSESSMENT: Check for Understanding</p>	<p>LESSON 1: Construct Miniature Windmill Models through Land (Organize; Explore)</p> <p>TEKS: 4.5B</p> <p>INVESTIGATION: Pinwheel investigation</p> <p>ASSESSMENT: Check for Understanding</p>	<p>LESSON 2: Launch through Introduce and Discuss <i>The Boy Who Harnessed the Wind</i> (Organize; Explore)</p> <p>TEKS: 4.5D, 4.5E</p>	<p>LESSON 2: Construct Physical Models through Land (Organize; Explore)</p> <p>TEKS: 4.5D, 4.5E</p> <p>INVESTIGATION: Windmill model investigation</p> <p>ASSESSMENT: Check for Understanding</p>	<p>LESSON 3: Launch through Develop an Anchor Model (Wonder, Organize; Engage, Explore)</p> <p>TEKS: 4.5B, 4.5E</p>
13	<p>LESSON 3: Build a Driving Question Board through Land (Organize; Explore)</p> <p>TEKS: 4.5B, 4.5E</p> <p>ADVANCE PREP: Test the radio batteries and the heat lamp bulbs for Lesson 4 energy stations.</p> <p>ASSESSMENT: Check for Understanding</p>	<p>LESSON 4: Launch through Land (Reveal; Explore)</p> <p>TEKS: 4.8A, 4.8C</p> <p>INVESTIGATION: Energy stations</p> <p>ASSESSMENT: Check for Understanding</p>	<p>LESSON 5: Launch through Land (Reveal, Distill; Explore, Explain)</p> <p>TEKS: 4.8A, 4.8C</p> <p>INVESTIGATION: Energy stations</p> <p>ASSESSMENT: Check for Understanding</p>	<p>LESSON 6: Launch through Investigate Energy (groups visit 1 station) (Wonder, Organize, Reveal; Engage, Explore)</p> <p>TEKS: 4.8A</p> <p>INVESTIGATION: Speed stations</p>	<p>LESSON 6: Investigate Energy (groups visit remaining 2 stations) through Land (Reveal; Explore)</p> <p>TEKS: 4.8A</p> <p>INVESTIGATION: Speed stations</p> <p>ASSESSMENT: Check for Understanding</p>



Week	Day 1	Day 2	Day 3	Day 4	Day 5
14	<p>LESSON 7: Launch through Design a Fair Test Investigation (Wonder, Organize, Reveal; Engage, Explore)</p> <p>TEKS: 4.8A</p> <p>INVESTIGATION: Speed investigation</p>	<p>LESSON 7: Conduct the Investigation through Land (Reveal; Explore)</p> <p>TEKS: 4.8A</p> <p>INVESTIGATION: Speed investigation</p> <p>ASSESSMENT: Check for Understanding</p>	<p>LESSON 8: Launch through Plan the Investigation (Reveal; Explore)</p> <p>TEKS: 4.7</p> <p>INVESTIGATION: Collision investigation</p>	<p>LESSON 8: Conduct the Investigation through Land (Reveal; Explore)</p> <p>TEKS: 4.7</p> <p>INVESTIGATION: Collision investigation</p> <p>ASSESSMENT: Check for Understanding</p>	<p>LESSON 9: Launch through Land (Distill; Explain)</p> <p>TEKS: 4.7, 4.8A</p> <p>ASSESSMENT: Check for Understanding</p>
15	<p>LESSON 10: Launch through Land (Organize, Reveal; Explore, Evaluate)</p> <p>TEKS: 4.7</p> <p>INVESTIGATION: Slowing motion investigation</p> <p>ASSESSMENT: Check for Understanding</p>	<p>LESSON 10: Extension (Organize; Explore, Evaluate)</p> <p>TEKS: 4.7</p> <p>EXTENSION: Allow students to test additional materials to investigate what causes an object to slow down and stop.</p>	<p>LESSON 11: Launch through Land (Reveal, Distill, Know; Explore, Explain, Elaborate)</p> <p>TEKS: 4.7, 4.8A</p> <p>ADVANCE PREP: Begin to collect paper towel tubes or toilet paper tubes for Lesson 16.</p> <p>ASSESSMENT: Conceptual Checkpoint</p>	<p>LESSON 12: Launch through Land (Wonder, Organize, Reveal; Engage, Explore)</p> <p>TEKS: 4.8A</p> <p>EXTENSION: Include optional energy in systems stations.</p> <p>INVESTIGATION: Energy in systems stations</p> <p>ASSESSMENT: Check for Understanding</p>	<p>LESSON 13: Launch through Land (Organize, Reveal, Distill; Explore, Explain)</p> <p>TEKS: 4.8A, 4.8C</p> <p>INVESTIGATION: Heat lamp demonstration</p> <p>ASSESSMENT: Check for Understanding</p>
16	<p>LESSON 14: Launch through Land (Organize, Reveal, Distill; Explore, Explain)</p> <p>TEKS: 4.8B, 4.8C</p> <p>INVESTIGATION: Electrical circuit</p> <p>ASSESSMENT: Check for Understanding</p>	<p>LESSON 15: Launch through Sort Electrical Conductors and Insulators (Organize, Reveal; Explore)</p> <p>TEKS: 4.8B, 4.8C</p> <p>INVESTIGATION: Conductors and insulators</p>	<p>LESSON 15: Compare Thermal Conductors and Insulators through Land (Organize, Reveal, Distill; Explore, Explain)</p> <p>TEKS: 4.8B, 4.8C</p> <p>INVESTIGATION: Conductors and insulators</p> <p>ASSESSMENT: Check for Understanding</p>	<p>LESSON 16: Launch through Land (Organize; Explore)</p> <p>TEKS: 4.8A, 4.8B, 4.8C</p> <p>INVESTIGATION: Building a generator</p> <p>ASSESSMENT: Check for Understanding</p>	<p>LESSON 17: Launch through Land (Reveal; Explore)</p> <p>TEKS: 4.8A, 4.8B, 4.8C</p> <p>INVESTIGATION: Building a generator</p> <p>ASSESSMENT: Check for Understanding</p>

