

Saint Theresa of Avila School- West Roxbury, MA

Curriculum Maps

Subject: Science	Grade: First Grade
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Time Frame	Essential Question	Topic	Content	Resources	Assessments	Standards
September	What are the essential parts of a plant that help it grow, survive and/or produce more plants?	Life Science: Living Things	<ol style="list-style-type: none"> 1. Apple exploration 2. Pumpkin exploration 	<p>Apples</p> <p>Pumpkins</p> <p>Science Notebook</p> <p>Hand Lens</p> <p>Measuring Tools</p>	<p>Teacher Observation</p> <p>Labeling Plant Parts</p> <p>Lifecycle Diagram</p>	<p>1.LS1-1.B</p> <p>1.LS3-1</p>
October	What are the essential parts of a plant that help it grow, survive and/or produce more plants?	Life Science: Living Things	<ol style="list-style-type: none"> 3. Apple exploration 4. Pumpkin exploration 	<p>Apples</p> <p>Pumpkins</p> <p>Science Notebook</p> <p>Hand Lens</p> <p>Measuring Tools</p>	<p>Teacher Observation</p> <p>Labeling Plant Parts</p> <p>Lifecycle Diagram</p>	<p>1.LS1-1.B</p> <p>1.LS3-1</p>
November	How do animals use their body parts and senses to	Life Science: Living Things	<ol style="list-style-type: none"> 1. Animal Groups 2. Camouflage (Skin, Fur, Feathers) 3. Beak Shape 	<p>Animal Group</p> <p>Anchor Chart</p>	<p>Teacher Observation</p>	<p>1.LS1-1.A</p> <p>1.LS1-2</p>

	survive in their environment?		4. Feet	Photographs for observation Nonfiction texts	Writing: My adaptation helps me survive ____	
December	How does the weather change from season to season? What causes day and night?	Earth & Space Sciences	1. Seasons 2. Changing of Seasons 3. Sun 4. Moon	Day/Night Clock Shoebox, Flashlight, Clay, Glow-in-the-dark Star (Experiment) Moon Journal	Teacher Observation Moon Journal Writing: Seasons Chapter Test	1-ESS1-1 1-ESS1-2
January		Life Science: Penguins	1. Penguin Exploration a. Lifecycle b. Habitat c. Body parts d. How their feathers protect them in their environment	Nonfiction text Photos	Teacher Observation Lifecycle Diagram	1.LS1-1. 1.LS1-2 1.LS3-1
February	How do we use energy?	Physical Science	1. Sound 2. Light 3. Build a device that uses light or sound	Desk, string, blocks (Making Sound Experiment) Flashlight, different paper (How does light travel? Experiment) Flashlight, plastic cup, water, milk, plastic spoon, construction paper (How does light move through water? Experiment)	Teacher Observation Prediction & Reflection	1-PS4-1 1-PS4-3 1-PS4-4 1.K-2-ETS1-2

<p>March</p>	<p>How do we use energy?</p>	<p>Physical Science</p>	<ol style="list-style-type: none"> 1. Sound 2. Light 3. Build a device that uses light or sound 	<p>Desk, string, blocks (Making Sound Experiment)</p> <p>Flashlight, different paper (How does light travel? Experiment)</p> <p>Flashlight, plastic cup, water, milk, plastic spoon, construction paper (How does light move through water? Experiment)</p>	<p>Teacher Observation</p> <p>Prediction & Reflection</p>	<p>1-PS4-1 1-PS4-3 1-PS4-4 1.K-2-ETS1-2</p>
<p>April</p>		<p>Life Science: Sea Animals</p>	<ol style="list-style-type: none"> 1. Sea Animal Exploration <ul style="list-style-type: none"> ● Animal Group ● Habitat ● Diet ● Looks like ● Fun Facts 	<p>Nonfiction Texts</p> <p>Graphic Organizers</p> <p>Pictures</p> <p>Sea Animal Group Anchor Chart</p>	<p>Teacher Observation</p> <p>Classification of sea animal</p> <p>Nonfiction Books</p>	<p>1.LS1-1. 1.LS1-2 1.LS3-1</p>
<p>May</p>		<p>Life Science: Sea Animals</p>	<ol style="list-style-type: none"> 1. Sea Animal Exploration <ul style="list-style-type: none"> ● Animal Group ● Habitat ● Diet ● Looks like ● Fun Facts 	<p>Nonfiction Texts</p> <p>Graphic Organizers</p> <p>Pictures</p> <p>Sea Animal Group Anchor Chart</p>	<p>Teacher Observation</p> <p>Classification of sea animal</p> <p>Nonfiction Books</p>	<p>1.LS1-1. 1.LS1-2 1.LS3-1</p>
<p>June</p>						

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