

Math Pacing Guide 3rd Grade

\*\*\*\*\*NOTE: See [NJSL Math](#)

Grade / Math / Unit # 1 - Multiplication and Division				
Time Frame	Primary Math Skills	Instructional Strategy	Academic Vocabulary	Standards & Math Practice
5 days	Building a Math Community <ul style="list-style-type: none"> <li>● Introduce Math Routines</li> <li>● Introduce Math online resources - Reflex Math and IXL</li> <li>● Allow time for students to explore math program</li> <li>● Model Must Do, Can do items</li> </ul>	Discuss Productive Struggle  Growth mindset vs. fixed mindset  Model & Practice Daily Math Routines  Model and Practice using On-Line Programs  Develop Classroom Discussion Norms  Assess student's math knowledge		
8 days	Review Second Grade Skills <ul style="list-style-type: none"> <li>● Place Value</li> <li>● Addition                             <ul style="list-style-type: none"> <li>○ With and without regrouping</li> </ul> </li> <li>● Subtraction                             <ul style="list-style-type: none"> <li>○ With and without regrouping</li> <li>○ Across zeros</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>● Second Grade Savvaas materials</li> <li>● BrainpopJr - Place Value, Adding with regrouping, Subtracting without regrouping, Subtracting with regrouping</li> <li>● IXL - B2, B3, B4, C1, C7, D1, D4, D8</li> </ul>		3.NBT.A.1 3.NBT.A.2 3.MD.A.2 3.OA.C.7 3.OA.D.8 3.OA.D.9 NBT.3 3.NBT.A.2 3.OA.C.7 3.OA.D.8

<p>10-13 days</p> <p>Topic 1</p>	<ul style="list-style-type: none"> <li>● Multiplication strategies <ul style="list-style-type: none"> <li>○ Repeated addition</li> <li>○ Number line</li> <li>○ Arrays and properties</li> </ul> </li> <li>● Division strategies <ul style="list-style-type: none"> <li>○ Partitioning</li> <li>○ Equal groups</li> </ul> </li> <li>● Appropriate tools</li> </ul>	<ul style="list-style-type: none"> <li>● Manipulatives</li> <li>● Reflex Math</li> <li>● IXL - Activities E-M; N - 1, 2, 5, 6, 7, 8, 9, 10; O- 1, 3, 4, 5; P- 10, 11; Q-6; S- 10, 11</li> <li>● Games</li> <li>● enVisions 2020 Topic 1</li> <li>● Flashcards</li> <li>● Review what you know</li> <li>● Pick a Project</li> <li>● Problem Solving Reading Activity</li> <li>● 3-Act Math</li> <li>● Basic Math Timed Tests</li> <li>● Performance Tasks</li> <li>● STEM Activity</li> <li>● Brain Pop Jr. Videos - Repeated Addition, Arrays, Making Equal Groups</li> </ul>	<ul style="list-style-type: none"> <li>● Equal groups</li> <li>● Multiplication</li> <li>● Factors</li> <li>● Products</li> <li>● Equation</li> <li>● Unknown</li> <li>● Number line</li> <li>● Array</li> <li>● Row</li> <li>● Column</li> <li>● Commutative property of multiplication</li> <li>● division</li> </ul>	<p>3.OA.A.1 - 3.OA.A.3 3.OA.A.5 3.OA.B.5</p> <p>Mathematical Practice: 1-8</p>
<p>9-12 days</p> <p>Topic 2</p>	<ul style="list-style-type: none"> <li>● Multiplication facts</li> <li>● Patterns</li> </ul>	<ul style="list-style-type: none"> <li>● Manipulatives</li> <li>● Reflex Math</li> <li>● IXL - Activities E-M; N - 1, 2, 5, 6, 7, 8, 9, 10; O- 1, 3, 4, 5; P- 10, 11; Q-6; S- 10, 11</li> <li>● Games</li> <li>● enVisions 2020 Topic 2</li> <li>● Flashcards</li> <li>● Review what you know</li> <li>● Pick a Project</li> <li>● Problem Solving Reading Activity</li> <li>● Performance Task</li> <li>● STEM activity</li> </ul>	<ul style="list-style-type: none"> <li>● Multiple</li> <li>● Identity property of multiplication</li> </ul>	<p>3.OA.A.1 3.OA.A.3 3.OA.A.5 3.OA.A.7 3.OA.A.9</p> <p>Mathematical Practice: 1-8</p>

