

### 3<sup>rd</sup> Grade Mathematics Scope and Sequence 2021-2022

		First Quarter			Second Quarter		
Unit	Building Mathematical Community & Understanding Equal Groups	Using Data to Solve Problems	Stories with Addition & Subtraction	Stories with Addition & Subtraction (cont'd)	Making Sense of Multiplication & Division	Reasoning with Shapes and their Attributes	
Instructional Days	2-20 (19)	21-26 (6)	27-45 (19)	46-49 (4)	52-80 (29)	81-90 (10)	
Standards Assessed	NC.3.OA.1 NC.3.OA.3 NC.3.OA.9	NC.3.MD.3	NC.3.OA.8 NC.3.NBT.2	NC.3.OA.8 NC.3.NBT.2	NC.3.OA.1 NC.3.OA.2 NC.3.OA.3 NC.3.OA.6	NC.3.OA.7 NC.3.OA.8 NC.3.OA.9 NC.3.NBT.3 NC.3.G.1	
Big Ideas on the Elementary Report Card	<ul style="list-style-type: none"> <li>Represent and solve problems involving multiplication and division.</li> <li>Multiply and divide within 100.</li> <li>Represent and interpret data.</li> <li>Use place value understanding and properties of operations to perform multi-digit arithmetic.</li> </ul>			<ul style="list-style-type: none"> <li>Use place value understanding and properties of operations to perform multi-digit arithmetic.</li> <li>Solve problems involving the four operations, and identify and explain patterns in arithmetic.</li> <li>Understand properties of multiplication and the relationship between multiplication and division.</li> <li>Multiply and divide within 100.</li> <li>Reason with shapes and their attributes.</li> </ul>			
Assessment Days	4 days Including BOY Star Math Screener			6 days Including Quarterly Benchmark Assessment for Quarter 1			
		Third Quarter			Fourth Quarter		
Unit	Applying the Operations to Area & Perimeter	Understanding Fractions as Parts of a Whole	Using Tools to Measure Length, Weight, and Capacity	Understanding Time			
Instructional Days	94-104 (12)	105-134 (33)	137-152 (17)	153-160 (8)			
Standards Assessed	NC.3.MD.5 NC.3.MD.7 NC.3.MD.8	NC.3.NF.1 NC.3.NF.2 NC.3.NF.3 NC.3.NF.4	NC.3.MD.2	NC.3.MD.1			
Big Ideas on the Elementary Report Card	<ul style="list-style-type: none"> <li>Geometric measurement: understand concepts of area and relate area to multiplication and to addition.</li> <li>Geometric measurement: recognize perimeter as an attribute of plane figures and distinguish between linear and area measures.</li> <li>Develop understanding of fractions as numbers.</li> </ul>		<ul style="list-style-type: none"> <li>Solve problems involving measurement and estimation of intervals of time, liquid volumes, and masses of objects.</li> <li>Solve problems involving the four operations, and identify and explain patterns in arithmetic.</li> </ul>				
Assessment Days	7 days Including MOY Star Math Screener & Quarterly Benchmark Assessment for Quarters 2 & 3		4 days Including EOY Star Math Screener Not including EOGs				

Standards with Limited Opportunity for a Level 4:

NC.3.OA.1, NC.3.OA.2, NC.3.OA.6, NC.OA.7, NC.OA.9, NC.NBT.3,  
NC.3.NF.1, NC.3.NF.2, NC.3.NF.4, NC.3.MD.1, NC.3.MD.5

*Last updated 6/14/2021*