Week	Day 1	Day 2	Day 3	Day 4	Day 5
17	<p>LESSON 18: Launch through Land (Reveal, Distill; Explore, Explain)</p> <p>TEKS: 4.8A, 4.8B, 4.8C</p> <p>INVESTIGATION: Building a generator</p> <p>ASSESSMENT: Check for Understanding</p>	<p>LESSON 19: Launch through Land (Distill; Explain)</p> <p>TEKS: 4.8A, 4.8B, 4.8C</p> <p>ASSESSMENT: Check for Understanding</p>	<p>LESSON 20: Launch through Land (Distill, Know; Explain, Elaborate)</p> <p>TEKS: 4.8A, 4.8B, 4.8C</p> <p>ASSESSMENT: Conceptual Checkpoint</p>	<p>LESSON 21: Launch through Land (Know; Elaborate, Evaluate)</p> <p>TEKS: 4.8A, 4.8C, 4.11B</p> <p>ASSESSMENTS: Check for Understanding Engineering Challenge</p>	<p>LESSON 22: Launch through Land (Know; Elaborate, Evaluate)</p> <p>TEKS: 4.7, 4.8A, 4.8B, 4.8C, 4.11A, 4.11B</p> <p>ASSESSMENTS: Check for Understanding Engineering Challenge</p>
18	<p>LESSON 23: Launch through Land (Know; Elaborate, Evaluate)</p> <p>TEKS: 4.7, 4.8A, 4.8C, 4.11B</p> <p>ASSESSMENTS: Check for Understanding Engineering Challenge</p>	<p>LESSON 24: Launch through Land (Know; Elaborate, Evaluate)</p> <p>TEKS: 4.8A, 4.8B, 4.8C, 4.11B</p> <p>ASSESSMENTS: Check for Understanding Engineering Challenge</p>	<p>LESSON 25: Launch through Land (Know; Elaborate, Evaluate)</p> <p>TEKS: 4.7, 4.8A, 4.8B, 4.8C, 4.11A, 4.11B</p> <p>ASSESSMENTS: Check for Understanding Engineering Challenge</p>	<p>LESSON 26: Launch through Land (Know; Elaborate, Evaluate)</p> <p>TEKS: 4.7, 4.8A, 4.8B, 4.8C, 4.11A, 4.11B</p> <p>ASSESSMENTS: Check for Understanding Engineering Challenge</p>	<p>LESSON 27: Launch through Land (Distill, Know; Explain, Elaborate)</p> <p>TEKS: 4.7, 4.8A, 4.8B, 4.8C</p> <p>ASSESSMENTS: Check for Understanding Socratic Seminar</p>
19	<p>LESSON 28: Launch through Land (Distill, Know; Explain, Elaborate, Extend)</p> <p>TEKS: 4.7, 4.8A, 4.8B, 4.8C</p> <p>ADVANCE PREP: 2 weeks before Module 3: Order carnivorous plants for Module 3 Lesson 1. Set up the terrarium when the plants are delivered.</p> <p>ASSESSMENT: End-of-Module Assessment</p>	<p>LESSON 29: Launch through Land (Distill, Know; Explain, Elaborate, Extend, Evaluate)</p> <p>TEKS: 4.7, 4.8A, 4.8B, 4.8C</p> <p>ASSESSMENT: End-of-Module Assessment Debrief</p>	<p>Benchmark Assessment Prep: Review and reteach for Benchmark Assessment.</p>	<p>ASSESSMENT: Benchmark Assessment 1</p>	<p>ASSESSMENT: Benchmark Assessment 1 Debrief</p>