		<ul style="list-style-type: none"> <li>● Basic Math Timed Tests</li> <li>● Brain Pop Jr. Videos - Multiply by 0 and 1</li> </ul>		
10-15 days Topic 3	<ul style="list-style-type: none"> <li>● Patterns</li> <li>● Multiplication facts</li> <li>● Distributive Property</li> <li>● Associative Property</li> <li>● Reasoning</li> </ul>	<ul style="list-style-type: none"> <li>● Manipulatives</li> <li>● Reflex Math</li> <li>● IXL - Activities E-M; N - 1, 2, 5, 6, 7, 8, 9, 10; O- 1, 3, 4, 5; P- 10, 11; Q-6; S- 10, 11</li> <li>● Games</li> <li>● enVisions 2020 Topic 3</li> <li>● Flashcards</li> <li>● Review what you know</li> <li>● Pick a Project</li> <li>● Problem Solving Reading Activity</li> <li>● 3-Act Math</li> <li>● Basic Math Timed Tests</li> <li>● Performance Tasks</li> <li>● STEM activity</li> </ul>	<ul style="list-style-type: none"> <li>● Distributive Property</li> <li>● Associative Property</li> </ul>	<p>3.OA.A.1 - 3.OA.A.3 3.OA.B.5 3.OA.C.7 3.OA.D.9 3.MD.C.7</p> <p>Mathematical Practice: 1-8</p>
11-14 days Topic 4	<ul style="list-style-type: none"> <li>● Division facts</li> <li>● Relate multiplication and division</li> <li>● Patterns</li> </ul>	<ul style="list-style-type: none"> <li>● Manipulatives</li> <li>● Reflex Math</li> <li>● IXL - Activities E-M; N - 1, 2, 5, 6, 7, 8, 9, 10; O- 1, 3, 4, 5; P- 10, 11; Q-6; S- 10, 11</li> <li>● Games</li> <li>● enVisions 2020 Topic 4</li> <li>● Flashcards</li> <li>● Review what you know</li> <li>● Pick a Project</li> <li>● Problem Solving Reading Activity</li> <li>● Basic Math Timed Tests</li> <li>● Performance Tasks</li> </ul>	<ul style="list-style-type: none"> <li>● Fact family</li> <li>● Dividend</li> <li>● Divisor</li> <li>● Quotient</li> <li>● Even number</li> <li>● Odd number</li> </ul>	<p>3.OA.A.3 3.OA.A.4 3.OA.B.5 3.OA.B.6 3.OA.C.7 3.OA.D.8</p> <p>Mathematical Practice: 1-8</p>

		<ul style="list-style-type: none"> <li>• STEM activity</li> <li>• Brain Pop Jr. Videos - Repeated Subtraction</li> </ul>		
2 days Topics 1-4	Benchmark Assessment	<ul style="list-style-type: none"> <li>• Complete online assessment</li> <li>• Review expectations when completing online math assessments</li> </ul>		3.OA.A.1 - 3.OA.A.3 3.OA.A.4 3.OA.A.5 3.OA.A.7 3.OA.A.9 3.OA.B.5 3.OA.B.6 3.OA.C.7 3.OA.D.8 3.OA.D.9  Mathematical Practice: 1-8
9-13 days Topic 5	<ul style="list-style-type: none"> <li>• Multiplication Patterns</li> <li>• Using a Table</li> <li>• Multiplication and Division Word Problems</li> <li>• Writing math stories</li> <li>• Compare expressions</li> </ul>	<ul style="list-style-type: none"> <li>• Manipulatives</li> <li>• Reflex Math</li> <li>• IXL - Activities E-M; N - 1, 2, 5, 6, 7, 8, 9, 10; O- 1, 3, 4, 5; P- 10, 11; Q-6; S- 10, 11</li> <li>• Games</li> <li>• enVisions 2020 Topic 5</li> <li>• Flashcards</li> <li>• Review what you know</li> <li>• Pick a Project</li> <li>• Problem Solving Reading Activity</li> <li>• 3-Act Math</li> </ul>	<b>Review Words:</b> <ul style="list-style-type: none"> <li>- Dividend</li> <li>- Divisor</li> <li>- Factor</li> <li>- Product</li> <li>- quotient</li> </ul>	3.OA.A.1 - 3.OA.A.3 3.OA.C.7 3.OA.D.9  Mathematical Practice: 1-8

