

Compass/Intervention Probes – Math Grade – 2nd

Operations and Algebraic Thinking				
RTI Probe	Common Core (NY Performance Indicator)	# of Activities	Support at Previous Grade Levels	Notes
Math 2 Odd or Even	2.OA.3 (NY 2.N.14)	5		Use concrete materials to justify a number as odd or even.
Math 2 Odd and Even Numbers	2.OA.3 (NY 3.N.16)	6		Identify odd and even numbers
Math 2 Strategies for Add. & Sub.	2.OA.2 (NY 2.N.15)	10		Determine sums and differences of number sentences by various means (e.g., families, related facts, inverse operations, addition doubles, and doubles plus one).
Numbers and Operations in Base 10				
RTI Probe	Common Core (NY Performance Indicator)	# of Activities	Support at Previous Grade Levels	Notes
Math 2 Compare & Order Numbers to 100	2.NBT. 4 (NY 2.N.5)	6	1 st	Compare and order numbers to 100.
Math 2 Compare & Order Numbers to 1000	2.NBT. 4 (NY3.N.3)	6		Compare and order numbers to 1,000
Math 4 Read & Write Numbers to 10,000	2.NBT.2 (NY 4.N.2)	11		Read and write whole number to 10,000
Math 2 >, <, = to 100	2.NBT.4 (NY 2.A.1)	4		Use the symbols <, >, = (with and without the use of a number line) to compare whole numbers up to 100.
Math 2 Number Patterns to 100	2.NBT* (NY 2.A.2)	7	1 st	Describe and extend increasing or decreasing (+,-) sequences and patterns (numbers or objects up to 100).
Math 2 Place Value 100's, 10's & 1's	2.NBT.4 (NY 2.N.6)	5	1 st	Develop an understanding of the base ten system: 10 ones = 1 ten, 10 tens = 1 hundred, and 10 hundreds = 1 thousand.

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Math 2 Addition within 100	2.NBT.6 (NY 2.N.16)	3	1 st	Use a variety of strategies to solve addition problems using one- and two-digit numbers with and without regrouping.
Math 2 Subtraction within 100	2.NBT.5 (NY 2.N.16)	4	1 st	Use a variety of strategies to solve subtraction problems using one- and two-digit numbers with and without regrouping.
Math 2 Whole Numbers to 1000	2.NBT. 3 (NY 3.N.2)	5		Read and write whole numbers to 1,000
Measurement and Data				
RTI Probe	Common Core (NY Performance Indicator)	# of Activities	Support at Previous Grade Levels	Notes
Math 2 Measurement - Standard Units	2.MD.1 (NY 2.M.2)	5	1 st	Use a ruler to measure standard units (including whole inches and whole feet).
Math 2 Using a Ruler & Yardstick	2.MD.1 (3.M.2)	4		Use a ruler/yardstick to measure to the nearest standard unit
Math 2 Coins	2.MD.8 (NY 2.M.6)	5		Know and recognize coins (penny, nickel, dime, quarter). Does not cover bills.
Math 2 Estimate Measurement	2.MD.3 (NY 2.M.10)	7		Select and use standard (customary) and non-standard units to estimate measurements.
Math 2 Interpret Data from Graphs	2.MD.10 (NY 2.S.5)	4	1 st	Discuss conclusions and make predictions from graphs.
Math 2 Coins Combinations to 25¢	2.MD.8 (NY 1.M.6)	5		Use different combinations of coins to make money amounts up to 25¢.
Geometry				
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* Not specific Common Core Language but need these skills to scaffold within the cluster.