				ol Key				
• Split: This Standard of Learning has been <i>split</i> into more than one nine-week block.				<ul> <li>Incorporate: <i>Incorporate</i> this skill into the daily routine.</li> <li>Review: This skill was taught for mastery in a previous nine-week block. Continue to <i>review</i> this mastered skill, with heavy emphasis, in the listed nine-week block.</li> </ul>				
© Integrate: This skill should NOT be taught in isolation. <i>Integrate</i> the skill into daily lessons. First Nine Weeks – embed 2.1 throughout the year after the initial inf								
Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9
		nderstanding of scien	tific and	2.1 a-m <sup>(2)</sup> ® Scientific Investigation, Reasoning, and Logic				
engineering practic	•							
	tions and defining proble s that can be investigated			U	nit 3 – All About	Animals		
make predic	tions based on observation	ons and prior experience		2.:	5 Living Systems			
	mple problem that can be	e solved through the deve	elopment of a new tool		0 1			
or improved object b) planning and	d carrying out investigati	ons			he student will in			ving things are
		ple investigations to pro-	duce data		rt of a system. K			
use appropri	ate tools to measure leng	gth, weight, and temperat			plants and anima	ls are interdepender	nt with their living	and nonliving
using U.S. Customary		- -		b)	rroundings;	at provides all of it	s basic needs: and	
	e intervals using proper			<ul> <li>c) habitats change over time due to many influences.</li> <li>2.4 Life Processes</li> <li>The student will investigate and understand that plants and animals undergo a series of orderly changes as they grow and</li> </ul>				
	analyzing, and evaluatir l represent data in pictog							
		pictographs and bar graphs	phs					
d) constructing	and critiquing conclusion	ons and explanations						
	e conclusions based on d							
	between opinion and evic							
	<ul> <li>recognize unusual or unexpected results</li> <li>developing and using models</li> </ul>			develop. Key ideas include a) animals have life cycles; and				
		nenomena and natural pro	ocesses	b) plants have life cycles.				
f) obtaining, e	valuating, and communic	cating information						
	communicate observations and data using simple graphs, drawings, numbers,							
speech, and/or writing								
2.5 Living Systems	s							
		erstand that living the	hings are part of a					
system. Key ideas i		8	8 I					
		nt with their living and no	onliving surroundings;					
	b) an animal's habitat provides all of its basic needs; and							
c) habitats char	nge over time due to mar	ny influences.						

	bol Key					
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© <b>Integrate:</b> This skill should NOT be taught in isolation. <i>Integrate</i> the skill into daily lessons.	<b>® Review:</b> This skill was taught for mastery in a previous nine-week block. Continue to <i>review</i> this mastered skill, with heavy emphasis, in the listed nine-week block.					
Second Nine Weeks – embed 2.1 with each unit – students should have	ve at least 1 lab per unit					
Week 1   Week 2   Week 3   Week 4	Week 5Week 6Week 7Week 8Week 9					
2.1 The student will demonstrate an understanding of scientific and engineering practices	<ul> <li>2.1 a-m <sup>(c)</sup> <sup>(e)</sup> Scientific Investigation, Reasoning, and Logic</li> <li>Unit 5 Environments for Living Things</li> <li>2.8 Earth Resources</li> <li>The student will investigate and understand that plants are important natural resources. Key ideas include</li> </ul>					
Unit 4 All About Plants						
Finish 2.4 if needed – Animal and Plant Life Cycles.						
2.5 Living Systems						
<ul> <li>The student will investigate and understand that living things are part of a system. Key ideas include <ul> <li>a) plants and animals are interdependent with their living and nonliving surroundings;</li> <li>b) an animal's habitat provides all of its basic needs; and</li> <li>c) habitats change over time due to many influences.</li> </ul> </li> </ul>						

Symb	ol Key					
Split: This Standard of Learning has been <i>split</i> into more than one nine-week block.	□ Incorporate: <i>Incorporate</i> this skill into the daily routine.					
© Integrate: This skill should NOT be taught in isolation. Integrate the skill into daily	(B) Review: This skill was taught for mastery in a previous nine-week block. Continue to					
lessons.	review this mastered skill, with heavy emphasis, in the listed nine-week block.					
Third Nine Weeks - continue to embed 2.1 with each unit - Students	ts should have at least 1 lab per unit					
Week 1 Week 2 Week 3 Week 4	Week 5 Week 6 Week 7 Week 8 Week 9					

			Symbo	ol Key				
Split: This Standard of Learning has been <i>split</i> into more than one nine-week block.				□ Incorporate:	Incorporate this sl	kill into the daily ro	outine.	
© <b>Integrate:</b> This skill should NOT be taught in isolation. <i>Integrate</i> the skill into daily lessons.				<b>® Review:</b> This skill was taught for mastery in a previous nine-week block. Continue to <i>review</i> this mastered skill, with heavy emphasis, in the listed nine-week block.				
Fourth Nine Weeks - continue to embed 2.1 with each unit – Students sl								
Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9
2.1 The student will demonstrate an understanding of scientific and engineering practices			2.1 The student will demonstrate an understanding of scientific and engineering practices					
2. 3 The in differ a) matter b) solids, c) heating	hanges in Matter student will investigate ent phases. Key ideas in has mass and takes up space liquids, and gases have dif and cooling can change th	nclude ce; ferent characteristics; ar ne phases of matter.		forces a) force b) some a distan	e student will inv may cause an ob es from direct conta e forces, including s	<b>ject's motion to</b> let can cause an obj gravity and magnet	derstand that dif change. Key ide: ect to move; ism, can cause obje	as include
The conception of the conception of the conception of the concept applied of the conce	of changes specific to Second ot of force continues to devel pull) or can occur over a dis in second grade. s placed on change to includ to both living systems and E moved to third grade to sup recognized explicitly as a na to f matter is explicitly defin	op as students learn that tance (magnetism and gra le that changes can happe arth processes. oport adaptations. tural resource.	avity). The term force is					