

1<sup>st</sup> 9-Weeks3<sup>rd</sup> Grade

Subject: Science

Standards		Resources	Dates Taught
<b>SPI 0307.1.1</b>	Identify specific parts of a plant and describe their function	<p><b>Resources in print:</b></p> <ul style="list-style-type: none"> <li>• Textbook Chapter 1 pg. 10-51</li> </ul> <p><b>Websites:</b></p> <ul style="list-style-type: none"> <li>•www.kathimitchell.com/cells.html</li> <li>•www.exploratorium.edu/</li> <li>•www.enchantedlearning.com/subjects/plants/</li> </ul> United Streaming BrainPop JR. <p><b>Videos:</b></p> <ul style="list-style-type: none"> <li>• Bill Nye video –Cells</li> </ul> <p><b>Resources in print:</b></p> <ul style="list-style-type: none"> <li>• Textbook chapter 1 pgs. 26-49</li> <li>• Frog Life Cycle and Butterfly Life Cycle rubber stamps –Teacher Catalogs</li> </ul> <p><b>Websites:</b></p> United Streaming BrainPop JR. <p><b>Videos:</b></p> <ul style="list-style-type: none"> <li>• United Streaming –Plant Life Cycles</li> </ul> <p><b>Resources in Print:</b></p> <ul style="list-style-type: none"> <li>• Textbook Chapter 2 pgs. 52-93</li> </ul> <p><b>Websites:</b></p> United Streaming BrainPop JR.	
<b>SPI 0307.4.1</b>	Select an illustration that shows how an organism changes as it develops		
<b>SPI 0307.4.2</b>	Distinguish between characteristics that are transmitted from parents to offspring and those that are not		
<b>SPI 0307.2.1</b>	Distinguish between living and non-living things		
<b>SPI 0307.2.2</b>	Determine how plants and animals compete for resources such as food, space, water, air, and shelter		
<b>SPI 0307.3.1</b>	Identify the basic needs of plants and animals		
<b>SPI 0307.3.2</b>	Recognize that animals obtain their food by eating plants and animals		

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<b>SPI 0307.5.1</b>	Investigate an organism's characteristics and evaluate how these features enable it to survive in a particular environment	<b>Resources in print:</b> • Textbook chapters 2-3 pgs. 52-132  <b>Websites:</b> United Streaming BrainPop JR.		
<b>SPI 0307.5.2</b>	Investigate populations of different organisms and classify them as thriving, threatened, endangered, or extinct			
<b>SPI 0307.5.3</b>	Match the organism with evidence of its prior existence			
<b>SPI 0307.6.1</b>	Identify the major components of the solar system, i.e., sun, planets and moons	<b>Resources in print:</b> • Textbook chapter 4 pg. 142-183 <b>Websites:</b> United Streaming BrainPop JR.  <b>Resources in print:</b> • Textbook chapter 5 pgs. 184- 227  <b>Websites:</b> United Streaming BrainPop JR.		
<b>SPI 0307.7.1</b>	Classify landforms and bodies of water according to their geological features and identify them on a map			
<b>SPI 0307.7.2</b>	Describe how rocks can be classified according to their physical characteristics			
<b>SPI 0307.7.3</b>	Identify an object as natural or manmade			
<b>SPI 0307.7.4</b>	Determine methods for conserving natural resources			
<b>SPI 0307.8.1</b>	Choose the correct tool for measuring a particular atmospheric condition		<b>Resources in print:</b> • Textbook chapter 6 pgs. 228-262  <b>Websites:</b> United Streaming BrainPop JR.	
<b>SPI 0307.8.2</b>	Match major cloud types with specific atmospheric conditions			

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<b>SPI 0307.9.1</b>	Describe a substance in terms of its physical properties	<b>Resources in print:</b> • Textbook chapter 7 pgs. 276-317  <b>Websites:</b> United Streaming BrainPop JR.	
<b>SPI 0307.9.2</b>	Identify methods for separating different types of mixtures		
<b>SPI 0307.10.1</b>	Use an illustration to identify various sources of heat energy	<b>Resources in print:</b> • Textbook chapter 8 pgs. 318-331  <b>Websites:</b> United Streaming BrainPop JR.	
<b>SPI 0307.10.2</b>	Classify materials according to their ability to conduct heat		
<b>SPI 0307.11.1</b>	Identify how the direction of a moving object is changed by an applied force	<b>Resources in print:</b> • Textbook chapter 9 pgs. 350-383  <b>Websites:</b> United Streaming BrainPop JR.	
<b>SPI 0307.11.2</b>	Demonstrate how changing the mass affects a balanced system		
<b>SPI 0307.11.3</b>	Distinguish between pitch and volume	<b>Resources in print:</b> • Textbook chapter 8 pgs. 332-361  <b>Websites:</b> United Streaming BrainPop JR.	
<b>SPI 0307.11.4</b>	Identify how sounds with different pitch and volume are produced		
<b>SPI 0307.12.1</b>	Recognize that magnets can move objects without touching them	<b>Resources in print:</b> • Textbook chapter 9 pgs. 372-381  <b>Websites:</b> United Streaming BrainPop JR.	
<b>SPI 0307.12.2</b>	Identify objects that are attracted to magnets		

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"See Ongoing Skills"