

2nd Grade Instructional Math Scope and Sequence

Q	Unit	Standards - On Level	Standards - Instructional
1	1 Place Value, Counting, and Comparison of Numbers to 100	<p>2.NBT.1 (Understand value of digits in a 2 digit number)</p> <p>2.NBT.2 (Count within 100 by 5s, 10s, and 100s)</p> <p>2.NBT.3 (Read and write numbers to 100 using numerals, names and expanded form)</p> <p>2.NBT.4 (Compare two 2-digit numbers using $<$, $>$ and $=$ symbols)</p>	<p>Power Standards</p> <p>2.NBT.1 (Understand value of digits in a 2 digit number/bundling 10 tens to make 1 hundred)</p> <p>2.NBT.3 (Read and write numbers to 100 using numerals, names and expanded form)</p> <p>2.NBT.4 (Compare two 2-digit numbers using $<$, $>$ and $=$ symbols)</p> <p>Secondary Standards</p> <p>*2.NBT.2 (Count within 100 by 5s, 10s, and 100s)</p>
	2 Adding and Subtracting within 100	<p>2.NBT.5 (Fluently add and subtract within 100)</p> <p>2.NBT.6 (Add up to four 2-digit numbers)</p> <p>2.NBT.9 (Explain why addition and subtraction strategies work using words and objects or pictures)</p> <p>2.OA.1 (Solve problems w/ unknowns in all 3 locations for $+/-$-adding to, taking from, putting together, taking apart, comparing)</p> <p>2.OA.2 (Fluently add within 20)</p> <p>2.MD.6 (Represent whole numbers as lengths on a number line diagram and whole number sums & differences on the number line diagram)</p>	<p>Power Standards</p> <p>2.NBT.5 (Fluently add within 100 - with regrouping and subtract within 100 - no regrouping)</p> <p>2.NBT.6 (Add up to four 2-digit numbers with regrouping - the sum does not exceed 100)</p> <p>2.OA.1 (Solve problems w/ unknowns in all 3 locations for $+/-$-adding to, taking from, putting together, taking apart, comparing)</p> <p>Secondary Standards</p> <p>2.OA.2 (Fluently add within 20)</p> <p>2.NBT.9 (Explain why addition and subtraction strategies work using words and objects or pictures)</p> <p>2.MD.6 (Represent whole numbers as lengths on a number line diagram and whole number sums & differences on the number line diagram)</p>
2	3 Measurement	<p>2.MD.1 (Measure length selecting & using appropriate tools)</p> <p>2.MD.2 (Measure length of an object twice with 2 different units to compare unit relationships)</p> <p>2.MD.3 (Estimate lengths in inches, feet, cm and m)</p> <p>2.MD.4 (Measure to compare lengths of 2 different objects)</p> <p>2.MD.5 (Add and subtract within 100 to solve word problems involving length)</p> <p>2.MD.6 (Represent whole numbers as lengths on a number line diagram and whole number sums & differences on the number line diagram)</p> <p>2.MD.9 (Measure lengths of several objects to the nearest unit and represent)</p> <p>2.MD.10 (Draw picture graphs and bar graphs to represent data sets and solve put together, take apart and compare problems about the graphs)</p>	<p>Power Standards</p> <p>2.MD.1 (Measure length selecting & using appropriate tools)</p> <p>2.MD.2 (Measure length of an object twice with 2 different units to compare unit relationships)</p> <p>2.MD.4 (Measure to compare lengths of 2 different objects)</p> <p>2.MD.5 (Add and subtract within 100 to solve word problems involving length)</p> <p>Secondary Standards</p> <p>2.MD.3 (Estimate lengths in inches, feet, cm and m)</p> <p>2.MD.6 (Represent whole numbers as lengths on a number line diagram and whole number sums & differences on the number line diagram)</p> <p>2.MD.9 (Measure lengths of several objects to the nearest unit and represent)</p> <p>2.MD.10 (Draw picture graphs and bar graphs to represent data sets and solve put together, take apart and compare problems about the graphs)</p>
	4 Place Value, Counting & Comparison of Numbers to 1000	<p>2.NBT.1 (Understand value of digits in a 3 digit number)</p> <p>2.NBT.2 (Count within 1000 by 5s, 10s, and 100s)</p>	<p>Power Standards</p> <p>2.NBT.1 (Understand value of digits in a 3 digit number)</p> <p>2.NBT.3 (Read and write numbers to 1000 using numerals, names and expanded form)</p> <p>2.NBT.4 (Compare two 3-digit numbers using $<$, $>$ and $=$ symbols)</p> <p>Secondary Standards</p> <p>*2.NBT.2 (Count within 1000 by 5s, 10s, and 100s)</p>

