

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
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29	30	31				

September 2021						
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October 2021						
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November 2021						
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December 2021						
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January 2022						
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23	24	25	26	27	28	29
30	31					

SCUC - Grade 1 Science	
Pacing Calendar 2021-2022	
*	STAAR Testing
[ ]	First/Last Instructional Days
	Student/Staff Holiday
-----	Staff Development/Workday PLC
	Early Release Days
	Inclement Weather Make-up Day
Intro	<b>Working Like a Scientist</b> 1.1A, 1.2B, 1.2C, 1.4A
Unit 1	<b>Investigating Properties of Objects</b> 1.5ABC (1.2BC)
Unit 2	<b>Investigating Energy</b> 1.6A (1.2E)
Unit 3	<b>Investigating How Objects Move</b> 1.6BC (1.2BCD)
Unit 4	<b>Investigating Rocks, Soil, &amp; Water</b> 1.7ABC
Unit 5	<b>Investigating Objects in the Sky</b> 1.8BC (1.2CDE)
Unit 6	<b>Investigating Weather &amp; Seasons</b> 1.8ACD (1.2BCD)
Unit 7	<b>Investigating Organisms &amp; Environments</b> 1.9ABC
Unit 8	<b>Investigating Physical Characteristics of Organisms</b> 1.10AB
Unit 9	<b>Investigating Life Cycles</b> 1.10CD

<b>Process standards: 1.1-1.4 are embedded throughout instruction of the content. Detailed specificity per unit is located on the TRS Unit IFDs.</b>		
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



February 2022						
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27	28					

March 2022						
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April 2022						
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May 2022						
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29	30	31				

June 2022						
S	M	T	W	T	F	S
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July 2022						
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<b>Intro</b>	<p><b>Working Like a Scientist</b></p> <p><b>1.1A</b> Identify, discuss, and demonstrate safe and healthy practices as outlined in Texas Education agency-approved safety standards during classroom and outdoor investigations, including wearing goggles, washing hands and using materials appropriately.</p> <p><b>1.2B</b> Plan and conduct simple descriptive investigations.</p> <p><b>1.2C</b> Collect data and make observations using simple tools.</p> <p><b>1.4A</b> Collect, record and compare information using tools, including computers, hand lenses, primary balances, cups ], bowls, magnets, collecting nets, notebooks, and safety goggles or chemical splash goggles, as appropriate; timing devices; non-standard measuring items; <del>weather instruments such as demonstration thermometers and wind socks;</del> and materials <del>aquariums and terrariums.</del></p>
<b>Unit 1</b>	<p><b>Investigating Properties of Objects</b></p> <p><b>1.5A</b> Classify objects by observable properties such as larger and smaller, heavier and lighter, shape, color, and texture.</p> <p><b>1.5B</b> Predict and identify changes in materials caused by heating and cooling.</p> <p><b>1.5C</b> Classify objects by the materials from which they are made.</p> <p><b>1.2B</b> Plan and conduct simple descriptive investigations.</p> <p><b>1.2C</b> Collect data and make observations using simple tools.</p>
<b>Unit 2</b>	<p><b>Investigating Energy</b></p> <p><b>1.6A</b> Identify and discuss how different forms of energy such as light, thermal, and sound are important to everyday life.</p> <p><b>1.2E</b> Communicate observations and provide reasons for explanations using student-generated data from simple descriptive investigations.</p>
<b>Unit 3</b>	<p><b>Investigating How Objects Move</b></p> <p><b>1.6B</b> Predict and describe how a magnet can be used to push or pull an object.</p> <p><b>1.6C</b> Demonstrate and record the ways that objects can move such as in a straight line, zig zag, up and down, back and forth, round and round, and fast and slow.</p> <p><b>1.2B</b> Plan and conduct descriptive investigations.</p> <p><b>1.2C</b> Collect data and make observations using simple tools.</p> <p><b>1.2D</b> Record and organize data using pictures, numbers and words.</p>
<b>Unit 4</b>	<p><b>Investigating Rocks, Soil, &amp; Water</b></p> <p><b>1.7A</b> Observe, compare, describe, and sort components of soil by size, texture, and color.</p> <p><b>1.7B</b> Identify and describe a variety of natural sources of water, including streams, lakes, and oceans.</p> <p><b>1.7C</b> Identify how rocks, soil, and water are used to make products.</p>
<b>Unit 5</b>	<p><b>Investigating Objects in the Sky</b></p> <p><b>1.8B</b> Observe and record changes in the appearance of objects in the sky such as the Moon and stars, including the Sun.</p> <p><b>1.8C</b> Identify characteristics of <del>the seasons of the year and</del> day and night.</p> <p><b>1.2C</b> Collect data and make observations using simple tools.</p> <p><b>1.2D</b> Record and organize data using pictures, numbers, and words.</p> <p><b>1.2E</b> Communicate observations and provide reason for explanations using student generated data for simple descriptive investigations.</p>
<b>Unit 6</b>	<p><b>Investigating Weather &amp; Seasons</b></p> <p><b>1.8A</b> Record weather information, including relative temperature such as hot or cold, clear or cloudy, calm or windy, and rainy or icy.</p> <p><b>1.8C</b> Identify characteristics of the seasons of the year <del>and day and night.</del></p> <p><b>1.8D</b> Demonstrate that air is all around us and observe that wind is moving air.</p> <p><b>1.2B</b> Plan and conduct simple descriptive investigations.</p> <p><b>1.2C</b> Collect data and make observations using simple words.</p> <p><b>1.2D</b> Record and organize data using pictures, numbers and words.</p>
<b>Unit 7</b>	<p><b>Investigating Organisms &amp; Environments</b></p> <p><b>1.9A</b> Sort and classify living and nonliving things based upon whether they have basic needs and produce offspring.</p> <p><b>1.9B</b> Analyze and record examples of interdependence found in various situations such as terrariums and aquariums or pet and caregiver.</p> <p><b>1.9C</b> Gather evidence of interdependence among living organisms such as energy transfer through food chains or animals using plants for shelter.</p>
<b>Unit 8</b>	<p><b>Investigating Physical Characteristics of Organisms</b></p> <p><b>1.10A</b> Investigate how the external characteristics of an animal are related to where it lives, how it moves, and what it eats.</p> <p><b>1.10B</b> Identify and compare the parts of plants.</p>
<b>Unit 9</b>	<p><b>Investigating Life Cycles</b></p> <p><b>1.10C</b> Compare ways that young animals resemble their parents.</p> <p><b>1.10D</b> Observe and record life cycles of animals such as a chicken, frog, or fish.</p>