SPOTLIGHT LESSONS ON EARTH AND SPACE

Week	Day 1	Day 2	Day 3	Day 4	Day 5
20	<p>LESSON 1: Launch through Land TEKS: 4.9A, 4.9B ASSESSMENT: Check for Understanding</p>	<p>LESSON 2: Launch through Land TEKS: 4.9A ASSESSMENT: Check for Understanding</p>	<p>LESSON 3: Launch through Land TEKS: 4.9A ASSESSMENT: Check for Understanding</p>	<p>LESSON 4: Launch through Land TEKS: 4.9A ASSESSMENT: Check for Understanding</p>	<p>LESSON 5: Launch through Land TEKS: 4.9B ASSESSMENT: Check for Understanding</p>
21	<p>LESSON 6: Launch through Land TEKS: 4.9A, 4.9B ASSESSMENT: End-of-Spotlight Assessment</p>	<p>LESSON 7: Launch through Land TEKS: 4.9A, 4.9B ASSESSMENT: End-of-Spotlight Debrief</p>	N/A	N/A	N/A



MODULE 3

Plants in the Environment

Week	Day 1	Day 2	Day 3	Day 4	Day 5
22	<p>LESSON 1: Launch through Land (Wonder, Organize, Reveal; Engage, Explore)</p> <p>TEKS: 4.13A</p> <p>INVESTIGATION: Terrarium</p> <p>ASSESSMENT: Check for Understanding</p>	<p>LESSON 2: Launch through Explore Plants in Big Thicket (Organize; Explore)</p> <p>TEKS: 4.13A</p>	<p>LESSON 2: Develop Anchor Model through Land (Organize; Explore)</p> <p>TEKS: 4.13A</p> <p>ASSESSMENT: Check for Understanding</p>	<p>LESSON 3: Launch through Observe Apple Characteristics (Wonder, Organize; Engage, Explore)</p> <p>TEKS: 4.13B</p>	<p>LESSON 3: Analyze Plant Traits through Land (Reveal, Distill; Explore, Explain)</p> <p>TEKS: 4.13B</p> <p>ASSESSMENT: Check for Understanding</p>
23	<p>LESSON 3: Extension (Organize; Explore, Evaluate)</p> <p>TEKS: 4.13B</p> <p>EXTENSION: Research and compare the characteristics of the different apple types.</p>	<p>LESSON 4: Launch through Land (Organize, Reveal, Distill; Explore, Explain)</p> <p>TEKS: 4.13B</p> <p>ADVANCE PREP: Prepare radish plants for the Science Challenge in Lessons 8 and 9.</p> <p>ASSESSMENT: Check for Understanding</p>	<p>LESSON 5: Launch through Land (Wonder, Organize, Reveal; Engage, Explore)</p> <p>TEKS: 4.13A</p> <p>ASSESSMENT: Check for Understanding</p>	<p>LESSON 6: Launch through Land (Reveal, Distill; Explore, Explain)</p> <p>TEKS: 4.13A</p> <p>INVESTIGATION: Plant structure and function stations</p> <p>ASSESSMENT: Check for Understanding</p>	<p>LESSON 7: Launch through Land (Distill, Know; Explain, Elaborate)</p> <p>TEKS: 4.13A, 4.13B</p> <p>ASSESSMENT: Conceptual Checkpoint</p>
24	<p>LESSON 8: Launch through Discuss Fair Test Investigations (Wonder, Organize; Engage, Explore)</p> <p>TEKS: 4.12A</p> <p>ASSESSMENT: Science Challenge</p>	<p>LESSON 8: Plan a Fair Test Investigation through Land (Organize; Explore)</p> <p>TEKS: 4.12A</p> <p>INVESTIGATION: Radish plant investigation</p> <p>ADVANCE PREP: Prepare radish plants in sand and local soil and set up the Science Challenge for Lesson 9.</p> <p>ASSESSMENTS: Check for Understanding Science Challenge</p>	<p>LESSON 9: Launch through Land (Organize; Explore)</p> <p>TEKS: 4.12A</p> <p>INVESTIGATION: Radish plant investigation</p> <p>ASSESSMENTS: Check for Understanding Science Challenge</p>	<p>LESSON 10: Launch through Land (Wonder, Organize, Reveal; Engage, Explore)</p> <p>TEKS: 4.10A, 4.10C</p> <p>ASSESSMENT: Check for Understanding</p>	<p>LESSON 11: Launch through Land (Organize, Reveal, Distill; Explore, Explain)</p> <p>TEKS: 4.10A, 4.10C</p> <p>ADVANCE PREP: Make or obtain ice for Lesson 12.</p> <p>ASSESSMENT: Check for Understanding</p>



