

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 - Kinder 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	Working Like a Scientist K.1 & K.4
Unit 1	Exploring Properties of Objects K.5AB (K.2CD)
Unit 2	Exploring Energy K.6A (K.2E)
Unit 3	Exploring Position and Motion K.6BCD
Unit 4	Exploring Earth Materials K.7ABC
Unit 5	Exploring Weather K.8AC
Unit 6	Observing Objects in the Sky K.8BC
Unit 7	Describing Seasons K.8AB
Unit 8	Exploring Organisms & Environments K.9AB
Unit 9 Unit 10	Exploring Physical Characteristics of Organisms and Plant Life Cycles K.10ABCD

Process standards: K.1-K.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



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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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>K.1</b> Scientific investigation and reasoning. The student conducts classroom and outdoor investigations following home and school safety procedures and uses environmentally appropriate and responsible practices.</p> <p><b>K.4</b> Scientific investigation and reasoning. The student uses age-appropriate tools and models to investigate the natural world.</p>
<b>Unit 1</b>	<p><b>Exploring Properties of Objects</b></p> <p><b>K.5A</b> Observe and record properties of objects, including bigger or smaller, heavier or lighter, shape, color, and texture.</p> <p><b>K.5B</b> Observe, record, and discuss how materials can be changed by heating or cooling.</p> <p><b>K.2C</b> Collect data and make observations using simple tools.</p> <p><b>K.2D</b> Record and organize data and observations using pictures, numbers, and words.</p>
<b>Unit 2</b>	<p><b>Exploring Energy</b></p> <p><b>K.6A</b> Use the senses to explore different forms of energy such as light, thermal, and sound.</p> <p><b>K.2E</b> Communicate observations about simple descriptive investigations.</p>
<b>Unit 3</b>	<p><b>Exploring Position and Motion</b></p> <p><b>K.6B</b> Explore interactions between magnets and various materials.</p> <p><b>K.6C</b> Observe and describe the location of an object in relation to another such as above, below, behind, in front of, and beside.</p> <p><b>K.6D</b> Observe and describe the ways that objects can move such as in a straight line, zigzag, up and down, back and forth, round and round, and fast and slow.</p>
<b>Unit 4</b>	<p><b>Exploring Earth Materials</b></p> <p><b>K.7A</b> Observe, describe, and sort rocks by size, shape, color, and texture.</p> <p><b>K.7B</b> Observe and describe physical properties of natural sources of water, including color and clarity.</p> <p><b>K.7C</b> Give examples of ways rocks, soil, and water are useful.</p>
<b>Unit 5</b>	<p><b>Exploring Weather</b></p> <p><b>K.8A</b> Observe and describe weather changes from day to day <del>and over seasons</del>.</p> <p><b>K.8C</b> Observe, describe, and illustrate objects in the sky such as the clouds, <del>Moon,</del> and stars, including the Sun.</p>
<b>Unit 6</b>	<p><b>Observing Objects in the Sky</b></p> <p><b>K.8B</b> Identify events that have repeating patterns, including <del>season of the year and</del> day and night.</p> <p><b>K.8C</b> Observe, describe, and illustrate objects in the sky such the <del>clouds,</del> Moon, and stars, including Sun.</p>
<b>Unit 7</b>	<p><b>Describing Seasons</b></p> <p><b>K.8A</b> Observe and describe weather changes from day to day and over seasons.</p> <p><b>K.8B</b> Identify events that have repeating patterns, including seasons of the year and day and night.</p>
<b>Unit 8</b>	<p><b>Exploring Organisms and Environments</b></p> <p><b>K.9A</b> Differentiate between living and nonliving things based upon whether they have basic needs and produce offspring.</p> <p><b>K.9B</b> Examine evidence that living organisms have basic needs such as food, water, and shelter for animals and air, water, nutrients, sunlight, and space for plants.</p>
<b>Unit 9 &amp; 10</b>	<p><b>Exploring Physical Characteristics of Organisms and Plant Life Cycles</b></p> <p><b>K.10A</b> Sort plants and animals into groups based on physical characteristics such as color, size, body covering, or leaf shape.</p> <p><b>K.10B</b> Identify basic parts of plants and animals.</p> <p><b>K.10C</b> Identify ways that young plants resemble the parent plant.</p> <p><b>K.10D</b> Observe changes that are part of a simple life cycle of a plant: seed, seedling, plant, flower, and fruit.</p>