

**Kindergarten Mathematics Scope and Sequence  
2019-2020**

<b>Quarter 1</b>	<b>Standard(s)</b>	<b>SMP</b>	<b># Days (approx. # of weeks)</b>	<b>Dates</b>	
<b>Cluster 1:</b> Building a Mathematical Community through Exploring Attributes <i>Incorporate Week of Inspirational Math 4 into the first 5 days of math instruction.</i>	<i>Content Standards:</i> NC.K.MD.1 NC.K.MD.2 NC.K.MD.3 NC.K.G.1	1, 3, 7	14 days (≈3 weeks)	8/26-9/13	
<b>Cluster 2:</b> Understanding the Relationship between Numbers and Quantities	<i>Content Standards:</i> NC.K.CC.1 NC.K.CC.2 NC.K.CC.3 NC.K.CC.4 NC.K.CC.5 NC.K.MD.1 NC.K.MD.3 NC.K.G.3	4, 5, 6, 7	25 days (5 weeks)	9/16-10/18	
			<b>Total = 39 Days</b>		
<b>Review/Assessments/Extensions</b>			5 days (1 week)	10/21-10/25	
			<b>Total Days in Qtr. (44)</b>		
<b>Quarter 2</b>	<b>Standard(s)</b>	<b>SMP</b>	<b># Days (approx. # of weeks)</b>	<b>Dates</b>	
<b>Cluster 3:</b> Comparing Quantities with Counting and Spatial Relationships	<i>Content Standards:</i> 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.G.1	4, 5, 6, 7	19 days (≈4 weeks)	10/30–11/26	
<b>Cluster 4:</b> Identifying, Describing, Classifying, and Composing Shapes	<i>Content Standards:</i> NC.K.CC.3 NC.K.CC.5 NC.K.CC.6 NC.K.G.1 NC.K.G.2 NC.K.G.3 NC.K.G.4 NC.K.G.5 NC.K.G.6 NC.K.MD.1 NC.K.MD.3	3, 4, 6	22 days (≈4 weeks)	12/2–1/14	

\*\*K.CC.1 Rote count ongoing routine

Formative and summative assessments should be embedded throughout each quarter.

Standards are listed alphabetically or numerically within a cluster, **not in a suggested teaching order.**

Revised: 6/3/19

WS/FCS

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<b>Spiral Standards:</b> NC.K.G.3, NC.K.MD.2, NC.K.CC.2			<b>Total = 41 Days</b>		
<b>Review/DPI K Mid-Year Assessment /Extensions</b>			5 days (1 week))	1/15-1/22	
			<b>Total Days in Qtr. (46)</b>		

<b>Quarter 3</b>	<b>Standard(s)</b>	<b>SMP</b>	<b># Days (approx. # of weeks)</b>	<b>Dates</b>	
<b>Cluster 5:</b> Number Relationships between and among 1-10	<i>Content Standards:</i> NC.K.CC.1 NC.K.CC.2 NC.K.CC.5 NC.K.CC.6 NC.K.CC.7 NC.K.OA.1 NC.K.OA.3 NC.K.OA.4 NC.K.OA.6	1, 2, 3, 7	30 days (6 weeks)	1/27-3/6	
<b>Cluster 6:</b> (continues in Quarter 4) Exploring Parts and Wholes with Joining and Separating	<i>Content Standards:</i> NC.K.CC.6 NC.K.OA.1 NC.K.OA.2	2, 4, 5, 6	12 days (≈2 weeks)	3/9-3/24	
<b>Spiral Standards:</b> NC.K.MD.3, NC.K.G.6, NC.K.CC.4			<b>Total = 42 Days</b>		
<b>Review/Assessments/ Extensions</b>			3 days (≈1 week)	3/25-3/27	
			<b>Total Days in Qtr. (45)</b>		

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<b>Quarter 4</b>	<b>Standard(s)</b>	<b>SMP</b>	<b># Days (approx. # of weeks)</b>	<b>Dates</b>	
<b>Cluster 6:</b> (continued from Quarter 4) Exploring Parts and Wholes with Joining and Separating	<i>Content Standards:</i> NC.K.OA.3 NC.K.OA.4 NC.K.OA.6	2, 4, 5, 6	15 days (3 weeks)	3/31-4/28	
<b>Cluster 7:</b> Foundations of Place Value – Exploring Numbers 11-20	<i>Content Standards:</i> NC.K.NBT.1 NC.K.OA.3 NC.K.OA.4 NC.K.OA.5	2, 4, 7, 8	20 days (4 weeks)	4/29-5/27	
<b>Spiral Standards:</b> NC.K.CC.7, NC.K.OA.2, NC.K.OA.1			<b>Total = 35 Days</b>		
<b>Review/DPI K End of Year Summative Assessment/Extensions:</b>			10 days (2 weeks)	5/28-6/10	
			<b>Total Days in Qtr. (45)</b>		

**Standards for Mathematical Practice (SMP)**

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|---|---|
| 1. Make sense of problems and persevere in solving them.            | 4. Model with mathematics.                                |
| 2. Reason abstractly and quantitatively.                            | 5. Use appropriate tools strategically.                   |
| 3. Construct viable arguments and critique the reasoning of others. | 6. Attend to precision.                                   |
|   | 7. Look for and make use of structure.                    |
|   | 8. Look for and express regularity in repeated reasoning. |

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