

SAINT JOSEPH ELEMENTARY SCHOOL

<i>Month &</i>	<i>Content</i>	CONTENT		CATHOLIC IDENTITY	STANDARDS
		<i>Essential Questions</i>	<i>Books & Materials</i>	<i>Essential Questions</i>	
SEPTEMBER					
<i>Weather Observations</i>	Graph and discuss weather observations. Exploring our natural surroundings through our senses.	What information can we gain from data?	Sample graphs, tools to measure weather (thermometers), <i>What Will the Weather Be Like Today?</i> by Paul Rogers, Brainpop videos	How do various weather patterns help to change or improve God's world?	K-Earthø System. 2-1
OCTOBER					
<i>Continue weather observations. Introduce what living things need</i>	Continue to graph and discuss weather observations, and exploring surroundings through five senses. Observe and communicate that animals, plants, and people need food and light to live and grow and observe these changes over time.	Why do trees and animals change in the fall months?	Sample graphs, tools to measure weather (thermometers), Brainpop videos	How do we take care of ourselves and other living things?	K-Earthø System. 2-1 K-Life Science. 1-1, 1-2
NOVEMBER					
<i>What weather and seasonal changes occur in late fall?</i>	The season of winter- how people, plants, and animals change and adapt in the winter. Graph and discuss weather observations. Exploring our natural surroundings through our senses. Observe and communicate that animals, plants, and people need food and light to live and grow and observe these changes over time.	How have animals and trees changed in preparation for the winter?	Brainpop videos, <i>A Tree for All Seasons</i> by Robin Bernard, <i>The Seasons of Arnold's Apple Tree</i> by Gail Gibbons, Charts to record weather patterns	Why did God give us seasons?	K-Earthø System. 2-1 K-Life Science. 1-1, 1-2
DECEMBER					
<i>What weather and seasonal changes occur in winter?</i>	The season of winter- how people, plants, and animals change and adapt in the winter. Graph and discuss weather observations. Exploring our natural surroundings through our senses. Observe and communicate that animals, plants, and people need food and light to live and grow and observe these changes over time.	What keeps animals, people, plants safe from the weather in winter? How do our five senses help us to explore the world?	Brainpop videos, <i>Animals in Winter</i> by Hentietta Bancroft, <i>A Little Bit of Winter</i> by Paul Stewart	How did animals help and prepare for Jesus' birth?	K-Earthø System. 2-1 K-Life Science. 1-1, 1-2
JANUARY					
<i>Living things adapting to winter.</i>	The season of winter- how people, plants, and animals change and adapt in the winter. Graph and discuss weather observations. Exploring our natural surroundings through our senses. Observe and communicate that animals, plants, and people need food and light to live and grow and observe these changes over time.	What keeps animals, people, plants safe from the weather in winter?	Brainpop videos, More nonfiction and fiction texts about winter, Solar System texts by Seymour Simon and Gail Gibbons	Winter and rebirth, awaiting new life. How does this connect to Jesus?	K-Earthø System. 2-1 K-Life Science. 1-1, 1-2

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FEBRUARY						
<i>Shadows</i>	Understanding the relationship between a light source, an object, and surface to create a shadow. Graph and discuss weather observations. Exploring our natural surroundings through our senses. Observe and communicate that animals, plants, and people need food and light to live and grow and observe these changes over time.	How does the rotation of the Earth effect the projection of sunlight?	Brainpop videos, <i>Groundhog Day</i> by Gail Gibbons, <i>What Makes A Shadow?</i> by Claude Robert Bulla	Why is light important in God's world?	K-Energy. 3-1 K-Earth's System. 2-1 K-Life Science. 1-1, 1-2	
MARCH						
<i>What's the matter?</i>	Understanding that all objects have a characteristic as solid, liquid, or gas. Graph and discuss weather observations. Exploring our natural surroundings through our senses. Observe and communicate that animals, plants, and people need food and light to live and grow and observe these changes over time.	What would change an object's state of matter? Understanding adding cold or heat changes matter of an object.	Brainpop video, EIE Play-dough kit	What are examples of solids, liquids, and gases in God's world?	K-Matter and it's Interactions. 1-1 K-Earth's System. 2-1	
APRIL						
<i>Conserve natural resources. Changing human behavior.</i>	Discuss solutions to reduce the amount of natural resources an individual uses. Graph and discuss weather observations. Exploring our natural surroundings through our senses. Observe and communicate that animals, plants, and people need food and light to live and grow and observe these changes over time.	What are ways we can help the environment?	Brainpop videos, <i>The Earth Book</i> by Todd Parr, <i>The Lorax</i> by Dr. Seuss	Why is it important to take care of God's world?	K-Earth and Human Activity- 3-3 K-Earth's System. 2-1 K-Life Science. 1-1, 1-2	
MAY						
<i>Forces that move objects.</i>	Compare the effects of different forces. Graph and discuss weather observations. Exploring our natural surroundings through our senses. Observe and communicate that animals, plants, and people need food and light to live and grow and observe these changes over time.	Using force, how can you move an object? (i.e. by pushing, pulling, rolling, sliding, add an incline)	Brainpop videos, <i>Sheep in a Jeep</i> by Nancy Shaw, <i>Newton and Me</i> by Lynne Mayer, <i>Motion</i> by Darlene R. Stille	How does God move and guide us?	K-Forces and interactions. 2-1 K-Earth's System. 2-1 K-Life science 1-1, 1-2	
JUNE						
<i>Light</i>	Make observations to determine that sunlight warms materials on Earth's surface. Graph and discuss weather observations. Exploring our natural surroundings through our senses. Observe and communicate that animals, plants, and people need food and light to live and grow and observe these changes over time.	How can light be absorbed or reflected?	Brainpop videos, <i>My Light</i> by Molly Bang, <i>Light is All Around Us</i> by Wendy Pfeffer	How does God brighten our lives?	K-Energy. 3-1 K-Earth's System. 2-1 K-Life Science. 1-1, 1-2	