		<ul style="list-style-type: none"> <li>● Basic Math Timed Tests</li> <li>● Performance Tasks</li> <li>● STEM activity</li> <li>● Fluency Practice/Assessment</li> <li>● Brain Pop Jr. Videos - Solving Word Problems</li> </ul>		
9-15 days Topic 6	<ul style="list-style-type: none"> <li>● Connect area to multiplication and addition</li> <li>● Area with standard and non standard units</li> <li>● Area of squares and rectangles</li> <li>● Using distributive property to find area</li> <li>● Area of irregular shapes</li> </ul>	<ul style="list-style-type: none"> <li>● Manipulatives</li> <li>● Reflex Math</li> <li>● IXL - Activities T- 1, 2, 3, 6, 7, 8; U- 4, 5, 6, 7, 8; BB- 3, 4, 5, 6, 7, 13, 14, 15, 16; FF</li> <li>● Games</li> <li>● enVisions 2020 Topic 6</li> <li>● Flashcards</li> <li>● Review what you know</li> <li>● Pick a Project</li> <li>● Problem Solving Reading Activity</li> <li>● Basic Math Timed Tests</li> <li>● Performance Tasks</li> <li>● STEM activity</li> <li>● Fluency Practice/Assessment</li> <li>● Brain Pop Jr. Videos - Area</li> </ul>	<ul style="list-style-type: none"> <li>● Area</li> <li>● Unit square</li> <li>● Square unit</li> <li>● Estimate</li> </ul>	<p>3.OA.A.4 3.OA.C.7 3.MD.C.5a 3.MD.C.5b 3.MD.C.6 3.MD.C.7 3.MD.C.7a 3.MD.C.7b 3.MD.C.7c 3.MD.C.7d 3.MC.C.6</p> <p>Mathematical Practices: 1-8</p>

Formative Assessment Plan	Summative Assessment Plan
<ul style="list-style-type: none"> <li>● IXL</li> <li>● Slates/Whiteboards</li> <li>● Kahoot</li> <li>● Timed Fact Quizzes</li> <li>● Homework</li> </ul>	<ul style="list-style-type: none"> <li>● Topic Assessments</li> <li>● Common Assessment</li> <li>● Benchmark Assessments</li> <li>● Performance Tasks</li> </ul>

<ul style="list-style-type: none"> <li>• Entrance/Exit Tickets</li> <li>• Daily Practice</li> <li>• Additional Practice</li> </ul>	
<b>Main Resources</b>	<b>Supplementary Resources</b>
<ul style="list-style-type: none"> <li>• enVisions 2020</li> </ul>	<ul style="list-style-type: none"> <li>• Reflex Math</li> <li>• IXL</li> <li>• Prodigy</li> <li>• Khan Academy</li> <li>• GoFormative</li> <li>• Brainpop</li> <li>• YouTube</li> </ul>

**Unit 1 Appendix**

<b>Grade 3 / Math / Unit #2 Data</b>				
<b>Time</b>	<b>Primary Math Skills</b>	<b>Instructional Strategy</b>	<b>Academic</b>	<b>Standards &amp;</b>

Frame			Vocabulary	Math Practice
8-10 days  Topic 7	<ul style="list-style-type: none"> <li>• Read and interpret picture and bar graphs</li> <li>• Make picture and bar graphs</li> <li>• Solve word problems using information in graphs</li> </ul>	<ul style="list-style-type: none"> <li>• Manipulatives</li> <li>• Reflex Math</li> <li>• IXL - Activities T- 1, 2, 3, 6, 7, 8; U- 4, 5, 6, 7, 8; BB- 3, 4, 5, 6, 7, 13, 14, 15, 16; FF</li> <li>• Games</li> <li>• enVisions 2020 Topic 7</li> <li>• Flashcards</li> <li>• Review what you know</li> <li>• Pick a Project</li> <li>• Problem Solving Reading Activity</li> <li>• 3-Act Math</li> <li>• Basic Math Timed Tests</li> <li>• Performance Tasks</li> <li>• STEM activity</li> <li>• Fluency Practice/Assessment</li> <li>• Brain Pop Jr. Videos - Line graphs, Pictographs, Tally Charts and Bar Graphs</li> </ul>	<ul style="list-style-type: none"> <li>• Data</li> <li>• Scaled Picture Graph</li> <li>• Scale</li> <li>• Scaled Bar Graph</li> <li>• Key</li> <li>• Frequency Table</li> <li>• Survey</li> </ul>	3.OA.3 3.OA.D.8 3.MD.B.3 NBT.3  Mathematical Practice: 1-8

