

Math Rubric- 2nd Grade

Report Card Indicator	November	March	June
Operations & Algebraic Thinking	<ul style="list-style-type: none"> Knows doubles facts and combinations of 10s Determine whether a group of objects (up to 20) is even or odd Write, depicts, and solves addition number stories 	<ul style="list-style-type: none"> Determine the type of number story and use the appropriate operation (+/-) to solve with numbers up to 100 	<ul style="list-style-type: none"> Solve 1 and 2 step addition and subtraction problems within 100 Understand the basis of multiplication as the sum of multiple equal addends Understand that an array represents the sum of multiple equal addends
Numbers & Operations in Base 10	<ul style="list-style-type: none"> Counts by 1s to 120 Skip counts by 5s & 10s to at least 200 Reads and writes numbers to 120 Writes number names up to 20 Compares numbers (up to 3 digits) using <, > & = Mentally add & subtract 10 from a 2-digit number Understands place value concepts in relation to 2 digit numbers Add within 100 using mathematical tools (i.e. number grid) 	<ul style="list-style-type: none"> Count by 1s up to 1,000 Skips counts by 5s, 10s & 100s up to 1,000 Understand addition & subtraction fact families Solve “What’s My Rule?” problems using addition and subtraction within 100 Understand and explain addition & subtraction strategies Understand place value of 3 digit numbers Adding and subtracting 2 digit numbers by composing or decomposing the tens Mentally add & subtract 10 from any 2 or 3 digit number Add within 100 with or without tools (i.e. number grid) 	<ul style="list-style-type: none"> Compare 3 digit numbers based on place value using <, >, and = Add and subtract up to 1,000 using various strategies Add 3 or more 2 digit numbers (up to 20) using various strategies Skip counts by 5s, 10s & 100s up to 1,000 Understand place value of 3 digit numbers Read and write numbers to 1,000 using base 10 numerals, number names & expanded form Understand and explain addition & subtraction strategies
Measurement & Data	<ul style="list-style-type: none"> Represents numbers 1 – 10 on a number line Solves problems involving pennies and dimes 	<ul style="list-style-type: none"> Represent the numbers 1 – 100 on a number line diagram with equal spacing Select appropriate tools to measure lengths Measure objects in centimeters & inches Estimate lengths in feet Solves word problems involving lengths Tell & write time to the nearest ½ hour and work on telling time to the 5 minute intervals Use quarters, dimes, nickels & pennies to show exact change up to \$1 Draw a picture graph using a tally chart 	<ul style="list-style-type: none"> Select appropriate tools to measure in inches, centimeters, feet, yards and meters Selecting the appropriate unit of measure (cm., in., ft.,) based on the object being measured Draw a picture graph or a bar graph to represent data & use data to solve problems Solve word problems involving \$1, quarters, nickels, dimes, and pennies using dollar sign and cent sign correctly
Geometry			<ul style="list-style-type: none"> Identify shapes based on attributes (angles, sides and parallel lines) Sort shapes based on attributes Partition shapes into same size squares and find the total number of them (area) Partition shapes into 2, 3 or 4 equal shares (fractions) Understand equivalent fractions

*The above indicates what a child needs to achieve in order to receive a 3 on his/her report card for the current trimester.

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