



I-SS Second Grade Math Rubric for Report Cards & Grading

A variety of assessments are used to determine report card grades for Math, including: NC K-2 Math Assessments, classroom formative assessment tasks and student work samples, etc.

NUMBER AND OPERATIONS	Q	N	P	M
		Not Yet on grade-level standard (less than half of the time; demonstrates minimally)	Progressing on grade-level standard (more than half of the time; demonstrates inconsistently)	Meets Standard (large majority of the time; demonstrates consistently)
NBT.1 <i>Understanding 3-digit numbers represented by hundreds, tens, and ones</i>	2	Demonstrates that the three digits of a three-digit number represent amounts of hundreds, tens, and ones less than half of the time.	Demonstrates that the three digits of a three-digit number represent amounts of hundreds, tens, and ones more than half of the time.	Demonstrates that the three digits of a three-digit number represent amounts of hundreds, tens, and ones a large majority of the time.
NBT.2 (Quarter 1) <i>Skip counting by 5 and 10 within 100</i>	1	Counts correctly within 100, skip-count by 5s and 10s less than half of the time.	Counts correctly within 100, skip-count by 5s and 10s more than half of the time.	Counts correctly within 100, skip-count by 5s and 10s a large majority of the time.
NBT.2 (Quarter 2) <i>Skip counting by 5, 10, and 100 within 1,000</i>	2	Counts correctly within 1,000, skip-count by 5s, 10s and 100s less than half of the time.	Counts correctly within 1,000, skip-count by 5s, 10s and 100s more than half of the time.	Counts correctly within 1,000, skip-count by 5s, 10s and 100s a large majority of the time.
NBT.3 <i>Read and write numbers within 1,000 using base-10 pictures, number names, and expanded form</i>	2	Reads and writes numbers within 1,000 using base-10 pictures, number names, and expanded form less than half of the time.	Reads and writes numbers within 1,000 using base-10 pictures, number names, and expanded form more than half of the time.	Reads and writes numbers within 1,000 using base-10 pictures, number names, and expanded form a large majority of the time.
NBT.4 <i>Compare two 3-digit numbers using <, >, and =</i>	2	Correctly compares two 3-digit numbers less than half of the time.	Correctly compares two 3-digit numbers more than half of the time.	Correctly compares two 3-digit numbers a large majority of the time.
NBT.5 <i>2-digit addition and subtraction within 100</i>	1	Demonstrate why addition or subtraction strategies work as they apply their knowledge of place value and the properties of operations less than half of the time.	Demonstrate why addition or subtraction strategies work as they apply their knowledge of place value and the properties of operations more than half of the time.	Demonstrate why addition or subtraction strategies work as they apply their knowledge of place value and the properties of operations a large majority of the time.
NBT.6 <i>Add up to three 2-digit numbers using strategies based on place value & properties of operations.</i>	1,3	Correctly adds up three 2-digit numbers less than half of the time.	Correctly adds up three 2-digit numbers more than half of the time.	Correctly adds up three 2-digit numbers a large majority of the time.
NBT.7 <i>Add and subtract within 1,000 while relating the strategy to a written method</i>	3	Correctly adds or subtracts within 1,000 less than half of the time.	Correctly adds or subtracts within 1,000 more than half of the time.	Correctly adds or subtracts within 1,000 a large majority of the time.

NBT.8 (Quarter 1) Mentally adding and subtracting 10 to a given number within 100	1	Demonstrate that they can mentally add and subtract 10 less than half of the time less than half of the time.	Demonstrate that they can mentally add and subtract 10 more than half of the time.	Demonstrate that they can mentally add and subtract 10 a large majority of the time.
NBT.8 (Quarter 3) Mentally adding and subtracting 100 to a given number 100-900	3	Demonstrate that they can mentally add and subtract 100 less than half of the time less than half of the time.	Demonstrate that they can mentally add and subtract 100 more than half of the time.	Demonstrate that they can mentally add and subtract 100 a large majority of the time.