Formative Assessment Plan	Summative Assessment Plan
<ul style="list-style-type: none"> <li>• IXL</li> <li>• Slates/Whiteboards</li> <li>• Kahoot</li> <li>• Timed Fact Quizzes</li> <li>• Homework</li> <li>• Entrance/Exit Tickets</li> </ul>	<ul style="list-style-type: none"> <li>• Topic Assessments</li> <li>• Common Assessment</li> <li>• Benchmark Assessments</li> <li>• Performance Tasks</li> </ul>

<ul style="list-style-type: none"> <li>• Daily Practice</li> <li>• Additional Practice</li> </ul>	
Main Resources	Supplementary Resources
<ul style="list-style-type: none"> <li>• enVisions 2020</li> </ul>	<ul style="list-style-type: none"> <li>• Reflex Math</li> <li>• IXL</li> <li>• Prodigy</li> <li>• Khan Academy</li> <li>• GoFormative</li> <li>• Brainpop</li> <li>• YouTube</li> </ul>

Grade 3 / Math / Unit #3 Operations				
Time Frame	Primary Math Skills	Instructional Strategy	Academic Vocabulary	Standards & Math Practice
10-15 days  Topic 8	<ul style="list-style-type: none"> <li>• Addition properties and patterns</li> <li>• Mental math: addition and subtraction</li> <li>• Rounding</li> <li>• Estimating sums and differences</li> </ul>	<ul style="list-style-type: none"> <li>• Manipulatives</li> <li>• Reflex Math</li> <li>• IXL - Activities A- 7, 9, 10, 11, 12, 13; B-D; N- 3, 4; O- 2; P- 1, 2, 5, 6, 7, 8; Q- 5</li> <li>• Games</li> <li>• enVisions 2020 Topic 8</li> <li>• Flashcards</li> <li>• Review what you know</li> <li>• Pick a Project</li> <li>• Problem Solving Reading Activity</li> <li>• Basic Math Timed Tests</li> <li>• Performance Tasks</li> </ul>	<ul style="list-style-type: none"> <li>• Associative Property of Addition</li> <li>• Commutative Property of Addition</li> <li>• Identity Property of Addition</li> <li>• Open number line</li> <li>• Inverse Operations</li> </ul>	3.NBT.A.1 3.NBT.A.2 3.MD.A.2 3.OA.C.7 3.OA.D.8 3.OA.D.9 NBT.3  Mathematical Practice: 1-8



		<ul style="list-style-type: none"> <li>• STEM activity</li> <li>• Fluency Practice/Assessment</li> <li>• Brain Pop Jr. Videos - Rounding</li> </ul>	<ul style="list-style-type: none"> <li>• Round</li> <li>• Place Value</li> </ul>	
2 Days	Benchmark Assessment 1-8	<ul style="list-style-type: none"> <li>• Complete online assessment</li> <li>• Review expectations when completing online math assessments</li> </ul>		See above standards
10-12 days Topic 9	<ul style="list-style-type: none"> <li>• Partial Sums</li> <li>• Regrouping for addition</li> <li>• Adding 3 or more numbers</li> <li>• Partial differences</li> <li>• Regrouping to subtract</li> <li>• Using strategies to add and subtract</li> <li>• Construct arguments</li> </ul>	<ul style="list-style-type: none"> <li>• Manipulatives</li> <li>• Reflex Math</li> <li>• IXL - Activities A- 7, 9, 10, 11, 12, 13; B-D; N- 3, 4; O- 2; P- 1, 2, 5, 6, 7, 8; Q- 5</li> <li>• Games</li> <li>• enVisions 2020 Topic 9</li> <li>• Flashcards</li> <li>• Review what you know</li> <li>• Pick a Project</li> <li>• Problem Solving Reading Activity</li> <li>• 3-Act Math</li> <li>• Basic Math Timed Tests</li> <li>• Performance Tasks</li> <li>• STEM activity</li> <li>• Fluency Practice/Assessment</li> <li>• Brain Pop Jr. Videos - Adding with Regrouping, Adding without regrouping, Subtracting with</li> </ul>	<ul style="list-style-type: none"> <li>• Regroup</li> <li>• Conjecture</li> </ul>	<p>3.NBT.A.2 3.OA.C.7 3.OA.D.8</p> <p>Mathematical Practice: 1-8</p>

