

3rd Grade Math Curriculum Map

Grade: 3 Content: Math Teacher: T. O'Donnell

Unit	Time period	Focus Standard	Assessment	Essential Question	Resources	Differentiation
Unit 1 Place Value and Problem Solving (25 days)	40 +/- Days	3.NBT.1 3.NBT.2 3.NBT.3 3.NBT.4A 3.NBT.4B	<p><u>Formative Assessments:</u> Class Discussions Observations Teacher Notes</p> <p><u>Summative Assessments:</u> Place Value Assessment</p> <p>Addition assessment within 1,000</p> <p>Subtraction assessment within 1,000</p> <p>Rounding Numbers Assessment to the nearest 10 and 100</p>	<p>How does place value play a role in addition and subtraction?</p> <p>How does place value aid in rounding whole numbers to the nearest 10 and 100?</p> <p>How does understanding the properties of addition aid in solving multi-digit addition/subtraction?</p>	<p>Next Generation Learning Standards</p> <p>McGraw-Hill My Math</p> <p>Coach Book</p> <p>Internet Access (Smart exchange, Commoncoresheets.com, pinterest)</p> <p>Reflex Math addition/subtraction</p> <p>Splash Math</p>	<p>Reteach in small group</p> <p>Multiple strategies presented</p> <p>Modified Homework/assessments</p> <p>Use tactics that include visual, tactile, auditory, and kinesthetic senses - videos, hands on activities, manipulatives, anchor charts</p> <p>Task Cards - Small Groups</p> <p>Think-Pair-Share</p> <p>Interactive Math Notebooks</p>

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Unit 2 Represent and Solve problems involving Multiplication and Division	40 +/- Days	3.OA.1 3.OA.2 3.OA.3 3.OA.4 3.OA.5 3.OA.6 3.OA.7A 3.OA.7B 3.OA.8A 3.OA.8B 3.OA.9	Formative Assessments: Class discussions Observations Teacher Notes Summative Assessments: Multiplication of whole numbers 0-12 Properties of multiplication Determining the unknown number in a multiplication equation Division of whole numbers 0-12 Fact Families Determining the unknown number in a division equation Solve one and two step word problems using the four operations	Can students interpret products of whole numbers? Can students use multiplication within 100 to solve word problems in situations involving equal groups, arrays, and measurement quantities? Can students apply properties of operations as strategies to multiply? Can students identify arithmetic patterns in the multiplication table? Can students interpret whole number quotients? Can students determine the unknown in a division equation? Can students fluently divide within 100? Can students use strategies such as the relationship between multiplication and division to solve a division equation?	Next Generation Learning Standards McGraw-Hill My Math Coach Book Internet Access (Smart exchange, Commoncoresheets.com, pinterest) Reflex Math Multiplication/Division Splash Math	Reteach in small group Multiple strategies presented Modified Homework/assessments Use tactics that include visual, tactile, auditory, and kinesthetic senses - videos, hands on activities, manipulatives, anchor charts Task Cards - Small Groups Think-Pair-Share Interactive Math Notebooks
Understand Properties of Multiplication and the relationship between Multiplication and Division						
Multiply and Divide within 100						
Solve Problems involving the four operations						

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Unit 3 Measurement & Data: Time	10 days +/-	3.MD.1	Formative Assessments: Class discussions Observations Teacher Notes Summative Assessments: Time to the nearest 5 minutes, time to the nearest minute, Elapsed time	Can students tell time to the nearest minute on the clock and a numberline? Can students measure time intervals in minutes? Can students solve word problems involving addition and subtraction of time intervals in minutes?	Next Generation Learning Standards McGraw-Hill My Math Coach Book Internet Access (Smart exchange, Commoncoresheets.com, pinterest) Reflex Math Multiplication/Division Splash Math	Reteach in small group Multiple strategies presented Modified Homework/assessments Use tactics that include visual, tactile, auditory, and kinesthetic senses -videos, hands on activities, manipulatives, anchor charts Task Cards - Small Groups Think-Pair-Share Interactive Math Notebooks

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Unit 4 Measurement & Data: Liquid Volumes and Masses of Objects	10+/- days	3.MD.2A 3.MD.2B 3.MD.4	Formative Assessments: Class discussions Observations Teacher Notes Summative Assessments: Measure and estimate liquid volumes and masses of objects using grams, kilograms, liters, and milliliters Solve one step word involving masses or liquid volumes that are given the same units Measure lengths using a ruler marked with halves and fourths	Can students measure and estimate liquid volumes and masses using standard units of grams, kilograms, liters, and milliliters? Can students solve one step word involving masses or liquid volumes that are given the same units? Can students measure lengths using rulers marked with halves, and fourths of an inch?	Next Generation Learning Standards McGraw-Hill My Math Coach Book Internet Access (Smart exchange, Commoncoreshe ets.com, pinterest) Reflex Math Multiplication/ Division Splash Math	Reteach in small group Multiple strategies presented Modified Homework/assessments Use tactics that include visual, tactile, auditory, and kinesthetic senses - videos, hands on activities, manipulatives, anchor charts Task Cards - Small Groups Think-Pair-Share Interactive Math Notebooks

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Unit 5 Measurement & Data: Represent and Interpret Data (Graphing)	10 +/- days	3.MD.3 3.MD.4	Formative Assessments: Class discussions Observations Teacher Notes Summative Assessments: Draw a scaled pictograph Draw a scaled bar graph Draw a line plot Solve one and two step problems using the data from the graphs	Can students draw a scaled pictograph and a scaled bar graph to represent data? Can students use information presented in a scaled bar graph and pictograph to solve one and two step problems based on the graphs? Can students show data by making a line plot where the horizontal scale is marked of by whole numbers, halves or quarters?	Next Generation Learning Standards McGraw-Hill My Math Coach Book Internet Access (Smart exchange, Commoncoresheets.com, pinterest) Reflex Math Multiplication/ Division Splash Math	Reteach in small group Multiple strategies presented Modified Homework/assessments Use tactics that include visual, tactile, auditory, and kinesthetic senses - videos, hands on activities, manipulatives, anchor charts Task Cards - Small Groups Think-Pair-Share Interactive Math Notebooks

