

Math Rubric 4 th Grade			
Math Standards	1	2	3
Operations and Algebraic Thinking			
Use the four operations with whole numbers to solve problems OA.1 OA.2 OA.3	T1: Unable to use multi-digit addition and subtraction; basic multiplication and division with whole numbers to solve problems. T2: Unable to use addition, subtraction, multiplication and division with whole numbers to solve problems with teacher support. T3: Unable to use addition, subtraction, multiplication and division with whole numbers to solve multi-step problems with teacher support.	T1: With prompting and support, use multi-digit addition and subtraction; basic multiplication and division with whole numbers to solve problems. T2: With prompting and support, use addition, subtraction, multiplication and division with whole numbers to solve problems. T3: With prompting and support, use addition, subtraction, multiplication and division with whole numbers to solve multi-step problems.	T1: Independently, use multi-digit addition and subtraction; basic multiplication and division with whole numbers to solve problems. T2: Independently, use addition, subtraction, multiplication and division with whole numbers to solve problems. T3: Independently, use addition, subtraction, multiplication and division with whole numbers to solve multi-step problems.
Number and Operations			
Understand place value of multi-digit numbers. NBT.3	Unable to understand place value of multi-digit numbers with teacher support.	With prompting and students is able to understand place value of multi-digit numbers.	Independently understands place value of multi-digit numbers.
Addition of multi-digit numbers. NBT.4	Unable to add multi-digit numbers using a standard algorithm with teacher support.	With prompting and support, add multi-digit numbers using a standard algorithm.	Independently add multi-digit numbers using standard algorithm.
Subtraction of multi-digit numbers. NBT.4	Unable to subtract multi-digit numbers using a standard algorithm with teacher support.	With prompting and support, subtract multi-digit numbers using a standard algorithm.	Independently subtract multi-digit numbers using a standard algorithm.
Multiplication of multi-digit numbers. NBT.5	Unable to multiply a two-digit number by two-digit number, and up to four digit by a one-digit number using strategies with teacher support.	With prompting and support, a two-digit number by two-digit number, and up to four digit by a one-digit number using strategies.	Independently, multiply a two-digit number by two-digit number, and up to four digit by a one-digit number using strategies.
Division of multi-digit numbers. NBT.6	Unable to divide up to four digit numbers by one-digit divisor using strategies with teacher support.	With prompting and support divide up to four digit numbers by one-digit divisor using strategies.	Independently divide up to four digit numbers by one-digit divisor using strategies.
Understanding of fraction equivalence and ordering. NF.1	T2 & T3: Unable to recognize and create fractions using models with teacher support.	T2 & T3: With prompting and support, recognize and create fractions using models.	T2 & T3: Independently recognize and create fractions using models.

Build Fractions from unit fractions. NF.2	T2 & T3: Unable to recognize and create fractions using models with teacher support.	T2 & T3: With prompting and support, recognize and create fractions using models.	T2 & T3: Independently recognize and create fractions using models.
Understand decimal notation for fractions. NF.3	T2 & T3: Unable to understand decimal notation for fractions.	T2 & T3: Is able to to understand decimal notation for fractions with prompting and support.	T2 & T3: Understands decimal notation for fractions.
Measurement and Data			
Solve problems using measurement. MD.1 MD.2	Unable to solve problems using measurement. Examples: distances, area, perimeter, time, liquid volume, masses of objects, and money including simple fractions or decimals.	With prompting and support, solve problems using measurement. Examples: distances, area, perimeter, time, liquid volume, masses of objects, and money including simple fractions or decimals.	Independently solve problems using measurement. Examples: distances, area, perimeter, time, liquid volume, masses of objects, and money including simple fractions or decimals.
Geometry			
Draw and identify lines, angles and shapes. G.1 G.2 G.3	T2 & T3: Unable to draw and identify lines, angles, and shapes with teacher support. Examples: points, lines, line segments, rays, kinds of angles, perpendicular and parallel lines, right triangles and lines of symmetry.	T2 & T3: With prompting and support, draw and identify lines, angles, and shapes. Examples: points, lines, line segments, rays, kinds of angles, perpendicular and parallel lines, right triangles and lines of symmetry.	T2 & T3: Independently draw and identify lines, angles, and shapes. Examples: points, lines, line segments, rays, kinds of angles, perpendicular and parallel lines, right triangles and lines of symmetry.