

Catholic Identity Standards									
PK.1 Catholic identity standards. The student understands and integrates the content of what is learned into their faith and daily life. *									
Ways to Grow		PK.1A	recognize that every human life is sacred because each person is created and loved by God*						
		PK.1B	describe ways to take part in/be responsible to the community by discerning and using our God-given gifts*						
		PK.1C	recognize and oppose unjust social structures and work toward justice for all*						
		PK.1D	see God at work in all things and as expressed in the sacraments*						
		PK.1E	connect scripture, tradition, and the models of Mary and the saints to guide, grow, and deepen faith*						
Application & Instructional Focus		Expectation at around 48 Months (4 yrs)		Unit	Expectations at around 60 Months (5 yrs)		Unit	Kindergarten	
Learning Process Tools to Know	PK.2A engage in simple investigations	PK3.2A	identify materials by texture (e.g., smooth/rough, soft/hard)		PK4.2A	make observations, predictions, and ask questions about natural occurrences or events		K.3A	plan and conduct investigations
		PK3.2B	ask questions about objects, tools, and materials and compare, sort, classify, and order objects		PK4.2B	describe, compare, sort, classify, and order objects		K.3B	collect information using appropriate scientific tools
Learning Process Ways to Show	PK.2A engage in simple investigations	PK3.2C	use a variety of simple tools to make investigations		PK4.2C	use a variety of simple tools to make investigations (VI.A.3)			
		PK3.2D	work collaboratively with others		PK4.2D	explore materials, objects, and events and notice cause and effect			
Learning Process Ways to Show	PK.2A engage in simple investigations	PK3.2E	identify the body parts associated with the use of each of the five senses		PK4.2E	describe and communicate observations, results, and ideas		K.3C	record and organize data and observations
					PK4.2F	work collaboratively with others		K.2D	communicate observations about investigations
Learning Process Ways to Show	PK.2A engage in simple investigations				PK4.2G	identify and name the body parts associated with the use of each of the five senses			
					PK4.2H	describe similarities and differences in the environment using the five senses			
Learning Process Ways to Show	PK.2A engage in simple investigations	PK3.3A.1	explore a wide variety of objects and materials		PK4.3A.1	use simple measuring devices to learn about objects (VI.A.3)		K.3A	observe and record properties of objects, including bigger or smaller, heavier or lighter, shape, color, and texture
		PK3.3A.2	describe objects and materials by at least one observable property		PK4.3A.2	observe, investigate, describe and discuss properties and characteristics of common objects (VI.A.1)		K.3A.1	observe, record, and discuss how materials can be changed by heating or cooling
Learning Process Ways to Show	PK.2A engage in simple investigations								
Learning Process Ways to Show	PK.2A engage in simple investigations	PK3.4A.1	identify position and movement of people and objects		PK4.4A.1	observe, investigate, describe, and discuss sources of energy including light, heat, and electricity (VI.A.4)		K.4A	use the senses to explore different forms of energy such as light, thermal, and sound
					PK4.4A.2	observe, investigate, describe, and discuss position and motion of objects (VI.A.2)		K.4B	explore interactions between magnets and various materials
Learning Process Ways to Show	PK.2A engage in simple investigations							K.4C	observe and describe 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, behind, in front of, and beside

*Catholic identity

Teacher Learning Report – Prekindergarten Science

Rocks and Water	PK.5 recognize patterns in the natural world	PK3.5A.1 collect, sort, identify and describe objects in the natural world PK3.5A.2 participate in care for God’s creation*	PK4.5A.1 identify, compare, discuss earth materials, and their properties and uses (VI.C.1) PK4.5A.2 demonstrate the importance of caring for our environment and our planet and participate in care for God’s creation* (VI.C.4)	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 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
Seasons and Space		PK3.5B.1 describe weather changes PK3.5B.2 identify objects in the sky	PK4.5B.1 Identify, observe, and discuss objects in the sky (VI.C.2) PK4.5B.2 observe and describe what happens during changes in the earth and sky (VI.C.3)	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 K.5D observe, describe and illustrate objects in the sky such as the clouds, Moon, and stars, including the Sun
Living and Nonliving	PK.6 know that plants and animals have basic needs and depend on the living and nonliving things around them for survival	PK3.6A.1 describe individual characteristics of self, other living things, and people	PK4.6A.1 observe, investigate, describe, and discuss the characteristics of organisms (VI.B.1) PK4.6A.2 describes life cycles of organisms (VI.B.2)	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
Plants and Animals	explain how creation is an outward sign of God’s love	PK3.6B.1 observe, explore, and describe a variety of living things and where they live	PK4.6B.1 observe, investigate, describe, and discuss the relationship of organisms to their environments (VI.B.3) PK4.6B.2 explain how creation is an outward sign of God’s love* (VI.C.4)	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