

4th Grade Mathematics Rubrics by Domain / Trimester

Report Card / Rubric Rating Scale:

Rating:	Description:
4	Demonstrates skill / concept development that exceeds the current grade level standards
3	Demonstrates skill / concept development that meets the current grade level standards
2	Demonstrates skill / concept development approaching the current grade level standards
1	Demonstrates skill / concept development significantly below the current grade level standards

Number and Operations in Base Ten:

Trimester 1	Trimester 2	Trimester 3
<ul style="list-style-type: none"> • Demonstrates place value understanding for whole numbers to the millions place (read, write, order, compare, values of digits/expanded form) • Uses place value understanding and properties of operations to perform multi-digit addition, subtraction, and multiplication 	<ul style="list-style-type: none"> • Uses place value understanding and properties of operations to perform multi-digit arithmetic (all four operations) 	<ul style="list-style-type: none"> • Fluency: 4.NBT.4 Adds, subtracts within a million

Number and Operations--Fractions:

Trimester 1	Trimester 2	Trimester 3
NA	<ul style="list-style-type: none"> • Builds fractions from unit fractions (decomposing and composing, multiplying a fraction by a whole number, fractions with denominators of - 2,3,4,5,6,8,10,12,100) • Finds and identifies equivalent fractions • Adds and subtracts fractions and mixed numbers with like denominators 	<ul style="list-style-type: none"> • Add fractional parts of 10 and 100 • Demonstrates place value understanding for fractions with denominators of 10 and 100 and decimals to the hundredths place (read, write, expanded fraction forms, expanded decimal form, decimal notation, compare, order)

Operations and Algebraic Thinking:

Trimester 1	Trimester 2	Trimester 3
<ul style="list-style-type: none"> • Uses addition, subtraction, and multiplication with whole numbers to solve problems using multiplicative comparison and multiple steps; represents using equations 	<ul style="list-style-type: none"> • Uses the four operations with whole numbers to solve problems using multiple steps and interpreting remainders; represents using equations • Identifies prime numbers, composite numbers, factors, and multiples • Generates and analyzes patterns (generates a number pattern that 	<ul style="list-style-type: none"> • Identifies all factor pairs for whole numbers 1-100 • Generates and analyzes patterns (generates a number or shape pattern that follows a given rule)

	follows a given rule)	
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Measurement and Data:

Trimester 1	Trimester 2	Trimester 3
NA	NA	<ul style="list-style-type: none"> Solves problems involving measurement and conversions of measurements (area and perimeter; addition, subtraction, multiplication, division; customary & metric - km, m,cm, kg, g, lb, oz, L, mL, hour, minute, second) Represents and interprets data (make a line plot to display fractional measurements - $\frac{1}{2}$, $\frac{1}{4}$, $\frac{1}{8}$) Identifies and measures angles in whole number degrees (use addition and subtraction to find unknown angles)

Geometry:

Trimester 1	Trimester 2	Trimester 3
NA	NA	<ul style="list-style-type: none"> Classifies 2D figures based on properties (presence of parallel or perpendicular lines, types of angles) Draws and identifies points, lines, line segments, lines of symmetry, rays, angles (right, acute, obtuse), parallel and perpendicular