		regrouping, Subtracting without regrouping		
6-8 Days Topic 10	<ul style="list-style-type: none"> <li>• Multiplication patterns</li> <li>• Mental math: multiplication</li> <li>• Use properties to multiply</li> <li>• Look for and use structures</li> </ul>	<ul style="list-style-type: none"> <li>• Manipulatives</li> <li>• Reflex Math</li> <li>• IXL - Activities E-M; N - 1, 2, 5, 6, 7, 8, 9, 10; O- 1, 3, 4, 5; P- 10, 11; Q-6; S- 10, 11</li> <li>• Games</li> <li>• enVisions 2020 Topic 11</li> <li>• Flashcards</li> <li>• Review what you know</li> <li>• Pick a Project</li> <li>• Problem Solving Reading Activity</li> <li>• Basic Math Timed Tests</li> <li>• Performance Tasks</li> <li>• STEM activity</li> <li>• Fluency Practice/Assessment</li> </ul>	Review Multiplication Property Vocabulary	3.NBT.A.3 3.OA.A.3 3.OA.B.5 3.OA.D.8 3.OA.D.9  Mathematical Practice: 1-8
7-10 Days Topic 11	<ul style="list-style-type: none"> <li>• 2 step word problems: addition and subtraction</li> <li>• 2 step word problems: multiplication and division</li> <li>• 2 step word problems: all operations</li> <li>• Critique reasoning</li> </ul>	<ul style="list-style-type: none"> <li>• Manipulatives</li> <li>• Reflex Math</li> <li>• IXL - Activities E-M; N - 1, 2, 5, 6, 7, 8, 9, 10; O- 1, 3, 4, 5; P- 10, 11; Q-6; S- 10, 11</li> <li>• Games</li> <li>• enVisions 2020 Topic 10</li> <li>• Flashcards</li> <li>• Review what you know</li> <li>• Pick a Project</li> <li>• Problem Solving Reading Activity</li> </ul>		3.OA.C.7 3.OA.D.8 3.NBT.A.2 3.MD.B.3  Mathematical Practices 1-8

		<ul style="list-style-type: none"> <li>● Basic Math Timed Tests</li> <li>● Performance Tasks</li> <li>● STEM activity</li> <li>● 3 Act Math</li> <li>● Fluency Practice/Assessment</li> <li>● Brain Pop Jr. Videos - Choosing an Operation</li> </ul>		
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Formative Assessment Plan		Summative Assessment Plan	
<ul style="list-style-type: none"> <li>● IXL</li> <li>● Slates/Whiteboards</li> <li>● Kahoot</li> <li>● Timed Fact Quizzes</li> <li>● Homework</li> <li>● Entrance/Exit Tickets</li> <li>● Daily Practice</li> <li>● Additional Practice</li> </ul>		<ul style="list-style-type: none"> <li>● Topic Assessments</li> <li>● Common Assessment</li> <li>● Benchmark Assessments</li> <li>● Performance Tasks</li> </ul>	
Main Resources		Supplementary Resources	
<ul style="list-style-type: none"> <li>● enVisions 2020</li> </ul>		<ul style="list-style-type: none"> <li>● Reflex Math</li> <li>● IXL</li> <li>● Prodigy</li> <li>● Khan Academy</li> <li>● GoFormative</li> <li>● Brainpop</li> <li>● YouTube</li> </ul>	

