

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*
---------------------	--

Representation of Whole Numbers

Application & Instructional Focus		Expectation at around 48 Months (4 yrs)	Unit	Expectations at around 60 Months (5 yrs)	Unit	Kindergarten
Counting Skills	PK.3A count to tell the number of objects	PK3.3A.1 experiment with counting concrete objects and actions up to 5		PK4.3A.1 know that objects, or parts of an object, can be counted (V.A.1) PK4.3A.2 count 1-10 items, with one count per item (V.A.3) PK4.3A.3 demonstrate that the order of the counting sequence is always the same, regardless of what is counted (V.A.4) PK4.3A.4 demonstrate understanding that when counting, the items can be chosen in any order (V.A.6) PK4.3A.5 count up to 10 items and demonstrate that the last count indicates how many items were counted (V.A.4) PK4.3A.6 verbally identify, without counting, the number of objects from 1 to 5 (V.A.8) PK4.3A.7 use verbal ordinal terms (V.A.7) PK4.3A.8 use words to rote count from 1 to 30 (V.A.2)		K.3A compose and decompose numbers up to 10 with objects and pictures K.3A.1 count a set of objects up to at least 20 and demonstrate that the last number said tells the number of objects in the set regardless of their arrangement or order K.3A.2 recite numbers up to at least 100 by ones and tens beginning with any given number K.3A.3 recognize instantly the quantity of a small group of objects in organized and random arrangements
	PK3.B know number names and the counting sequence	PK3.3B.1 recite numbers to five or beyond from memory PK3.3B.2 experiment with combination of written representations		PK4.3B.1 recognize, name, and experiment with numerals 0-10 (V.A.5) PK4.3B.2 recognize one-digit numerals, 0-9 (V.A.9)		K.3B read, write, and represent whole numbers from 0 to at least 20 with and without objects or pictures
Patterning	PK3.C recognize and create patterns	PK3.3C.1 recognize and create patterns		PK4.3C.1 recognize and create patterns (V.E.3)		

*Catholic identity

Addition and Subtraction of Whole Numbers						
Adding To/ Taking Away	PK.4 understand addition as putting together and subtraction as taking apart and taking from	PK3.4A.1 experiment with the concepts of putting together and taking from using concrete objects		PK4.4A.1 use concrete objects, creates pictorial models and share a verbal word problem for adding up to 5 objects (V.B.1) PK4.4A.2 use concrete models or make a verbal word problem for subtracting 0-5 objects from a set (V.B.2)		K.4A solve word problems using objects and drawings to find sums up to 10 K.4A.1 model the action of joining to represent addition K.4B solve word problems using objects and drawings to find differences within 10 K.4B.1 model the action of separating to represent subtraction

Geometry and Spatial Sense						
Attributes of One- and Two-Dimensional Figures	PK.6A recognize, describe, and name attributes of shapes	PK3.6A.1 correctly name circles, squares, and triangles PK3.6A.2 recognize circles, squares, and triangles in the environment PK3.6A.3 create shapes using developmentally appropriate materials		PK4.6A.1 explore, identify, and describe shapes (V.C.1) PK4.6A.2 create and represent shapes using developmentally appropriate materials (V.C.2)		K.6A.1 identify two-dimensional shapes, including circles, triangles, rectangles, and squares as special rectangles K.6A.2 identify attributes of two-dimensional shapes using informal and formal geometric language interchangeably K.6A.3 create two-dimensional shapes using a variety of materials and drawings K.6B.1 identify three-dimensional solids, including cylinders, cones, spheres, and cubes, in the real world K.6B.2 identify two-dimensional components of three-dimensional objects
Spatial Sense	PK.6B recognize and name shapes in the environment, regardless of their orientation or overall size	PK3.6B.1 demonstrate use of location words (such as “over,” “under,” “above,” etc.)		PK4.6B.1 demonstrate use of location words (V.C.3) PK4.6B.2 slide, flip, and turn shapes to demonstrate that the shape remains the same (V.C.4)		K.6A classify and sort a variety of regular and irregular two-dimensional shapes regardless of orientation or size K.6B classify and sort a variety of regular and irregular three-dimensional solids regardless of orientation or size
Measurable Attributes	PK.6C describe or demonstrate attributes of persons or objects, such as length, area, capacity or weight	PK3.6C.1 experiment with measurable attributes of everyday objects such as big, little, tall, short, empty, heavy, light PK3.6C.2 experiment with ordering two objects using attributes of big, bigger, long, longer, tall, taller, short, and shorter		PK4.6C.1 recognize and compare heights or lengths of people or objects (V.D.1) PK4.6C.2 recognize and compare weights of objects or people (V.D.3) PK4.6C.3 recognize how much can be placed within an object (V.D.2) PK4.6C.4 use informal strategies to separate up to 10 items into equal groups (V.B.3) PK.6D use language to describe concepts associated with the passing of time (V.D.4)		K.6C compare two objects with a common measurable attribute to see which object has more or less of the attribute and describe the difference K.6C.1 give an example of a measurable attribute of a given object, including length, capacity, and weight

Data Analysis						
Collecting Data	PK.7 collect, sort, categorize, and classify objects	PK3.7A.1 classify objects and count the number of objects in each category		PK4.7A.1 classify objects and count the number of objects in each category (V.E.1) PK4.7A.2 categorize, match, or classify objects (e.g., size, shape, color) (V.E.1) PK4.7A.3 collect data and organize it in a graphic representation (V.E.2)		K.7A draw conclusions from real-object and picture graphs K.7A.1 collect, sort, and organize data into two or three categories K.7A.2 use data to create real-object and picture graphs

No age appropriate standard for Domain 5 (fractions)