

August 2021						
S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

September 2021						
S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

October 2021						
S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

November 2021						
S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

December 2021						
S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

January 2022						
S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

SCUC - Grade 4 Science	
Pacing Calendar 2021-2022	
{ }	CUA Scanning Deadline
*	STAAR Testing
[ ]	First/Last Instructional Days
—	Student/Staff Holiday
----	Staff Development/Workday
PLC	PLC
△	Early Release Days
○	Inclement Weather Make-up Day

Intro	Processes for Scientific Investigations
Unit 1	Investigating Physical Properties of Matter 4.5A
Unit 2	Investigating Mixtures 4.5B
Unit 3	Investigating Energy 4.6ABC
Unit 4	Investigating Force & Motion 4.6D
Unit 5	Investigating Natural Resources 4.7AC
Unit 6	Investigating the Changing Earth 4.7B
Unit 7	Investigating Weather & the Water Cycle 4.8AB
Unit 8	Investigating Patterns of the Earth 4.8C
Unit 9	Investigating Energy Flow in Living Systems 4.9AB
Unit 10	Investigating Structure & Behaviors of Organisms 4.10AB
Unit 11	Investigating Life Cycles 4.10C

TEKS are supporting standards eligible for the STAAR Grade 5 test.



February 2022						
S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28					

March 2022						
S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

April 2022						
S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

May 2022						
S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

June 2022						
S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

Process standards: 4.1-4.4 are embedded throughout instruction of the content. Detailed specificity per unit is located on the TRS Unit IFDs.

Nine Week Reporting Period		
1 <sup>st</sup>	Aug. 12 - Oct. 8	41 days
2 <sup>nd</sup>	Oct. 12 - Dec. 17	43 days
3 <sup>rd</sup>	Jan. 4 - Mar. 11	47 days
4 <sup>th</sup>	Mar. 14 - May 27	54 days

Scanning Deadline	Common Unit Assessments
September 17, 2021	Unit 1 - Investigating Physical Properties of Matter
October 8, 2021	Unit 2 - Investigating Mixtures
October 29, 2021	Unit 3 - Investigating Energy
November 19, 2021	Unit 4 - Investigating Force & Motion
December 17, 2021	Unit 5 - Investigating Natural Resources
January 21, 2022	Unit 6 - Investigating the Changing Earth
February 4, 2022	Unit 7 - Investigating Weather & the Water Cycle
March 8, 2022	Unit 8 - Investigating Patterns of the Earth
April 8, 2022	Unit 9 - Investigating Energy Flow in Living Systems
May 13, 2022	Unit 10 - Investigating Structure & Behaviors of Organisms
May 26, 2022	Unit 11 - Investigating Life Cycles

Unit 1	<b>Investigating Physical Properties of Matter</b> <b>4.5A</b> Measure, compare, and contrast physical properties of matter, including mass, volume, states (solid, liquid, gas), temperature, magnetism, and the ability to sink or float.
Unit 2	<b>Investigating Mixtures</b> <b>4.5B</b> Compare and contrast a variety of mixtures, including solutions.
Unit 3	<b>Investigating Energy</b> <b>4.6A</b> Differentiate among forms of energy, including mechanical, sound, electrical, light, and thermal. <b>4.6B</b> Differentiate between conductors and insulators of thermal and electrical energy. <b>4.6C</b> Demonstrate that electricity travels in a closed path, creating and electrical circuit.
Unit 4	<b>Investigating Force &amp; Motion</b> <b>4.6D</b> Design a descriptive investigation to explore the effect of force on an object such as a push or a pull, gravity, friction, or magnetism.
Unit 5	<b>Investigating Natural Resources</b> <b>4.7A</b> Examine properties of soils, including color and texture, capacity to retain water, and ability to support the growth of plants. <i>Supporting Standard</i> <b>4.7C</b> Identify and classify Earth’s renewable resources, including air, plants, water, and animals, and nonrenewable resources, including coal, oil, and natural gas, and the importance of conservation. <i>Supporting Standard</i>
Unit 6	<b>Investigating the Changing Earth</b> <b>4.7B</b> Observe and identify slow changes to Earth’s surface caused by weathering, erosion, and deposition from water, wind and ice.
Unit 7	<b>Investigating Weather &amp; the Water</b> <b>4.8A</b> Measure, record, and predict changes in weather. <i>Supporting Standard</i> <b>4.8B</b> Describe and illustrate the continuous movement of water above and on the surface of Earth through the water cycle and explain the role of the Sun as a major source of energy in this process. <i>Supporting Standard</i>
Unit 8	<b>Investigating Patterns of the Earth</b> <b>4.8C</b> Collect and analyze data to identify sequences and predict patterns of change in shadows, seasons, and the observable appearance of the Moon over time. <i>Supporting Standard</i>
Unit 9	<b>Investigating Energy flow in Living Systems</b> <b>4.9A</b> Investigate that most producers need sunlight, water, and carbon dioxide to make their own food, while consumers are dependent on other organisms for food. <b>4.9B</b> Describe the flow of energy through food webs, beginning with the Sun, and predict how changes in the ecosystem affect the food web.
Unit 10	<b>Investigating Structure &amp; Behaviors of Organisms</b> <b>4.10A</b> Explore how structures and functions enable organisms to survive in their environment. <b>4.10B</b> Explore and describe examples of traits that are inherited from parents to offspring such as eye color and shapes of leaves and behaviors that are learned such as reading a book and a wolf pack teaching their pups to hunt effectively.
Unit 11	<b>Investigating Life Cycles</b> <b>4.10C</b> Explore, illustrate, and compare life cycles in living organisms such as beetles, crickets, radishes, or lima beans.