

Properties of Matter	Unit	CHECKPOINT		
		1	2	3
K.3 Matter and energy. The student knows that objects have properties and patterns.				

Catholic Identity Standards (Ways to Grow)	
K.1A	recognize that every human life is sacred because each person is created and loved by God*
K.1B	describe ways to take part in/be responsible to the community by discerning and using our God-given gifts*
K.1C	recognize and oppose unjust social structures and work toward justice for all*
K.1D	see God at work in all things and as expressed in the sacraments*
K.1E	connect scripture, tradition, and the models of Mary and the saints to guide, grow, and deepen faith*

Learning Process Standards (Tools to Know)	Unit	CHECKPOINT		
		1	2	3
K.2A plan and conduct investigations				
K.2B collect information using appropriate scientific tools				

Content	Unit	CHECKPOINT		
		1	2	3
Properties of Matter				
K.3A observe and record properties of objects, including bigger or smaller, heavier or lighter, shape, color, and texture				
K.3A.1 observe, record, and discuss how materials can be changed by heating or cooling				

Learning Process Standards (Ways to Show)	Unit	CHECKPOINT		
		1	2	3
K.2C record and organize data and observations				
K.2D communicate observations about investigations				

Force, Motion, and Energy		Unit	CHECKPOINT		
			1	2	3
K.4	Force, motion, and energy. The student knows that energy, force, and motion are related and are a part of their everyday life.				

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			1	2	3
Forms of Energy					
K.4A	use the senses to explore different forms of energy such as light, thermal, and sound				
Magnets					
K.4B	explore interactions between magnets and various materials				
Motion					
K.4C	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				
K.4C.1	observe and describe the location of an object in relation to another such as above, below, behind, in front of, and beside				

Learning Process Standards (Ways to Show)		Unit	CHECKPOINT		
			1	2	3
K.2C	record and organize data and observations				
K.2D	communicate observations about investigations				

Rocks and Water		Unit	CHECKPOINT		
			1	2	3
K.5	Earth and space. The student knows that the natural world includes earth materials and shares concern and care for the environment as a part of God’s creation.*				

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Content		Unit	CHECKPOINT		
			1	2	3
Rocks					
K.5A	observe, describe, and sort rocks by size, shape, color, and texture				
K.5A.1	give examples of ways rocks and soil are useful				
Water					
K.5B	observe and describe physical properties of natural sources of water, including color and clarity				
K.5B.1	give examples of ways water is useful				

Learning Process Standards (Ways to Show)		Unit	CHECKPOINT		
			1	2	3
K.2C	record and organize data and observations				
K.2D	communicate observations about investigations				

Seasons and Space		Unit	CHECKPOINT		
			1	2	3
K.5	Earth and space. The student knows that there are recognizable patterns in the natural world and among objects in the sky and describes God’s relationship with man and nature.*				

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Weather and Seasons					
K.5C	observe and describe weather changes from day to day and over seasons				
K.5C.1	identify events that have repeating patterns, including seasons of the year and day and night				

Space		Unit	1	2	3
K.5D	observe, describe, and illustrate objects in the sky such as the clouds, Moon, and stars, including the Sun				

Learning Process Standards (Ways to Show)		Unit	CHECKPOINT		
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K.2D	communicate observations about investigations				

Basic Needs of Plants and Animals		Unit	CHECKPOINT		
			1	2	3
K.6	Organisms and environments. The student knows that plants and animals have basic needs and depend on the living and nonliving things around them for survival and explains how creation is an outward sign of God’s love.*				

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Living and Nonliving Things					
K.6A	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				
K.6A.1	differentiate between living and nonliving things based upon whether they have basic needs and produce offspring				

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Characteristics of Plants and Animals		Unit	CHECKPOINT		
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K.6	Organisms and environments. The student knows that organisms resemble their parents and have structures and processes that help them survive within their environments.				

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Plants and Animals					
K.6B	sort plants and animals into groups based on physical characteristics such as color, size, body covering, or leaf shape				
K.6B.1	identify basic parts of plants and animals				
K.6B.2	identify ways that young plants resemble the parent plant				
K.6B.3	observe changes that are part of a simple life cycle of a plant: seed, seedling, plant, flower, and fruit				

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