

**Compass/Intervention Probes – Math
Grade - Kindergarten**

Geometry				
RTI Probe	Common Core (NY Performance Indicator)	# of Activities	Support at Previous Grade Levels	Notes
Math K Shapes	K.G* (NY K.G.1)	7		Describe characteristics and the relationships of geometric shapes
Math K 2D Shapes	K.G* (NY 2.G.2)	4		Identify and appropriately name two-dimensional shapes: circle, square, rectangle, and triangle (both regular and irregular).
Math K 2D & 3D Shapes	K.G* (NY 1.G.2)	7		Recognize, Name, describe, create, sort and compare 2D and 3D shapes
Math K Symmetry	K.G* (NY K.G.4)	4		Manipulate 2D and 3D shapes to explore symmetry
Math K Patterns	K.G* (NY K.A.2)	4		Recognize, describe, extend and create patterns that repeat.
Operations and Algebraic Thinking				
RTI Probe	Common Core (NY Performance Indicator)	# of Activities	Support at Previous Grade Levels	Notes
Math K Patterns	K.OA* (NY K.A.2)	4		Recognize, describe, extend and create patterns that repeat.
Math K Addition	K.OA.2 (NY K.N.13)	7		Determine sums by various means.
Math K Subtraction	K.OA.2 (NY K.N.13)	7		Determine differences by various means.

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Counting and Cardinality				
RTI Probe	Common Core (NY Performance Indicator)	# of Activities	Support at Previous Grade Levels	Notes
Math K Count to 20	K.CC.1 (NY K.N.4)	4		Verbally count by 1's to 20.
Math K Counting Objects to 10	K.CC.5 (NY K.N.2)	5		Count out a collection of a specified size 1 to 10.
Math K More, Less,	K.CC.6 (NY K.N.10)	3		Visually determine how many more or less, and then using the verbal counting sequence, match and count (1 to 10)
Math K More, Less, Same & Graphing	K.CC.6 (NY K.S.5)	8		Identify more, less and same amounts.
Math K Number Before, After, Between	K.CC.2 (NY 1.N.20)	5		Name the number before and the number after a given number, and name the number(s) between two given numbers up to 100 (with and without the use of a number line or a hundreds chart).
Measurement and Data				
RTI Probe	Common Core (NY Performance Indicator)	# of Activities	Support at Previous Grade Levels	Notes
Math K Measuring Objects	K.MD.2 (NY K.M.2)	4		Compare the length of 2 objects by representing each length with non-standard unit.
Math K Simple Pictographs	K.MD* (NY K.S.2)	6		Help to make simple pictographs for quantities up to 10, where one picture represents 1.
Math K Sort and Organize	K.MD.3, K.G.4 (NY K.S.3)	6		Sort and organize objects by attributes.

* Not specific Common Core Language but need these skills to scaffold within the cluster.