

Representation and Comparison of Whole Numbers

K.3 Place value. The student represents and compares whole numbers, the relative position and magnitude of whole numbers, and relationships within the numeration system related to place value.

Unit	CHECKPOINT		
	1	2	3

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)

K.2A determine math needed to solve problems
 K.2B use problem-solving models
 K.2C exhibit joy at solving difficult mathematical problems*

Unit	CHECKPOINT		
	1	2	3

Content

Counting

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

Unit	CHECKPOINT		
	1	2	3

Numbers

K.3B read, write, and represent whole numbers from 0 to at least 20 with and without objects or pictures

Comparing Numbers

K.3C use comparative language to describe two numbers up to 20 presented as written numerals
 K.3C.1 generate a set using concrete and pictorial models that represents a number that is more than, less than, and equal to a given number up to 20
 K.3C.2 generate a number that is one more than or one less than another number up to at least 20

Learning Process Standards (Ways to Show)

K.2D create representations
 K.2E analyze information
 K.2F develop lines of inquiry to determine truth or falsehood*

Unit	CHECKPOINT		
	1	2	3

Addition and Subtraction of Whole Numbers		Unit	CHECKPOINT		
			1	2	3
K.4	Number and operations. The student develops an understanding of addition and subtraction situations in order to solve problems.				

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Learning Process Standards (Tools to Know)		Unit	CHECKPOINT		
			1	2	3
K.2A	determine math needed to solve problems				
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Content		Unit	CHECKPOINT		
			1	2	3
Adding Whole Numbers					
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				
Subtracting Whole Numbers					
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				

Learning Process Standards (Ways to Show)		Unit	CHECKPOINT		
			1	2	3
K.2D	create representations				
K.2E	analyze information				
K.2F	develop lines of inquiry to determine truth or falsehood*				

Geometry		Unit	CHECKPOINT		
			1	2	3
K.6	Geometry and measurement. The student analyzes attributes of two-dimensional shapes and three-dimensional solids to develop generalizations about their properties.				

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			1	2	3
Two-Dimensional Shapes					
K.6A	classify and sort a variety of regular and irregular two-dimensional shapes regardless of orientation or size				
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				

Three-Dimensional Solids					
K.6B	classify and sort a variety of regular and irregular three-dimensional solids regardless of orientation or size				
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				

Learning Process Standards (Ways to Show)		Unit	CHECKPOINT		
			1	2	3
K.2D	create representations				
K.2E	analyze information				
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Measurement		Unit	CHECKPOINT		
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K.6	Geometry and measurement. The student selects and uses common measurable attributes to describe objects.				

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Measurement					
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				

Money					
K.6D	identify U.S. coins by name, including pennies, nickels, dimes, and quarters				

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Data Analysis		Unit	CHECKPOINT		
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K.7	Data analysis. The student organizes data to make it useful for interpreting information and solving problems.				

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Using Data to Solve Problems					
K.7A	draw conclusions from real-object and picture graphs				
K.7A.1	use data to create real-object and picture graphs				
K.7A.2	collect, sort, and organize data into two or three categories				

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