

September		October	November	December	January	
Content	BOY Assessment Pacing: Apx. 3 Days Place Value Pacing: Apx. 10 Days Addition (Apx. 7 Days)	Addition cont. Pacing: Apx. 6 Days Subtraction Pacing: Apx. 10 Days	Understand Multiplication Pacing: Apx. 9 Days	Understand Division Pacing: Apx. 9 Days	Multiplication & Division Patterns Pacing: Apx. 13 Days Multiplication & Division Pacing: Apx. 6 Days	Content
Standards	3.OA.9, 3.NBT.1, 3.NBT.2, 3.NBT.3	3.OA.8, 3.OA.9, 3.NBT.2	3.OA.1, 3.OA.3, 3.OA.5, 3.OA.8	3.OA.2, 3.OA.4, 3.OA.7	3.OA.1, 3.OA.2, 3.OA.3, 3.OA.4, 3.OA.5, 3.OA.6, 3.OA.7, 3.OA.9	Stand
Skills	Students will be able to: <ul style="list-style-type: none"> - Use a place value chart - Use place value to write different forms of numbers, compare & order numbers, and round numbers - Use place value and the four-step plan to solve problems Students will be able to: <ul style="list-style-type: none"> - Use properties of addition to solve problems - Use place value estimate sums and add 3 and 4-digit numbers - Identify and explain number patterns 	Students will be able to: <ul style="list-style-type: none"> - Use properties of addition to solve problems - Use place value estimate sums and add 3 and 4-digit numbers - Determine whether an answer is reasonable - Identify and explain number patterns that involve addition Students will be able to: <ul style="list-style-type: none"> - Use mental math to solve subtraction problems - Estimate differences - Use addition to check a subtraction problem - Subtract numbers with regrouping - Subtract with larger numbers 	Students will be able to: <ul style="list-style-type: none"> - Interpret the product of whole numbers - Use arrays to represent multiplication - Use the Commutative Property to solve multiplication problems - Solve word problems by writing number sentences - Use multiplication to solve real-life problems 	Students will be able to: <ul style="list-style-type: none"> - Model division problems - Write a division sentence that describes equal sharing - Use repeated subtraction to find the quotient of a division problem - Write related multiplication/division sentences - Find the unknown in a division problem 	Students will be able to: <ul style="list-style-type: none"> - Multiply using arrays, bar diagrams, and drawings - Solve division problems by using multiplication facts - Divide using equal groups - Use skip counting and repeated addition to multiply - Mentally multiply a one-digit number by multiples of ten Students will be able to: <ul style="list-style-type: none"> - Find the unknown number in a multiplication or division problem - Use a number line to divide numbers - Multiply by using a known fact and doubling - Use subtraction to solve a division problem - Use properties of multiplication to solve 	Skills
Assessment	BOY Benchmark Test Chapter 1 Test (Form 1A, 1B,2A, 2B, 3A, or 3B)	Chapter 2 Test (Form 1A, 1B,2A, 2B, 3A, or 3B) & Chapter 3 Test (Form 1A, 1B,2A, 2B, 3A, or 3B)	Chapter 4 Test (Form 1A, 1B,2A, 2B, 3A, or 3B)	Chapter 5 Test (Form 1A, 1B,2A, 2B, 3A, or 3B)	Chapter 6 Test (Form 1A, 1B,2A, 2B, 3A, or 3B)	Assessm
Resources	McGraw- Hill <i>My Math</i> Chapter 1 Chapter 2	McGraw- Hill <i>My Math</i> Chapter 2 Chapter 3	McGraw- Hill <i>My Math</i> Chapter 4	McGraw- Hill <i>My Math</i> Chapter 5	McGraw- Hill <i>My Math</i> Chapter 6 Chapter 7	Resources

