	Grade 4 Math	Grade 4 Math	Grade 4 Math
	Number Sense and Operation Strand	**Numeration: Whole Numbers**	
1	Skip Count	4N1	Skip count by 1,000s
2	Compare & Order Numbers/Place Value	4N2, 4N3, 4N4, 4N5	Compare and Order Numbers to 10,000; Place Value to 10,000
3	Rounding	4N26	Rounding to nearest tens and hundreds
4	Associative Property of Multiplication	4N6	Associative Property of Multiplication
		Whole Numbers: Add and Subtract	
5	Addition-Subtraction up to 10,000	4N14	Add and subtract numbers up to 10,000
5		4N27	Check reasonableness of an answer by using estimation
		Whole Numbers: Multiply and Divide	
6	Multiplication - Odd-Even Numbers & Inverse Operations	4N13	Develop an understanding of the properties of odd/even numbers as a result of multiplication
6		4N15	Select appropriate computational and operational methods to solve problems
6		4N17	Use multiplication and division as inverse operations to solve problems
7	Multiplication: 2 digits by 1 digit	4N18	Multiply two-digit numbers by one-digit numbers
8	Multiplication: 2 digits by 2 digits	4N19	Multiply two-digit numbers by two-digit numbers
9	Multiply by 10s and 100s	4N20	Multiplying and dividing multiples of 10 and 100 up to 1,000
10	Division - 2 digits by 1 digit	4N21	Divide two-digit dividends by one-digit divisors
10		4N22	Interpret the meaning of remainders
		Decimals	
11	Decimals	4N10	Understanding decimals as a part of a whole
11		4N11	Read and write decimals to hundredths, using money as a context
11		4N12	Compare and order decimals (less than 1) to the hundredths place in the context of money
12	Decimals: Compare up to hundredths	4A2	Use the symbols <, >, =, and ≠ to compare decimals (up to hundredths)
		Fractions	
13	Fractions	4N7	Locations on number lines; Divisions of whole numbers
13		4N8	Recognize and generate equivalent fractions (1/2, 1/4, 1/3, 1/5, 1/6, and 1/10) using manipulatives, visual models, and illustrations
13		4N9	Fractions: Compare and order fractions with the same denominators
14	Fractions: Compare Unit Fractions	4A2	Use the symbols <, >, =, and ≠ to compare unit fractions

		Fractions and Decimals: Add and Subtract	
15	Fractions: Add-Subtract w/ Common Denominators	4N23	Add and subtract proper fractions with common denominators
16	Fractions: Convert to Decimals	4N24	Express decimals as an equivalent form of fractions to tenths and hundredths
17	Decimals: Add-Subt. To Hundredths	4N25	Add and subtract decimals to tenths and hundredths using a hundreds chart
	Algebra Strand	**Algebra**	
18	Algebra: Open Sentences	4A1	Evaluate and express relationships using open sentences with one operation
18		4A3	Find the value or values that will make an open sentence true, if it contains < or >
19	Algebra: Patterns - In/Out Tables	4A4	Describe, extend, and make generalizations about numeric and geometric patterns
19		4A5	Analyze a pattern or a whole-number function and state the rule, given a table or an input/output box
	Geometry Strand	**Geometry**	
20	Polygons/Points/Line Segments	4G1	Polygons: Identify and name
20		4G2	Identify points and line segments when drawing a plane figure
21	Polygons/Rectangles: Perimeter/Area	4G3	Polygons: Find the perimeter
21		4G4	Rectangles: Find the area
22	3D Shapes/Intersecting Lines	4G5	Define and identify vertices, faces, and edges of three-dimensional shapes
22		4G6	Draw and identify intersecting, perpendicular, and parallel lines
23	Angles	4G7	Identify points and rays when drawing angles
23		4G8	Classify angles as acute, obtuse, right, and straight
	Measurement Strand	**Measurement**	
24	Length	4M1, 4M2, 4M3	Length: Correct Tools and Units/Measuring to nearest standard unit/Standard units of length
25	Mass/Volume	4M4, 4M5, 4M6, 4M7	Mass/Volume: Correct Tools and Units/Measuring using grams/milliliters and liters
26	Money	4M8	Money: Make change, using combined coins and dollar amounts
27	Time	4M9, 4M10	Time: Hours and 1/2 hours; days and weeks using a calendar
	Statistics and Probability Strand	**Statistics and Probability**	
28	Graphs: Interpret and Draw Conclusions	4S1	Design investigations to address a question from given data
28		4S4	Read and interpret line graphs
28		4S5	Develop and make predictions that are based on data
28		4S6	Formulate conclusions and make predictions from graphs