Week	Day 1	Day 2	Day 3	Day 4	Day 5
25	<p>LESSON 12: Launch through Land (Wonder, Organize, Reveal; Engage, Explore)</p> <p>TEKS: 4.10A, 4.10C</p> <p>INVESTIGATION: Water movement model</p> <p>ADVANCE PREP: Prepare four sealed bags of moldy bread for Lesson 17.</p> <p>ASSESSMENT: Check for Understanding</p>	<p>LESSON 13: Launch through Land (Organize, Reveal, Distill; Explore, Explain)</p> <p>TEKS: 4.10A, 4.10C</p> <p>ASSESSMENT: Check for Understanding</p>	<p>LESSON 14: Launch through Land (Distill, Know; Explain, Elaborate)</p> <p>TEKS: 4.10A, 4.10C, 4.12A</p> <p>ASSESSMENT: Conceptual Checkpoint</p>	<p>LESSON 15: Launch through Land (Wonder, Organize, Reveal; Engage, Explore)</p> <p>TEKS: 4.12A, 4.12B</p> <p>ASSESSMENT: Check for Understanding</p>	<p>LESSON 16: Launch through Trace Energy Through a Food Web (Reveal; Explore)</p> <p>TEKS: 4.12A, 4.12B</p>
26	<p>LESSON 16: Analyze Energy in a Food Web through Land (Organize, Reveal, Distill; Explore, Explain)</p> <p>TEKS: 4.12A, 4.12B</p> <p>ASSESSMENT: Check for Understanding</p>	<p>LESSON 16: Extension (Organize; Explore)</p> <p>TEKS: 4.12A, 4.12B</p> <p>EXTENSION: Follow a path through the food web that touches as many food chains as possible.</p>	<p>LESSON 17: Launch through Land (Wonder, Organize, Reveal; Engage, Explore)</p> <p>TEKS: 4.12A, 4.12B</p> <p>INVESTIGATION: Fungi observation stations</p> <p>ASSESSMENT: Check for Understanding</p>	<p>LESSON 18: Launch through Land (Organize, Reveal; Explore)</p> <p>TEKS: 4.10A, 4.12A, 4.12B</p> <p>ASSESSMENT: Check for Understanding</p>	<p>LESSON 18: Extension (Reveal, Distill; Explore, Explain)</p> <p>TEKS: 4.10A, 4.12A, 4.12B</p> <p>EXTENSION: Students create a text that explains a food chain or food web in Big Thicket.</p>
27	<p>LESSON 19: Launch through Update Anchor Chart (Reveal, Distill; Explore, Explain)</p> <p>TEKS: 4.10A, 4.12A, 4.12B</p>	<p>LESSON 19: Conceptual Checkpoint through Land (Know; Elaborate)</p> <p>TEKS: 4.10A, 4.12A, 4.12B</p> <p>ASSESSMENT: Conceptual Checkpoint</p>	<p>LESSON 20: Launch through Land (Reveal; Explore)</p> <p>TEKS: 4.12A</p> <p>INVESTIGATION: Plant observations</p> <p>ASSESSMENTS: Check for Understanding Science Challenge</p>	<p>LESSON 21: Launch through Land (Distill; Explain, Evaluate)</p> <p>TEKS: 4.12A</p> <p>ASSESSMENTS: Check for Understanding Science Challenge</p>	<p>LESSON 22: Launch through Land (Distill; Explain)</p> <p>TEKS: 4.10A, 4.10C, 4.12A, 4.12B</p> <p>ASSESSMENTS: Check for Understanding Socratic Seminar</p>

Week	Day 1	Day 2	Day 3	Day 4	Day 5
28	<p>LESSON 23: Launch through Land (Know, Elaborate, Extend)</p> <p>TEKS: 4.10A, 4.10C, 4.12A, 4.12B</p> <p>ASSESSMENT: End-of-Module Assessment</p>	<p>LESSON 24: Launch through Land (Know; Elaborate, Extend, Evaluate)</p> <p>TEKS: 4.10A, 4.10C, 4.12A, 4.12B</p> <p>ASSESSMENT: End-of-Module Assessment Debrief</p>	<p>Benchmark Assessment Prep:</p> <p>Review and reteach for Benchmark Assessment.</p>	<p>ASSESSMENT: Benchmark Assessment 2</p>	<p>ASSESSMENT: Benchmark Assessment 2 Debrief</p>

