

NC Check-Ins

**Grade 5 Mathematics Scope and Sequence
2019-2020**

Quarter 1	Standard(s)	SMP	# of Days (approx. # of weeks)	Dates
Cluster 1: Creating Classroom Community through Data and Graphing <i>Incorporate Week of Inspirational Math 4 into the first 5 days of math instruction.</i>	<i>Content Standards:</i> NC.5.MD.2 NC.5.G.1 NC.5.OA.3	1, 2, 3, 4, 8	14 days (≈3 weeks)	8/26-9/13
Cluster 2: Using Models to Explore Properties of Multiplication and Division	<i>Content Standards:</i> NC.5.OA.2 NC.5.NBT.5 NC.5.NBT.6 NC.5.MD.4 NC.5.MD.5	1, 2, 4, 5, 6	25 days (5 weeks)	9/16-10/18
Spiral Standards: NC.4.OA.3, NC.4.NBT.5, NC.4.NBT.6			Total = 39 Days	
Review/NC Check-In #1/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: Using Models to Multiply and Divide Fractions	<i>Content Standards:</i> NC.5.NF.3 NC.5.NF.4 NC.5.NF.7 NC.5.OA.2	1, 2, 3, 4, 5, 6, 7, 8	19 days (≈4 weeks)	10/30-11/26
Cluster 4: Understanding Place Value and Decimal in the Context of Metric Measurement	<i>Content Standards:</i> NC.5.NBT.1 NC.5.NBT.3 NC.5.MD.2	1, 4, 6, 7, 8	15 days (3 weeks)	12/2-12/20
Cluster 5: <i>(continues in Quarter 3)</i> Using Models to Add and Subtract Decimals and Fractions	<i>Content Standards:</i> NC.5.NBT.7	1, 2, 3, 4, 5, 6, 7, 8	7 days (≈1 week)	1/6-1/14
Spiral Standards: NC.5.NBT.5, NC.5.NBT.6, NC.5.MD.5			Total = 41 Days	
Review/NC Check-In #2/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 with clusters are listed alphabetically or numerically, **not in a suggested teaching order.**

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Quarter 3	Standard(s)	SMP	# of Days (approx. # of weeks)	Dates
Cluster 5: (continued from Quarter 2) Using Models to Add and Subtract Decimals and Fractions	<i>Content Standards:</i> NC.5.NF.1 NC.5.OA.2	1, 2, 3, 4, 5, 6, 7, 8	15 days (3 weeks)	1/27-2/14
Cluster 6: (continues in Quarter 4) Using Models to Multiply and Divide of Whole Numbers, Decimals and Fractions	<i>Content Standards:</i> NC.5.NBT.5 NC.5.NBT.6 NC.5.NBT.7 NC.5.NF.4 NC.5.NF.7	1, 2, 3, 4, 5, 6, 7, 8	25 days (5 weeks)	2/17-3/20
Spiral Standards: NC.5.NBT.1, NC.5.NBT.3, NC.5.NF.3			Total = 40 Days	
Review/NC Check-In #3/ Extensions			5 days (1 week)	3/23-3/27
			Total Days in Qtr. (45)	
Quarter 4	Standard(s)	SMP	# of Days (approx. # of weeks)	Dates
Cluster 6: (continued from Quarter 3) Using Models to Multiply and Divide of Whole Numbers, Decimals and Fractions	<i>Content Standards:</i> NC.5.MD.1 NC.5.OA.2	1, 2, 3, 4, 5, 6, 7, 8	8 days (≈2 weeks)	3/31-4/9
Cluster 7: Classifying Quadrilaterals	<i>Content Standards:</i> NC.5.G.1 NC.5.G.3	1, 2, 3, 4, 6	10 days (2 weeks)	4/20-5/1
Spiral Standards: NC.5.NBT.7, NC.5.NF.1, NC.5.NF.4 NC.5.NF.7			Total = 18 Days	
Review/EOG/Extensions			27 days (≈5 weeks)	5/4-6/10
			Total Days in Qtr. (45)	

Standards for Mathematical Practice (SMP)

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| <ol style="list-style-type: none"> 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. | <ol style="list-style-type: none"> 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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