ALGEBRAIC CONCEPTS	Q	N	P	M
		<u>Not Yet</u> on grade-level standard (less than half of the time; demonstrates minimally)	<u>Progressing</u> on grade-level standard (more than half of the time; demonstrates inconsistently)	<u>Meets Standard</u> (large majority of the time; demonstrates consistently)
OA.1 Solve one-step (Quarter 1) and two-step word problems using addition and subtraction within 100 <ul style="list-style-type: none"> 1 step: add to/take from - start unknown; compare - bigger unknown; compare - smaller unknown 2 step: add to/take from - change unknown; add to/take from - result unknown 	1, 3, 4	Responds correctly to 0-1 of the following ways: <ul style="list-style-type: none"> correctly solves writes a correct equation uses accurate picture, numbers and/or words 	Responds correctly to 2 of the following ways: <ul style="list-style-type: none"> correctly solves writes a correct equation including a symbol for the unknown uses accurate picture, numbers and/or words 	Responds correctly to all of the following ways: <ul style="list-style-type: none"> correctly solves AND writes a correct equation including a symbol for the unknown AND uses accurate picture, numbers and/or words
OA.2 Demonstrate addition and subtraction fact fluency to 20 using mental strategies	1	Adds or subtracts fluently less than half of the time.	Adds or subtracts fluently more than half of the time.	Adds or subtracts fluently a large majority of the time.
OA.3 Demonstrates whether a group of objects, within 20, has an even and odd number of members by: <ul style="list-style-type: none"> pairing objects, then counting by 2s determining whether objects can be placed into 2 equal groups writing an equation to express an even number as the sum of 2 equal addends. 	1	Demonstrates even and odd numbers less than half of the time.	Demonstrates even and odd numbers more than half of the time.	Demonstrates even and odd numbers a large majority of the time.

<p>OA.4 Uses addition to find the total number of objects arranged in rectangular arrays with up to 5 rows and up to 5 columns; write an equation to express the total as a sum of equal addends.</p>	2	Correctly answers less than half of the time.	Correctly answers more than half of the time.	Correctly answers a large majority of the time.
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GEOMETRY	Q	N Not Yet on grade-level standard (less than half of the time; demonstrates minimally)	P Progressing on grade-level standard (more than half of the time; demonstrates inconsistently)	M Meets Standard (large majority of the time; demonstrates consistently)
<p>G.1 Recognize and draw shapes using their specified attributes</p>	4	Student can identify 3 or fewer shapes correctly and the number of vertices. Student cannot provide a way to sort 2D shapes.	Student can identify 4-5 shapes correctly and the number of vertices. Student provides 1 way to sort 2D shapes.	Student can identify 6 or more shapes correctly and the number of vertices. Student provides 2 or more ways to sort 2D shapes.
<p>G.3 Partition circles and rectangles into two, three, or four equal shares</p>	4	Correctly partitions less than half of the time.	Correctly partitions more than half of the time.	Correctly partitions a large majority of the time.

MEASUREMENT, DATA, & PROBABILITY	Q	N Not Yet on grade-level standard (less than half of the time; demonstrates minimally)	P Progressing on grade-level standard (more than half of the time; demonstrates inconsistently)	M Meets Standard (large majority of the time; demonstrates consistently)
<p>MD.1 Measure the length of an object using standard units</p>	3	Measures correctly less than half of the time.	Measures correctly more than half of the time.	Measures correctly a large majority of the time.
<p>MD.2 Measure an object twice and compare the lengths</p>	3	Measures correctly less than half of the time.	Measures correctly more than half of the time.	Measures correctly a large majority of the time.
<p>MD.3 Estimate the length of an object</p>	3	Estimates correctly less than half of the time.	Estimates correctly more than half of the time.	Estimates correctly a large majority of the time.
<p>MD.4 Measure two objects and compare their lengths</p>	3	Measures and compares less than half of the time.	Measures and compares more than half of the time.	Measures and compares correctly a large majority of the time.

MD.5 Use addition and subtraction to solve measurement word problems	3	Answers correctly less than half of the time.	Answers correctly more than half of the time.	Answers correctly a large majority of the time.
MD.6 Representing numbers, sums, and differences on a number line from 0-100	1	Represents the problem correctly on the number line less than half of the time.	Represents the problem correctly on the number line more than half of the time.	Represents the problem correctly on the number line a large majority of the time.
MD.7 Telling time to the nearest 5 minutes, using AM and PM	2	Tells the correct time less than half of the time.	Tells the correct time more than half of the time.	Tells the correct time a large majority of the time.
MD.8 Solve word problems involving money	4	Correctly answers less than half of the time.	Correctly answers more than half of the time.	Correctly answers a large majority of the time.
MD.10 Organize, represent, and interpret data on a graph	4	Correctly answers less than half of the time.	Correctly answers more than half of the time.	Correctly answers a large majority of the time.