

Grade 1 Mathematics Scope and Sequence 2019-2020

Quarter 1	Standard(s)	SMP	# of Days (approx. # of weeks)	Dates	
Cluster 1: Using Numbers to Explore Our Mathematical Community <i>Incorporate Week of Inspirational Math-Like Activities (see Lessons 1-6 on UPO or Tools4NCTeachers for Cluster #1) into the first days of math instruction.</i>	<i>Content Standards:</i> NC.1.NBT.1 NC.1.NBT.2 NC.1.NBT.7 NC.1.MD.4	1, 2, 3, 4, 7	19 days (≈4 weeks)	8/26-9/20	
Cluster 2: Building a Conceptual Understanding of Addition and Subtraction	<i>Content Standards:</i> NC.1.OA.1 NC.1.OA.3 NC.1.OA.6 NC.1.OA.7 NC.1.OA.9	1, 2, 4, 7, 8	20 days (4 weeks)	9/23-10/18	
Spiral Standards: NC.K.CC.1, NC.K.NBT.1, NC.K.OA.2			Total = 39 Days		
Review/Assessment/Extensions			5 days (1 week)	10/21-10/25	
			Total Days in Qtr. (44)		
Quarter 2	Standard(s)	SMP	# of Days (approx. # of weeks)	Dates	
Cluster 3: Understanding Equality and Place Value to Compare Numbers	<i>Content Standards:</i> NC.1.NBT.1 NC.1.NBT.2 NC.1.NBT.3 NC.1.NBT.7 NC.1.MD.4 NC.1.OA.1	1, 4, 5, 6, 7, 8	24 days (≈5 weeks)	10/30-12/6	
Cluster 4: Understanding Measurement as a Context to Compare Numbers	<i>Content Standards:</i> NC.1.MD.1 NC.1.MD.2 NC.1.NBT.3 NC.1.OA.2 NC.1.OA.7 NC.1.OA.8	1, 2, 5, 6, 7, 8	17 days (≈3 weeks)	12/9-1/14	
Spiral Standards: , NC.1.OA.3, NC.1.OA.6, NC.1.OA.9			Total = 41 Days		
Review/DPI Gr 1 Mid-Year Assessment/Extensions			5 days (1 week)	1/15-1/22	
			Total Days in Qtr. (46)		

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.**

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Quarter 3	Standard(s)	SMP	# of Days (approx. # of weeks)	Dates	
Cluster 5: Operating with Place Value	<i>Content Standards:</i> NC.1.NBT.1 NC.1.NBT.2 NC.1.NBT.4 NC.1.NBT.5 NC.1.NBT.6 NC.1.OA.1 NC.1.OA.3 NC.1.OA.7	1, 2, 3, 4, 5, 7	27 days (≈6 weeks)	1/27-3/3	
Cluster 6: Distinguishing and Composing Shapes	<i>Content Standards:</i> NC.1.G.1 NC.1.G.2	1, 3, 4, 5, 6	15 days (3 weeks)	3/4-3/24	
Spiral Standards: NC.1.NBT.3, NC.1.OA.2, NC.1.OA.8			Total = 42 Days		
Review/Assessment/Extensions			3 days (≈1 week)	3/25-3/27	
			Total Days in Qtr. (45)		
Quarter 4	Standard(s)	SMP	# of Days (approx. # of weeks)	Dates	
Cluster 7: Partitioning and Telling Time to the Hour and Half Hour	<i>Content Standards:</i> NC.1.MD.3 NC.1.G.3	1, 2, 3, 4, 6, 7	15 days (3 weeks)	3/31-4/28	
Cluster 8: Developing Flexibility with Number	<i>Content Standards:</i> NC.1.OA.1 NC.1.OA.2 NC.1.OA.3 NC.1.OA.4 NC.1.OA.6 NC.1.OA.9 NC.1.MD.5	1, 2, 4, 7, 8	20 days (4 weeks)	4/29-5/27	
Spiral Standards: NC.1.NBT.4, NC.1.NBT.5, NC.1.NBT.6			Total = 35 Days		
Review/DPI Gr 1 End of Year Summative Assessment/Extensions			10 days (≈2 weeks)	5/28-6/10	
			Total Days in Qtr. (45)		

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Standards for Mathematical Practice (SMP)

1. Make sense of problems and persevere in solving them.
2. Reason abstractly and quantitatively.
3. Construct viable arguments and critique the reasoning of others.
4. Model with mathematics.
5. Use appropriate tools strategically.
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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