4th Grade Priority Standards
Math 2021-2022

Strand	Priority Standards	Q1	Q2	Q3	Q4
Operation and Algebraic Thinking	**4.OA.1-**Interpret a multiplication equation as a comparison. Represent verbal statements of multiplicative comparisons as multiplication equations. **MP.2, MP.4**		Unit 3		
Operation and Algebraic Thinking	**4.OA.2**-Multiply or divide to solve word problems involving multiplicative comparisons by using drawings and equations with a symbol for the unknown number to represent the problem, distinguishing multiplicative comparison and additive comparisons. **MP.1, MP.2, MP.3**		Unit 3		

Operation and Algebraic Thinking	**4.OA.3**-Solve multistep problems.
	   a. Perform operations in the conventional order when there are no parentheses to specify a particular order.
	   b. Solve mulitstep word problems posed with whole numbers and having whole number answers using the four operations, including problems in which remainders must be interpreted. Represent these problems using equations with a letter standing for the unknown quantity. Assess the reasonableness of answers using mental computation and estimation strategies including rounding.
	MP.1, MP.4
			Unit 3		Unit 6
					
					Unit 7

Strand	**Priority Standard**	**Q1**	**Q2**	**Q3**	**Q4**

Number and Operations in Base Ten	**4.NBT.2**-Represent and compare multi-digit whole numbers.
	   a. Read and write multi-digit whole numbers using base-ten numeral, number names and expanded form.
	   b. Compare two multi-digit numbers based on meanings of the digit in each place, using >, =, and < symbols to record the results of comparisons.
	MP.2, MP.7
		Unit 1			

Number and Operations in	**4.NBT.4**-Fluently add and subtract multi-digit whole numbers using an algorithm.	Unit 1			Unit 7

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Base Ten	MP.2, MP.8				
Number and Operations in Base Ten	**4.NBT.5**-Multiply whole numbers ● Up to four digit number by a one-digit number ● Two-digit number by two-digit number Multiplying using strategies based on place value and the properties of operations. Illustrate and explain the calculation by using equations, rectangular arrays and/or are models. **MP.3, MP.4, MP.8**	Unit 2	Unit 2 Unit 3		Unit 7
Number and Operations in Base Ten	**4.NBT.6**-Divide up to four-digit dividends by one-digit divisors. Find whole number quotients and remainders using ● Strategies based on place value ● The properties of operations ● The relationship between multiplication and division Illustrate and explain the calculation by using equations, rectangular arrays, and/or area models. **MP.3, MP.7, MP.8**	Unit 2	Unit 2 Unit 3		Unit 7
Strand	**Priority Standards**	**Q1**	**Q2**	**Q3**	**Q4**
Number and Operations-- Fractions	**4.NF.1**-Understand and generate equivalent fractions. a. Use visual fraction models to recognize and generate equivalent fractions that have different numerators/denominators even though they are the same size. b. Explain why a fraction a/b is equivalent to a fraction (n x a)/(n x b) **MP.4, MP.7, MP.8**			Unit 4	
Number and Operations-- Fractions	**4.NF.2**-Compare two fractions with different numerators and different denominators using the symbols <, =, or >. Recognize comparisons are valid only when the two fractions refer to the same whole. Justify the conclusions. **MP.2, MP.3**			Unit 4	
Number and Operations-- Fractions	**4.NF.3**-Understand a fraction a/b with a > 1 as the sum of fractions 1/b. a. Understand addition and subtraction of fractions as joining and separating parts referring to the same whole.			Unit 5	Unit 5 Unit 7

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	b. Decomposing a fraction into a sum of fractions with the same denominator in more than one way, recording each decomposition by an equation. Justify decompositions. c. Add and subtract mixed numbers with like denominators. d. Solve word problems involving addition and subtraction of fractions referring to the same whole and having like denominators. **MP.1, MP.5, MP.7**				
Number and Operations--Fractions	**4.NF.4**-Apply and extend previous understandings of multiplication to multiply a fraction by a whole number. **a.** Understand a fraction a/b as a multiple of 1/b . **b.** Understand a multiple of a/b as a multiple of 1/b and use this understanding to multiply a fraction by a whole number. **c.** Solve word problems involving multiplication of a fraction by a whole number. **MP.5, MP.8**			Unit 5	Unit 5 Unit 7
Number and Operations--Fractions	**4.NF.5**-Convert and add fractions with denominators of 10 and 100. **a.** Convert a fraction with a denominator of 10 to an equivalent fraction with a denominator of 100. **b.** Add two fractions with respective denominators 10 and 100. **MP.5, MP.7**				Unit 6 Unit 7

Quarter 1: 8-9-21 thru 10-18-21
Quarter 2: 10-19-21 thru 12-17-21
Quarter 3: 1-3-22 thru 3-8-22
Quarter 4: 3-9-22 thru 5-20-22