

| Catholic Identity Standards   |   |  |      |  |      |                                |
|---|---|--|------|--|------|--------------------------------|
| <b>PK.1 Catholic identity standards.</b> The student understands and integrates the content of what is learned into their faith and daily life. * |   |  |      |  |      |                                |
| <b>Ways to Grow</b>   | 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<br>Tools to Know   | PK.2A<br>engage in simple investigations                      | PK3.2A   |      | PK4.2A                                   |      | K.3A<br>K.3B                   |
|   |   | PK3.2B<br>PK3.2C   |      | PK4.2B<br>PK4.2C<br>PK4.2D               |      |                                |
| Learning Process<br>Ways to Show  |   | PK3.2D<br>PK3.2E   |      | PK4.2E<br>PK4.2F<br>PK4.2G<br>PK4.2H     |      | K.3C<br>K.2D                   |
|   |   |  |      |  |      |                                |
| Matter and Energy   | PK.3<br>know that objects have properties and patterns        | PK3.3A.1<br>PK3.3A.2   |      | PK4.3A.1<br>PK4.3A.2                     |      | K.3A<br>K.3A.1                 |
|   |   |  |      |  |      |                                |
| Motion and Energy   | PK.4<br>know that energy and motion are part of everyday life | PK3.4A.1   |      | PK4.4A.1<br>PK4.4A.2                     |      | K.4A<br>K.4B<br>K.4C<br>K.4C.1 |
|   |   |  |      |  |      |                                |

# Teacher Learning Report – Prekindergarten Science

|                      |  |  |  |   |
|----------------------|--|--|--|---|
| Rocks and Water      | PK.5<br>recognize patterns in the natural world  | PK3.5A.1 collect, sort, identify and describe objects in the natural world<br>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)<br>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<br>K.5A.1 give examples of ways rocks and soil are useful<br>K.5B observe and describe physical properties of natural sources of water, including color and clarity<br>K.5B.1 give examples of ways water is useful   |
| Seasons and Space    |  | PK3.5B.1 describe weather changes<br>PK3.5B.2 identify objects in the sky  | PK4.5B.1 Identify, observe, and discuss objects in the sky (VI.C.2)<br>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<br>K.5C.1 identify events that have repeating patterns, including seasons of the year and day and night<br>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<br>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)<br>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<br>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)<br>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<br>K.6B.1 identify basic parts of plants and animals<br>K.6B.2 identify ways that young plants resemble the parent plant<br>K.6B.3 observe changes that are part of a simple life cycle of a plant: seed, seedling, plant, flower, and fruit |