



Mathematical Practices Grades K - 8

- 1. Make sense of problems and persevere in solving them.**
- 2. Reason abstractly and quantitatively.**
- 3. Construct viable arguments and critique the reasoning of others.**
- 4. Model with mathematics.**
- 5. Use appropriate tools strategically.**
- 6. Attend to precision.**
- 7. Look for and make use of structure.**
- 8. Look for and express regularity in repeated reasoning.**



2nd Grade Mathematics Curriculum Map

Trimester	Unit of Study	Illinois Learning Standards	Mathematical Practice Standard	Learning Targets
1	<p>Figure the Facts</p> <p>Place Value and Measurement with Jacks' Beanstalks</p> <p>Addition and Subtraction within 100</p>	<p>2.OA.1 2.OA.2 2.OA.3 2.OA.4</p> <p>2.NBT.1 2.NBT.2 2.NBT.3 2.NBT.4 2.NBT.5 2.NBT.6 2.NBT.7 2.NBT.8 2.NBT.9</p> <p>2.MD.1 2.MD.2 2.MD.3 2.MD.4 2.MD.5 2.MD.6 2.MD.7 2.MD.8 2.MD.10</p> <p>2.G.3</p>	<p>2.MP.1 2.MP.2 2.MP.3 2.MP.4 2.MP.5 2.MP.6 2.MP.7 2.MP.8</p>	<ul style="list-style-type: none"> ● Solves addition and subtraction story problems to 20 ● Add and subtract to 20 using mental strategies ● Tells whether a number is odd and explain why ● Understands that the three-digit numbers represent the amount of hundreds, tens and ones ● Read and writes 3-digit numbers using numerals and expanded form ● Adds 2-digit numbers ● Uses a number line to show and solve 2-digit addition problems



2	<p>Addition and Subtraction within 100</p> <p>Place Value to One Thousand</p> <p>Measurement, TBC into Trimester 3</p>	<p>2.OA.1 2.OA.2</p> <p>2.NBT.1 2.NBT.2 2.NBT.3 2.NBT.4 2.NBT.5 2.NBT.6 2.NBT.7 2.NBT.8</p> <p>2.MD.1 2.MD.2 2.MD.3 2.MD.4 2.MD.5 2.MD.6 2.MD.8 2.MD.10</p>	<p>2.MP.1 2.MP.2 2.MP.3 2.MP.4 2.MP.5 2.MP.6 2.MP.7 2.MP.8</p>	<ul style="list-style-type: none"> • Solves one-step addition and subtraction story problems to 100 • Demonstrates fluency with addition to 20 • Locates numbers on a number line; add or subtract on a number line • Understands that the three digits of a 3-digit number represent hundreds, tens and ones • Skip count by 5s, 10s, and 100s to 1,000 • Reads and writes 3-digit numbers using numerals, words, and expanded notation • Uses symbols $>$, $<$, and $=$ to compare two 3-digit numbers • Adds and subtracts 2-digit numbers • Adds up to four 2-digit numbers • Mentally adds and subtracts 10 or 100 to or from 100-900 • Uses appropriate to measure objects in inches and feet • Understands that you get different answers when you measure the same object with different tools • Estimates length using units of inches and feet • Measures to find out how much longer one object is than another in inches or feet • Solves word problems involving lengths that are given in the same units • Solves money word problems involving dollar bills, quarters, dimes, nickels and pennies • Constructs and reads picture graphs and bar graphs, and solves problems using information in a graph
3	Measurement, Fractions, and Multi-Digit	2.OA.1		<ul style="list-style-type: none"> • Uses appropriate to measure objects in inches and feet • Understands that you get different



	Computation	2.OA.2 2.OA.4		answers when you measure the same object with different tools
	Geometry	2.NBT.3 2.NBT.4 2.NBT.6 2.NBT.7	2.MP.1 2.MP.2 2.MP.3 2.MP.4 2.MP.5 2.MP.6 2.MP.7 2.MP.8	<ul style="list-style-type: none"> Estimates length using units of inches and feet Measures to find out how much longer one object is than another in inches or feet Solves word problems involving lengths that are given in the same units Solves money word problems involving dollar bills, quarters, dimes, nickels and pennies Constructs and reads picture graphs and bar graphs, and solves problems using information in a graph Solves one and two step addition and subtraction story problems to 100 Adds and subtracts to 20, knows addition facts to 20 by memory Uses addition to find the total number of objects arranged in a rectangular array with up to 5 rows and columns Reads and writes 3-digit numbers using numerals, words, and expanded form Uses the symbols $>$, $<$, and $=$ to compare two 3-digit numbers Adds up to four 2-digit numbers Adds and subtracts 3-digit numbers using models, sketches, and/or numbers and explains strategies for doing so Estimates lengths using units of centimeters and meters Measures to find out how much longer one object is than another in cm or m Solves word problems involving lengths that are given in the same units Solves money word problems involving dollar bills, quarters, dimes, nickels and pennies and uses the cents and dollar
		2.MD.1 2.MD.3 2.MD.4 2.MD.5 2.MD.8 2.MD.9		
		2.G.1 2.G.2 2.G.3		



				<p>signs correctly</p> <ul style="list-style-type: none">• Measures lengths and displays the result on a line plot• Recognizes and draws 2D and 3D shapes, including triangles, quadrilaterals, pentagons, hexagons, and cubes• Divides rectangles into rows and columns of same-sized squares and counts to find the total• Divides circles and rectangles into two, three, and four equal parts and describes the parts using halves, thirds, fourths
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