Essential Questions	How can numbers be expressed, ordered, and compared? How can place value help me add larger numbers?	How can place value help me add larger numbers? How are the operations of addition and subtraction related?	What does multiplication mean?	What does division mean?	What is the importance of patterns in learning multiplication and division? What strategies can be used to learn multiplication & division?	Essential
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February		March	April	May	June	
Content	Multiplication & Division Pacing: Apx. 6 Days Fractions Pacing: Apx. 12 Days	Measurement Pacing: Apx. 5 Days Represent & Interpret Data Pacing: Apx.12 Days (Begin Perimeter & Area as soon as possible)	Perimeter & Area Pacing: Apx. 14 Days Geometry Pacing: Apx.10 Days	Apply Multiplication & Division Pacing: Apx. 13 Days Properties and Equations Pacing: Apx. 13 Days	Finish Properties & Equations Year End Review, Fact Fluency, and Assessment	Content
Standards	3.OA.3, 3.OA.4, 3.OA.5, 3.OA.7, 3.NF.1, 3.NF.2, 3.NF.3, 3.G.2	3.MD.1, 3.MD.2, 3.MD.3, 3.MD.4	3.MD.5, 3.MD.6, 3.MD.7, 3.MD.8,3.G.1, 3.G.2 3.OA.3, 3.MD.3,	3.OA.1, 3.OA.2, 3.OA.3, 3.OA.4, 3.OA.5, 3.OA.6, 3.OA.7, 3.OA.9	3.OA.5, 3.OA.7, 3.OA.8	Stand
Skills	Students will be able to: <ul style="list-style-type: none"> - Find the unknown number in a multiplication or division problem - Use a number line to divide numbers - Multiply by using a known fact and doubling - Use subtraction to solve a division problem - Use properties of multiplication to solve problems Students will be able to: <ul style="list-style-type: none"> - Model fractions & unit fractions - Represent fractions on a number line - Model equivalent fractions - Compare two fractions 	Students will be able to: <ul style="list-style-type: none"> - Estimate metric units of capacity and mass - Solve word problems involving capacity & mass - Tell and write time to the nearest minute - Measure time intervals in minutes Students will be able to: <ul style="list-style-type: none"> - Represent data using scaled graphs - Interpret data in graphs - Use a line plot to represent data - Use a ruler to measure to the nearest half inch or quarter inch - Graph measurement data on a line plot 	Students will be able to: <ul style="list-style-type: none"> - Find the perimeter of a figure - Find the area of a figure - Tile rectangles to find the area - Use a formula to find the area of a rectangle - Decompose a composite figure to find the area - Relate perimeter and area of rectangles Students will be able to: <ul style="list-style-type: none"> - Classify polygons & quadrilaterals - Describe a triangle using its angles and sides - Categorize quadrilaterals according to attributes - Separate a shape into parts with equal areas 	Students will be able to: <ul style="list-style-type: none"> - Find the unknown number in a multiplication or division problem - Use a number line to divide numbers - Multiply by using a known fact and doubling - Use properties of operations to solve a multiplication problem - Use models and arrays to solve multiplication and division problems *See next column for Ch. 9 skills	Students will be able to: <ul style="list-style-type: none"> - Use models to decompose factors and find products - Use the distributive property to multiply two whole numbers - Use the associative property to multiply three numbers - Evaluate an expression - Write an equation to represent a real-world problem - Demonstrate Fact Fluency 	Skills
Assessment	Chapter 7 Test (Form 1A, 1B,2A, 2B, 3A, or 3B) & Chapter 10 Test (Form 1A, 1B,2A, 2B, 3A, or 3B)	Chapter 11 Test (Form 1A, 1B,2A, 2B, 3A, or 3B) & Chapter 12 Test (Form 1A, 1B,2A, 2B, 3A, or 3B)	Chapter 13 Test (Form 1A, 1B,2A, 2B, 3A, or 3B) & Chapter 14 Test (Form 1A, 1B,2A, 2B, 3A, or 3B)	Chapter 8 Test (Form 1A, 1B,2A, 2B, 3A, or 3B)	Chapter 9 Test (Form 1A, 1B,2A, 2B, 3A, or 3B) & End of Year Benchmark	Assessm
Resources	McGraw- Hill <i>My Math</i> Chapter 7 Chapter 10	McGraw- Hill <i>My Math</i> Chapter 11 Chapter 12	McGraw- Hill <i>My Math</i> Chapter 13 Chapter 14	McGraw- Hill <i>My Math</i> Chapter 8 Chapter 9	McGraw- Hill <i>My Math</i> Chapter 9	Reso

Essential Questions	<p>What strategies can be used to learn multiplication & division? How can fractions be used to represent numbers and their parts?</p>	<p>Why do we measure? How do we obtain useful information from a set of data?</p>	<p>How are perimeter and area related and how are they different? How can geometric shapes help me solve real-world problems?</p>	<p>How can multiplication & division facts with smaller numbers be applied to larger numbers? How are properties & equations used to group numbers?</p>	<p>How are properties & equations used to group numbers?</p>	Essential
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