

Kindergarten Mathematics Scope and Sequence 2022-2023

	First Quarter		Second Quarter		
Unit	Building Mathematical Community Through Exploring Attributes	Understanding the Relationship Between Numbers and Quantities	Understanding the Relationship Between Numbers and Quantities (cont'd)	Comparing Quantities with Counting and Spatial Relationships	Identifying, Describing, Classifying and Composing Shapes
Instructional Days	7-21 (15)	22-45 (24)	46-55 (10)	56-77 (22)	78-90 (13)
Standards Assessed	NC.K.MD.1 NC.K.MD.2 NC.K.MD.3	NC.K.CC.1 NC.K.CC.3 NC.K.CC.4 NC.K.CC.5	NC.K.CC.1 NC.K.CC.4 NC.K.CC.2 NC.K.CC.5 NC.K.CC.3	NC.K.CC.1 NC.K.CC.3 NC.K.CC.4 NC.K.CC.5 NC.K.CC.6 NC.K.MD.2	NC.K.CC.3 NC.K.G.1 NC.K.CC.5 NC.K.G.2 NC.K.CC.6 NC.K.G.3 NC.K.MD.1 NC.K.G.4 NC.K.MD.3 NC.K.G.5 NC.K.G.6
		Note: This unit offers opportunities to observe the NCELI Number Concepts and Operations objectives.			
Big Ideas on the Elementary Report Card	<ul style="list-style-type: none"> Know number names and the count sequence. Count to tell the number of objects. Describe and compare measurable attributes. Classify objects and count the number of objects in categories. 		<ul style="list-style-type: none"> Know number names and the count sequence. Count to tell the number of objects. Compare numbers. Identify and describe shapes. Analyze, compare, create, and compose shapes. 		
Daily Routines	NC.K.CC.1, NC.K.CC.2, NC.K.CC.4, NC.K.CC.7, NC.K.OA.6		NC.K.CC.1, NC.K.CC.2, NC.K.CC.4, NC.K.CC.7, NC.K.OA.6, NC.K.NBT.1		
Assessment Days	6 days Including NKT BOY Assessment		4 days		

Standards with Limited Opportunity for a Level 4:
NC.K.CC.1, NC.K.CC.2, NC.K.CC.3, NC.K.G.2, NC.K.G.3

Please reference daily routines on CMAPP for specific standards that will spiral throughout the year. Of those daily routines, NC.K.CC.1 will be assessed each quarter. The remaining standards will be assessed when taught as outlined on the pacing guide, but some will spiral through the daily routines.

	First Quarter	Second Quarter	Third Quarter	Fourth Quarter
NC.K.CC.1	Rote Count to 20	Rote Count to 50	Rote Count to 70	Rote Count to 100
NC.K.CC.2	Rote Count from any number to 20	Rote Count from any number to 50	Rote Count from any number to 70	Rote Count from any number to 100
NC.K.CC.3	Write numbers 0-10	Write numbers 0-10	Write numbers 11-20	Write numbers 11-20

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		Third Quarter		Fourth Quarter	
Unit	Identifying, Describing, Classifying and Composing Shapes (cont'd)	Number Relationships Between & Among 1-10	Exploring Parts and Wholes with Joining and Separating	Exploring Parts and Wholes with Joining and Separating (cont'd)	Foundations of Place Value
Instructional Days	91-93 (3)	94-118 (25)	119-135 (17)	136-150 (15)	151-175 (21)
Standards Assessed	NC.K.CC.3 NC.K.G.1 NC.K.CC.5 NC.K.G.2 NC.K.CC.6 NC.K.G.3 NC.K.MD.1 NC.K.G.4 NC.K.MD.3 NC.K.G.5 NC.K.G.6	NC.K.CC.1 NC.K.OA.1 NC.K.CC.2 NC.K.OA.3 NC.K.CC.5 NC.K.OA.4 NC.K.CC.6 NC.K.OA.6 NC.K.CC.7	NC.K.OA.1 NC.K.OA.4 NC.K.OA.2 NC.K.OA.6 NC.K.OA.3 NC.K.CC.6	NC.K.OA.1 NC.K.OA.4 NC.K.OA.2 NC.K.OA.6 NC.K.OA.3 NC.K.CC.6	NC.K.NBT.1 NC.K.OA.3 NC.K.OA.4 NC.K.OA.5
Big Ideas on the Elementary Report Card	<ul style="list-style-type: none"> Know number names and the count sequence. Count to tell the number of objects. Compare numbers. Understand addition as putting together and adding to, and understand subtraction as taking apart and taking from. 			<ul style="list-style-type: none"> Count to tell the number of objects. Compare numbers. Understand addition as putting together and adding to, and understand subtraction as taking apart and taking from. Work with numbers 11-19 to gain foundations for place value. 	
Daily Routines	NC.K.CC.1, NC.K.CC.2, NC.K.CC.4, NC.K.CC.7, NC.K.OA.6, NC.K.NBT.1, NC.K.G.1, NC.K.G.2, NC.K.G.3, NC.K.G.4, NC.K.MD.1, NC.K.MD.2, NC.K.MD.3			NC.K.CC.2, NC.K.CC.4, NC.K.CC.7, NC.K.OA.6, NC.K.NBT.1, NC.K.G.1, NC.K.G.2, NC.K.G.3, NC.K.G.4, NC.K.MD.1, NC.K.MD.2, NC.K.MD.3	
Assessment Days	8 days Including Mid-Year Summative Assessment and NKT MOY Assessment			14 days (5 included on the unit guide and 9 for EOY window) Including End-Year Benchmark Assessment and NKT EOY Assessment	

Standards with Limited Opportunity for a Level 4:
NC.K.CC.1, NC.K.CC.2, NC.K.CC.3, NC.K.G.2, NC.K.G.3

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NC.K.CC.3	Write numbers 0-10	Write numbers 0-10	Write numbers 11-20	Write numbers 11-20