3	5 Adding and Subtracting within 1000	<p>2.NBT.7 (Add and subtract within 1000 using manipulatives, pictures and words)</p> <p>2.NBT.8 (Mentally add 10 or 100 to a given number between 100-900 and subtract 10 or 100 from a number 100-900)</p> <p>2.NBT.9 (Explain why addition and subtraction strategies work using words and objects or pictures)</p> <p>2.MD.6 (Whole number sums & differences on the number line diagram within 1000)</p>	<p>Power Standards</p> <p>2.NBT.7 (Add and subtract within 1000 using manipulatives, pictures and words)</p> <p>2.NBT.8 (Mentally add 10 or 100 to a given number between 100-900 and subtract 10 or 100 from a number 100-900)</p> <p>Secondary Standards</p> <p>2.NBT.9 (Explain why addition and subtraction strategies work using words and objects or pictures)</p> <p>2.MD.6 (Whole number sums & differences on the number line diagram within 1000)</p>
	6 Money	<p>2.NBT.1 (Bundling 10 tens to make 1 hundred)</p> <p>2.MD.8 (Solve word problems involving dollar bills, quarters, dimes, nickels and pennies using \$ and ¢ symbols)</p> <p>2.NBT.5 (Fluently add and subtract within 100)</p> <p>2.NBT.2 (Count within 1000 by 5s, 10s, and 100s)</p> <p>2.OA.1 (Solve problems w/ unknowns in all 3 locations for +/- adding to, taking from, putting together, taking apart, comparing)</p>	<p>Power Standards</p> <p>2.OA.1 (Solve problems w/ unknowns in all 3 locations for +/- adding to, taking from, putting together, taking apart, comparing)</p> <p>2.NBT.5 (Fluently add and subtract within 100 - review of addition with regrouping and introduction of subtraction with regrouping)</p> <p>Secondary Standards</p> <p>2.NBT.2 (Count within 1000 by 5s, 10s, and 100s)</p> <p>2.MD.8 (Solve word problems involving dollar bills, quarters, dimes, nickels and pennies using \$ and ¢ symbols)</p>
4	7 Multiplication Readiness	<p>2.OA.4 (Use addition to find the total number of objects in rectangular arrays and write addition equation with equal addends)</p> <p>2.OA.3 (Even & Odd)</p> <p>2.G.2 (Partition a rectangle into rows and columns and count to find the total)</p>	<p>Power Standards</p> <p>2.OA.4 (Use addition to find the total number of objects in rectangular arrays and write addition equation with equal addends)</p> <p>2.OA.3 (Even & Odd)</p> <p>2.G.2 (Partition a rectangle into rows and columns and count to find the total)</p> <p>Secondary Standards</p>
	8 Geometry and Time	<p>2.G.1 (Recognize and draw shapes with a given # of angles or sides. Identify triangles, quadrilaterals, pentagons, hexagons & cubes)</p> <p>2.G.3 (Partition circles and rectangles into 2,3 or 4 equal shares and describe using the words fraction vocabulary)</p> <p>2.NBT.2 (Count within 1000 by 5s)</p> <p>2.MD.7 (Tell time to the nearest 5 minutes.)</p>	<p>Power Standards</p> <p>2.G.3 (Partition circles and rectangles into 2,3 or 4 equal shares and describe using the words fraction vocabulary)</p> <p>2.MD.7 (Tell time to the nearest 5 minutes.)</p> <p>Secondary Standards</p> <p>2.NBT.2 (Count within 1000 by 5s)</p>

Power Standards - Focus of Grade Level Instruction and Assessment

Major Content Standards Supporting Standards/Additional Standards

[Current 2nd Grade Instructional Math Scope and Sequence](#)

[Instructional Level Math: Bridges Volume 3](#)

Secondary - Introduce/Practice during math meeting/number talks, stations

2.OA.2 : assessed in fluency tests: 6 fluency tests per quarter.