

Kindergarten Mathematics

	Days	Topic	Standards	
Quarter 1	12	Counting & Number Names. Count and tell the number of objects	NC.K.CC.1	
			NC.K.CC.4	
			NC.K.CC.5	
Quarter 1	6	Compare numbers (0-5)	NC.K.CC.6	
	11	Compare numbers (6-9)	NC.K.CC.6	
Quarter 2	13	Know number names and counting sequence up to 10. Write numbers 0-10. Compare two numbers up to 10	NC.K.CC.2	
			NC.K.CC.5	
			NC.K.CC.3	
			NC.K.CC.7	
	18	Understanding addition	NC.K.OA.1	
			NC.K.OA.2	
			NC.K.OA.3	
			NC.K.OA.4	
	14	Understanding subtraction	NC.K.OA.1	
			NC.K.OA.5	
			NC.K.OA.2	
			NC.K.OA.6	
Quarter 3	15	Know number names and the counting sequence, Zero - 100. Building foundation for place value	NC.K.CC.1	
			NC.K.CC.3	
			NC.K.NBT.1	
	15	know number names and the counting sequence; 10s, 20s, 50s, 100s	NC.K.CC.2	
			NC.K.CC.3	
			NC.K.CC.5	
			NC.K.CC.6	
	14	identify and describe 2-D shapes	NC.K.G.1	
			NC.K.G.3	
NC.K.G.6				
Quarter 4	8	Identify and describe 3-D shapes	NC.K.G.1	
			NC.K.G.2	
			NC.K.G.3	
			NC.K.G.4	
			NC.K.G.5	
	4	Measurement and Data	NC.K.MD.1	
			NC.K.MD.2	
	6	Classify objects and count the number of objects in each category	NC.K.MD.3	
	Total = 136			

1st Grade Mathematics

	Recommended Days	Topic	Standards
Quarter 1	14 days	Addition Concepts	NC.1.OA.1
			NC.1.OA.7
			NC.1.OA.3
			NC.1.OA.6
	15 days	Subtraction Concepts	NC.1.OA.1
			NC.1.OA.8
			NC.1.OA.6
			NC.1.OA.9
	15 days	Addition Strategies	NC.1.OA.3
NC.1.OA.6			
NC.1.OA.2			
Quarter 2	spiral	adding & subtracting word problems	NC.1.OA.1
		Commutative & associative properties	NC.1.OA.3
		Unknown addend	NC.1.OA.4
		Relate counting to addition and subtraction	NC.A.OA.5
		Adding & subtracting within 20	NC.1.OA.6
		Unknown numbers in equations	NC.1.OA.8
		Demonstrate adding/subtracting within 10	NC.1.OA.9
		counting to 150 starting at any number	NC.1.NBT.1
		two digits of a two-digit number represents amounts of 10s and 1s	NC.1.NBT.2
Quarter 3	spiral	Solving word problems	NC.1.OA.2
		determining unknown whole numbers	NC.1.OA.8
		counting to 120 starting at any number	NC.1.NBT.1
		place value	NC.1.NBT.2
		comparing numbers using symbols	NC.1.NBT.3
		add within 100	NC.1.NBT.4
		mentally add 10 or subtract 10 from a two-digit numbers	NC.1.NBT.4
		subtract multiples of 10	NC.1.MD.1
		order three objects by length and compare the length of the objects	NC.1.MD.1
		express the length of an object as a whole number	NC.1.MD.2
		tell and write time in hour and half-hours	NC.1.MD.3
identify coins and value	NC.1.MD.5		
Quarter 4	spiral	10 more and 10 less	NC.1.NBT.5
		represent and interpret data	NC.1.MD.4
		distinguish between defining attributes	NC.1.G.1
		compose two-dimensional shapes	NC.1.G.2
		partition circles and rectangles into equal shares, describe the shares using the words halves, fourths, and quarters	NC.1.G.3

