

NC Check-Ins

Grade 4 Mathematics Scope and Sequence 2019-2020

**NC.4.OA.3 is addressed on an ongoing basis throughout the year.*

Quarter 1	Standard(s)	SMP	# of Days (approx. # of weeks)	Dates
Cluster 1: Building a Math Community through Real Data <i>Incorporate Week of Inspirational Math-Like Activities (see Lessons 1-4 on UPO or Tools4NCTeachers for Cluster #1) into the first days of math instruction.</i>	<i>Content Standard:</i> NC.4.MD.4 <i>Supporting Standard:</i> NC.4.NBT.4	2, 4, 5, 6	9 days (≈2 weeks)	8/26-9/6
Cluster 2: Explore Multiplicative Comparison, Area and Perimeter, Factors, and Multiples	<i>Content Standards:</i> NC.4.OA.1 NC.4.OA.4 NC.4.MD.3 NC.4.OA.3	1, 2, 3, 4, 7, 8	20 days (4 weeks)	9/9-10/4
Cluster 3:(continues in Quarter 2): Use Place Value Strategies to Add and Subtract Whole Numbers	<i>Content Standards:</i> NC.4.NBT.1 NC.4.NBT.2 NC.4.NBT.7 NC.4.NBT.4	1, 2, 3, 6, 7	10 days (2 weeks)	10/7-10/18
Spiral Standards: NC.3.OA.3, NC.3.OA.8, NC.3.NF.3	See Unpacking Document for details		Total = 39 Days	
Review/NC Check-In #1/Extensions			5 days (1 week)	10/21-10/25
<i>*NC.4.OA.3 is addressed on an ongoing basis throughout the year.</i>			Total Days in Qtr. (44)	
Quarter 2	Standard(s)	SMP	# of Days (approx. # of weeks)	Dates
Cluster 3(continued from Quarter 1): Use Place Value Strategies to Add and Subtract Whole Numbers	<i>Content Standard:</i> NC.4.OA.3 <i>Supporting Standards:</i> NC.4.OA.1 NC.4.MD.8	1, 2, 3, 6, 7	8 days (≈2 weeks)	10/30-11/8
Cluster 4: Develop Multi-Digit Multiplication and Division Strategies through Meaningful Contexts and Models	<i>Content Standards:</i> NC.4.NBT.5 NC.4.NBT.6 NC.4.MD.3 NC.4.OA.3 <i>Supporting Standards:</i> NC.4.OA.1 NC.4.NBT.1	1, 2, 3, 4, 5, 6, 7	28 days (≈6 weeks)	11/12-1/7
Cluster 5(continues in Quarter 3): Extend the Understanding of Fractions	<i>Content Standard:</i> NC.4.NF.4.1	2, 3, 4, 5, 8	5 days (1 week)	1/8-1/14
Spiral Standards: NC.4.OA.4, NC.4.NBT.4	See Unpacking Document for details		Total = 41 Days	
Review/NC Check-In #2/Extensions			5 days (1 week)	1/15-1/22
<i>*NC.4.OA.3 is addressed on an ongoing basis throughout the year.</i>			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.**

Revised: 6/3/19

WS/FCS

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Grade 4 Mathematics Scope and Sequence 2019-2020

Quarter 3	Standard(s)	SMP	# of Days (approx. # of weeks)	Dates
Cluster 5 (continued from Quarter 2): Extend the Understanding of Fractions	<i>Content Standard:</i> NC.4.NF.2	2, 3, 4, 5, 8	10 days (2 weeks)	1/27-2/7
Cluster 6: Making Connections to Decimal Notation	<i>Content Standards:</i> NC.4.NF.6 NC.4.NF.7	2, 4, 5, 7, 8	5 days (1 week)	2/10-2/14
Cluster 7: Understand Operations with Fractions and Decimals	<i>Content Standards:</i> NC.4.NF.3 NC.4.NF.4 NC.4.NF.6	1, 2, 3, 4, 6	25 days (5 weeks)	2/17-3/20
Spiral Standards: NC.4.MD.8, NC.4.NBT.5, NC.4.NBT.6	See Unpacking Document for details		Total = 40 days	
Review/NC Check-In #3/Extensions			5 days (1 week)	3/23-3/27
<i>*NC.4.OA.3 is addressed on an ongoing basis throughout the year.</i>			Total Days in Qtr. (45)	
Quarter 4	Standard(s)	SMP	# of Days (approx. # of weeks)	Dates
Cluster 8: Apply Geometric Concepts	<i>Content Standards:</i> NC.4.G.1 NC.4.G.2 NC.4.G.3 NC.4.MD.6 <i>Supporting Standards:</i> NC.4.OA.3 NC.4.OA.5	1, 2, 3, 4, 5, 6,	13 days (≈3 weeks)	3/31-4/24
Cluster 9: Use Place Value to Understand Metric Measurement	<i>Content Standards:</i> NC.4.MD.1 NC.4.MD.2 NC.4.MD.8 NC.4.NF.6 NC.4.NF.7 NC.4.OA.5 <i>Supporting Standards:</i> NC.4.MD.3 NC.4.MD.4	1, 2, 4, 7, 8	15 days (3 weeks)	4/27-5/15
Spiral Standards: NC.4.NF.1, NC.4.NF.2, NC.4.NF.4	See Unpacking Document for details		Total = 28 days	
Review/EOG/Extensions			17 days (≈3 weeks)	5/18-6/10
<i>*NC.4.OA.3 is addressed on an ongoing basis throughout the year.</i>			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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