**Grade 3 / Math / Unit #4 Fractions**

Time Frame	Primary Math Skills	Instructional Strategy	Academic Vocabulary	Standards & Math Practice
10-15 days  Topic 12	<ul style="list-style-type: none"> <li>● Partitioning into equal parts</li> <li>● Fractions and regions</li> <li>● Understanding the whole</li> <li>● Number lines: fractions less and greater than 1</li> <li>● Line plots and length</li> </ul>	<ul style="list-style-type: none"> <li>● Manipulatives</li> <li>● Reflex Math</li> <li>● IXL - Activities W-Z</li> <li>● Games</li> <li>● Fraction Tiles</li> <li>● Fraction Cards/Circles</li> <li>● Number Line</li> <li>● enVisions 2020 Topic 12</li> <li>● Flashcards</li> <li>● Review what you know</li> <li>● Pick a Project</li> <li>● Problem Solving Reading Activity</li> <li>● Basic Math Timed Tests</li> <li>● Performance Tasks</li> <li>● STEM activity</li> <li>● Fluency Practice/Assessment</li> <li>● Brain Pop Jr. Videos - Basic Parts of a Whole, More Fractions</li> </ul>	<ul style="list-style-type: none"> <li>● Fraction</li> <li>● Unit Fraction</li> <li>● Numerator</li> <li>● Denominator</li> <li>● Nearest half inch</li> <li>● Line plot</li> <li>● Nearest fourth inch</li> </ul>	3.NF.A.1 3.NF.A.3c 3.G.A.2 3.NF.A.2a 3.NF.A.2b 3.MD.B.4  Mathematical Practice: 1-8
2 Days	Benchmark Assessment 1-12	<ul style="list-style-type: none"> <li>● Complete online assessment</li> <li>● Review expectations when completing online math assessments</li> </ul>		See above standards
10-15 days	<ul style="list-style-type: none"> <li>● Equivalent Fractions               <ul style="list-style-type: none"> <li>○ Use models</li> <li>○ Use number lines</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>● Manipulatives</li> <li>● Reflex Math</li> <li>● IXL - Activities W-Z</li> </ul>	Equivalent fractions	3.NF.A.3a 3.NF.A.3b 3.NF.A.3c

Topic 13	<ul style="list-style-type: none"> <li>● Compare fractions <ul style="list-style-type: none"> <li>○ Same denominator</li> <li>○ Same numerator</li> <li>○ Use benchmarks</li> <li>○ Use number line</li> </ul> </li> <li>● Whole numbers and fractions</li> <li>● Construct arguments</li> </ul>	<ul style="list-style-type: none"> <li>● Games</li> <li>● Fraction Tiles</li> <li>● Fraction Cards/Circles</li> <li>● Number Line</li> <li>● enVisions 2020 Topic 13</li> <li>● 3 Act Math</li> <li>● Flashcards</li> <li>● Review what you know</li> <li>● Pick a Project</li> <li>● Problem Solving Reading Activity</li> <li>● Basic Math Timed Tests</li> <li>● Performance Tasks</li> <li>● STEM activity</li> <li>● Fluency Practice/Assessment</li> <li>● Brain Pop Jr. Videos - Equivalent Fractions</li> </ul>		<p>3.NF.A.3d</p> <p>Mathematical Practice: 1-8</p>
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Formative Assessment Plan	Summative Assessment Plan
<ul style="list-style-type: none"> <li>● IXL</li> <li>● Slates/Whiteboards</li> <li>● Kahoot</li> <li>● Timed Fact Quizzes</li> <li>● Homework</li> <li>● Entrance/Exit Tickets</li> <li>● Daily Practice</li> <li>● Additional Practice</li> </ul>	<ul style="list-style-type: none"> <li>● Topic Assessments</li> <li>● Common Assessment</li> <li>● Benchmark Assessments</li> <li>● Performance Tasks</li> </ul>
Main Resources	Supplementary Resources
<ul style="list-style-type: none"> <li>● enVisions 2020</li> </ul>	<ul style="list-style-type: none"> <li>● Reflex Math</li> </ul>