2nd Grade Mathematics

Recommended Days	Topics	Standards
15	single digit addition and subtraction	NC.2.OA.1 NC.2.OA.2
15	number concepts	NC.2.OA.3 NC.2.NBT.1 NC.2.NBT.2 NC.2.NBT.3
15	numbers to 1000	NC.2.NBT.1 NC.2.NBT.2 NC.2.NBT.3 NC.2.NBT.4 NC.2.NBT.8
1	Go Math 1.6 - Different Ways to Write Numbers	
15	Addition	NC.2.NBT.5 NC.2.OA.1 NC.2.NBT.6
1	Go Math 2.8 - Different Ways to Show numbers	
6	3-Digit addition	NC.2.NBT.7 NC.2.NBT.8 NC.2.OA.1
10	2-Digit subtraction	NC.2.NBT.5 NC.2.OA.1 NC.2.MD.6
7	3-Digit subtraction	NC.2.NBT.7 NC.2.OA.1
15	Money and time	NC.2.MD.8 NC.2.MD.7
10	Measuring length and tools	NC.2.MD.1 NC.2.MD.4 NC.2.MD.5 NC.2.MD.3
12	Length in measurement unit	NC.2.MD.2 NC.2.MD.3
10	Data	NC.2.MD.6 NC.2.MD.10
5	Recognizing shapes, geometry, and fraction concepts	NC.2.G.1 NC.2.G.3
2	Arrays	NC.2.OA.4
139 = Total		

Grade 3		
Cycle	Unit Focus	Standards
1	Stories with Addition and Subtraction	NC.3.NBT.2 NC.3.OA.8**
2	Understanding Equal Groups	NC.3.OA.1** NC.3.OA.3** NC.3.OA.9
3	Using Data to Solve Problems	NC.3.MD.3 NC.3.NBT.2 NC.3.OA.8**
4	Making Sense of Multiplication & Division – Part 1	NC.3.OA.1 NC.3.OA.2 NC.3.OA.9 NC.3.OA.3
5	Making Sense of Multiplication & Division – Part 2	NC.3.OA.6 NC.3.OA.8 NC.3.OA.9 NC.3.OA.7 NC.3.NBT.3
6	Shapes: Attributes, Area & Perimeter	NC.3.G.1 NC.3.MD.5 NC.3.MD.7 NC.3.MD.8
7	Understanding Fractions as Part of a Whole	NC.3.NF.1 NC.3.NF.2 NC.3.NF.3 NC.3.NF.4
8	Measurement & Time	NC.3.MD.2 NC.3.MD.1

***Indicates standard is only partial addressed within this cycle.*

Grade 4		
Cycle	Unit Focus	Standards
1	Building Community through Real Data & Using Place Value to Add & Subtract	NC.4.MD.4 NC.4.NBT.1 NC.4.NBT.2 NC.4.NBT.4 NC.4.NBT.7
2	Multiplicative Comparison, Area & Perimeter, Factors, and Multiples	NC.4.OA.1 NC.4.OA.4 NC.4.MD.3** NC.4.OA.3
3	Multiplication & Division Strategies	NC.4.NBT.5 NC.4.NBT.6 NC.4.OA.3 NC.4.MD.3
4	Extend Understanding of Fractions	NC.4.NF.1 NC.4.NF.2
5	Connect to Decimal Notation	NC.4.NF.6 NC.4.NF.7
6	Fraction & Decimal Operations	NC.4.NF.3 NC.4.NF.4 NC.4.NF.6
7	Geometry & Angle Measurement	NC.4.G.1 NC.4.G.2 NC.4.G.3 NC.4.MD.6
8	Metric Measurement & Patterns	NC.4.MD.1 NC.4.MD.2 NC.4.MD.8 NC.4.OA.5 NC.4.NF.6 NC.4.NF.7

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Grade 5		
Cycle	Unit Focus	Standards
1	Creating Community through Data and Graphing	NC.5.MD.2 NC.5.G.1 NC.5.OA.3
2	Using Models to Explore Properties of Multiplication and Division	NC.5.OA.2 NC.5.NBT.5** NC.5.NBT.6** NC.5.MD.4 NC.5.MD.5
3	Using Models to Multiply and Divide Fractions	NC.5.NF.3 NC.5.NF.4** NC.5.NF.7 NC.5.OA.2
4	Understanding & Interpreting Decimals: Place Value, Adding & Subtracting	NC.5.NBT.1 NC.5.NBT.3 NC.5.MD.2 NC.5.NBT.7**
5	Using Models to Add & Subtract Fractions	NC.5.NF.1 NC.5.OA.2
6	Using Models to Multiply and Divide Whole Numbers, Decimals & Fractions – Part 1	NC.5.MD.1 NC.5.NBT.5 NC.5.NBT.6 NC.5.NBT.7**
7	Using Models to Multiply and Divide Whole Numbers, Decimals & Fractions – Part 2	NC.5.NF.4 NC.5.NF.7 NC.5.OA.2
8	Classifying Quadrilaterals	NC.5.G.1 NC.5.MD.2 NC.5.G.3

***Indicates standard is only partial addressed within this cycle.*