

# 3rd Grade Instructional Math Scope and Sequence

Q	Unit	Standards - On Level	Standards - Instructional
1	1 - Area, Multiplication, and Division Introduction	<p>3.MD.5 (Area is measured in square units)</p> <p>3.MD.6 (Area by counting)</p> <p>3.OA.1 (Interpret products of whole numbers)</p> <p>3.OA.2 (Interpret quotients of whole numbers)</p> <p>3.OA.7 (0,1,5,10 multiplication and division facts)</p> <p>3.OA.9 (Identify arithmetic patterns and explain using properties)</p>	<p><b>Power Standards</b></p> <p>3.MD.5 (Area is measured in square units)</p> <p>3.MD.6 (Area by counting)</p> <p>3.OA.1 (Interpret products of whole numbers)</p> <p>3.OA.2 (Interpret quotients of whole numbers)</p> <p><b>Secondary Standards</b></p> <p>3.OA.7 (0,1,5,10 multiplication and division facts)</p> <p>3.OA.9 (Identify arithmetic patterns and explain using properties)</p>
	2 - Rounding, Adding/Subtracting, and Time	<p>3.NBT.1 (Round to nearest 10 or 100 - 3-digit numbers)</p> <p>3.NBT.2 (Add and subtract within 1000)</p> <p>3.OA.8 (Solve two-step word problems with addition and subtraction)</p> <p>3.MD.1 (Tell time to nearest minute and solve problems involving elapsed time)</p>	<p><b>Power Standards</b></p> <p>3.OA.8 (Solve two-step word problems with addition and subtraction)</p> <p>3.MD.1 (Tell time to nearest minute and solve problems involving elapsed time)</p> <p>3.NBT.2 (Add and subtract within 1000 with regrouping)</p> <p><b>Secondary Standards</b></p> <p>*3.NBT.1 (Round to nearest 10 or 100 - 3-digit numbers)</p>
2	3 - Multiplication and Division	<p>3.OA.3 (Solve word problems involving <math>\times</math> and <math>\div</math> with equal groups, arrays, and measurement)</p> <p>3.OA.4 (Determine unknowns in multiplication and division equations)</p> <p>3.OA.5 (Apply properties to solve problems - commutative and associative)</p> <p>3.OA.6 (Understand division as unknown factor problems)</p> <p>3.OA.7 (2,4,8 multiplication and division facts)</p> <p>3.OA.8 (Solve two-step word problems)</p>	<p><b>Power Standards</b></p> <p>3.OA.3 (Solve word problems involving <math>\times</math> and <math>\div</math> with equal groups, arrays, and measurement)</p> <p>3.OA.5 (Apply properties to solve problems - commutative and associative)</p> <p>3.OA.6 (Understand division as unknown factor problems)</p> <p>3.OA.8 (Solve two-step word problems)</p> <p><b>Secondary Standards</b></p> <p>3.OA.7 (2,4,8 multiplication and division facts)</p> <p>3.OA.4 (Determine unknowns in multiplication and division equations)</p>
	4 - Fractions	<p>3.NF.1 (Understand fraction representations)</p> <p>3.G.2 (Partition shapes and represent as fractions)</p> <p>3.NF.2 (Fractions on a number line)</p>	<p><b>Power Standards</b></p> <p>3.NF.1 (Understand fraction representations)</p> <p>3.G.2 (Partition shapes and represent as fractions)</p> <p><b>Secondary Standards</b></p> <p>3.NF.2 (Fractions on a number line)</p>

3	5 - Area and Perimeter Applications	<p><b>3.MD.7</b> (Area concepts)  <b>3.MD.8</b> (Perimeter)  <b>3.OA.5</b> (Apply properties to solve problems- associative and distributive)  <b>3.OA.7</b> (3,6,9 multiplication/division and 7 x 7)  <b>3.OA.8</b> (Solve two-step word problems)  <b>3.NBT.3</b> (Multiply 1-digit whole number by multiples of 10)</p>	<p><b>Power Standards</b>  <b>3.MD.7</b> (Area concepts)  <b>3.MD.8</b> (Perimeter)  <b>3.OA.5</b> (Apply properties to solve problems- associative and distributive)  <b>3.OA.8</b> (Solve two-step word problems)</p> <p><b>Secondary Standards</b>  <b>3.OA.7</b> (3,6,9 multiplication/division and 7 x 7)  <b>*3.NBT.3</b> (Multiply 1-digit whole number by multiples of 10) - Foundation for area model</p>
	6 - Equivalent Fractions and Line Plots	<p><b>3.NF.3</b> (Equivalent fractions &amp; comparison)  <b>3.MD.3</b> (Solve "how many more" questions about a scaled picture graph and bar graph)  <b>3.MD.4</b> (Measure to the nearest <math>\frac{1}{2}</math> inch and represent data in a line plot and <math>\pi</math>)</p>	<p><b>Power Standards</b>  <b>3.NF.3</b> (Equivalent fractions &amp; comparison)</p> <p><b>Secondary Standards</b>  <b>3.MD.3</b> (Solve "how many more" questions about a scaled picture graph and bar graph)  <b>3.MD.4</b> (Measure to the nearest <math>\frac{1}{2}</math> inch and represent data in a line plot and <math>\pi</math>)</p>
4	7 - Geometry and Measurement	<p><b>3.G.1</b> (Quadrilaterals)  <b>3.MD.2</b> (Measure mass and volume in g, kg, l, ml and solve +, -, x and <math>\pi</math> problems)</p>	<p><b>Power Standards</b>  <b>3.G.1</b> (Quadrilaterals)  <b>3.NF.3</b> (Equivalent fractions &amp; comparison)</p> <p><b>Secondary Standards</b>  <b>3.MD.2</b> (Measure mass and volume in g, kg, l, ml and solve +, -, x and <math>\pi</math> problems)</p>
	8 - Solving Problems	<p><b>3.OA.8</b> (Solve two-step word problems)</p>	<p><b>Power Standards</b>  <b>3.OA.8</b> (Solve two-step word problems)  <b>3.OA.2</b> Explore Division Concepts</p> <p><b>Secondary Standards</b>  <b>*3.NBT.1</b> (Round to nearest 10 or 100 - 3-digit numbers)</p>

Power Standards - Focus of Grade Level Instruction and Assessment

Major Content Standards      Supporting Standards/Additional Standards

Secondary - Introduce/Practice during math meeting/number talks, stations

Instructional Level Math - [Bridges Volume 5](#)