- IXL
- Prodigy
- Khan Academy
- GoFormative
- Brainpop
- YouTube

**Grade / Math / Unit # 5 - Measurement**

<b>Grade / Math / Unit # 5 - Measurement</b>				
<b>Time Frame</b>	<b>Primary Math Skills</b>	<b>Instructional Strategy</b>	<b>Academic Vocabulary</b>	<b>Standards &amp; Math Practice</b>
11-16 days Topic 14	<ul style="list-style-type: none"> <li>● Time               <ul style="list-style-type: none"> <li>○ To the minute</li> <li>○ Elapsed time</li> <li>○ Word problems</li> </ul> </li> <li>● Liquid volume               <ul style="list-style-type: none"> <li>○ Estimating</li> <li>○ Measuring</li> </ul> </li> <li>● Mass               <ul style="list-style-type: none"> <li>○ Estimating</li> <li>○ Measuring</li> </ul> </li> <li>● Solve word problems involving mass and liquid volume</li> <li>● reasoning</li> </ul>	<ul style="list-style-type: none"> <li>● enVisions 2020 Topic 14</li> <li>● IXL - Activities T- 1, 2, 3, 6, 7, 8; U- 4, 5, 6, 7, 8; BB- 3, 4, 5, 6, 7, 13, 14, 15, 16; FF</li> <li>● Clocks</li> <li>● Examples of measurement for mass and capacity</li> <li>● Manipulatives</li> <li>● Games</li> <li>● Review what you know</li> <li>● Pick a Project</li> <li>● Problem Solving Reading Activity</li> <li>● Basic Math Timed Tests</li> </ul>	Elapsed Time A.M. P.M. Time interval Capacity (liquid volume) Liter (L) Mass Gram (g) Kilogram (kg)	3.MD.A.1 3.MD.A.2 3.NBT.A.2 3.OA.A.3 3.OA.C.7  Mathematical Practices 1-8

		<ul style="list-style-type: none"> <li>● Performance Tasks</li> <li>● STEM activity</li> <li>● Fluency Practice/Assessment</li> <li>● Brainpop Jr - Time to the hour, Time to the minute, Time to the quarter and half hour, Elapsed time, Milliliters and Liters, Grams and Kilograms</li> </ul>		
7-10 days Topic 15	<ul style="list-style-type: none"> <li>● Describe quadrilaterals</li> <li>● Classify shapes</li> <li>● Analyze and compare quadrilaterals</li> <li>● precision</li> </ul>	<ul style="list-style-type: none"> <li>● Manipulatives</li> <li>● Reflex Math</li> <li>● IXL - Activities CC 1, 2, 3, 4; DD 4; EE</li> <li>● Games</li> <li>● enVisions 2020 Topic 15</li> <li>● Patterns Blocks</li> <li>● Flashcards</li> <li>● Review what you know</li> <li>● Pick a Project</li> <li>● Problem Solving Reading Activity</li> <li>● 3-Act Math</li> <li>● Basic Math Timed Tests</li> <li>● Performance Tasks</li> <li>● STEM Activity</li> <li>● Geometry scavenger hunt</li> <li>● Geocity (connect to SS)</li> <li>● Brainpop Jr - Polygons, Quadrilaterals</li> </ul>	Polygon Sides Quadrilateral Angles Vertex Trapezoid Parallelogram Rectangle Right Angles Rhombus Square Convex Concave	3.G.A.1 3.G.A.2 3.NF.A.1 3.MD.C.5b 3.MD.C.7b  Mathematical Practice: 1-8
8-11 Days	<ul style="list-style-type: none"> <li>● Perimeter               <ul style="list-style-type: none"> <li>○ Common shapes</li> <li>○ Unknown side lengths</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>● Manipulatives</li> <li>● Reflex Math</li> <li>● IXL - Activities T- 1, 2, 3, 6,</li> </ul>	Perimeter Equilateral Triangle	3.OA.A.3 3.OA.C.7

Topic 16	<ul style="list-style-type: none"> <li>○ Same perimeter, different area</li> <li>○ Same area, different perimeter</li> <li>● reasoning</li> </ul>	<p>7, 8; U- 4, 5, 6, 7, 8; BB- 3, 4, 5, 6, 7, 13, 14, 15, 16; FF</p> <ul style="list-style-type: none"> <li>● Games</li> <li>● enVisions 2020 Topic 16</li> <li>● Flashcards</li> <li>● Review what you know</li> <li>● Pick a Project</li> <li>● Problem Solving Reading Activity</li> <li>● Performance Task</li> <li>● STEM activity</li> <li>● Basic Math Timed Tests</li> <li>● Brainpop Jr - Perimeter</li> </ul>		<p>3.OA.D.8 3.MD.C.7 3.MD.D.8</p> <p>Mathematical Practice: 1-8</p>
2 days	Benchmark Assessment	<ul style="list-style-type: none"> <li>● Complete online assessment</li> <li>● Review expectations when completing online math assessments</li> </ul>		See above standards