

# Math Triumphs, Grade K

## Correlated to My Math, Grade K

Math Triumphs, Grade K provides the prerequisite concepts and skills necessary for success with My Math, Grade K and the Common Core State Standards.

Math Triumphs, Grade K		Targeted Skills and Concepts	Preparation for My Math, Grade K and Common Core State Standards
Math Triumphs Section 1	<b>Chapter 1 Represent Whole Numbers</b>	Count, read, and write numbers 0 to 5.	<b>Chapter 1 Numbers 0 to 5</b> K.CC.3, K.CC.4, K.CC.4a, K.CC.4b, K.CC.5
		Count, read, and write numbers 6 to 10.	<b>Chapter 2 Numbers to 10</b> K.CC.3, K.CC.4, K.CC.4a, K.CC.4b, K.CC.5
		Count, read, and write numbers beyond 10.	<b>Chapter 3 Numbers Beyond 10</b> K.CC.3, K.CC.4, K.CC.4a, K.CC.4b, K.CC.5
		Decompose numbers less than or equal to 10 by using objects or drawings to represent the problem.	<b>Chapter 4 Compose and Decompose Numbers to 10</b> K.OA.3
		Compose and decompose numbers from 11 to 19 into ten ones and some further ones using drawings, and record each composition or decomposition by a drawing or equation.	<b>Chapter 7 Compose and Decompose Numbers 11 to 19</b> K.NBT.1
	<b>Chapter 2 Compare and Order Whole Numbers</b>	Count forward to recognize that each successive number refers to a quantity that is one larger.	<b>Chapter 1 Numbers 0 to 5</b> K.CC.4c  <b>Chapter 2 Numbers to 10</b> K.CC.4c  <b>Chapter 3 Numbers Beyond 10</b> K.CC.4c
		Identify whether the objects in a group are greater than, less than, or equal to the number of objects in another group.	<b>Chapter 1 Numbers 0 to 5</b> K.CC.6, K.CC.7
		<b>Chapter 3 Introduction to Addition</b>	Understand addition as joining groups to find the total up to 10.
	Solve addition word problems by using objects or drawings.		<b>Chapter 5 Addition</b> K.OA.2
	<b>Chapter 4 Introduction to Subtraction</b>	Understand subtraction as separating groups to find the difference up to nine.	<b>Chapter 6 Subtraction</b> K.OA.1
		Solve subtraction word problems by using objects or drawings.	<b>Chapter 6 Subtraction</b> K.OA.2
	<b>Chapter 5 Two-Dimensional Figures</b>	Recognize and name two-dimensional shapes, such as circle, square, triangle, and rectangle.	<b>Chapter 11 Two-Dimensional Shapes</b> K.G.2, K.G.3
		Compare two-dimensional shapes, in different sizes and orientation, to describe their parts (sides and vertices/corners) and attributes.	<b>Chapter 11 Two-Dimensional Shapes</b> K.G.4
		Model shapes in the world by building shapes	<b>Chapter 11</b>

<b>Math Triumphs Section 2</b>		from components and drawing shapes.	<b>Two-Dimensional Shapes</b> K.G.5
		Compose simple shapes to form larger shapes.	<b>Chapter 11 Two-Dimensional Shapes</b> K.G.6
	<b>Chapter 6 Three-Dimensional Figures</b>	Recognize and name three-dimensional shapes, such as sphere, cylinder, rectangular prism, and cube.	<b>Chapter 12 Three-Dimensional Shapes</b> K.G.2, K.G.3
		Compare three-dimensional shapes, in different sizes and orientation, to describe their parts (sides and vertices/corners) and attributes.	<b>Chapter 12 Three-Dimensional Shapes</b> K.G.4
	<b>Chapter 7 Space and Position</b>	Recognize and identify a shape in various orientations.	<b>Chapter 10 Position</b> K.G.1, K.G.2
		Describe the relative position of objects using appropriate vocabulary terms.	<b>Chapter 10 Position</b> K.G.1, K.G.2
<b>Math Triumphs Section 3</b>	<b>Chapter 8 Sort Objects by Attributes</b>	Describe the attributes of objects (length, height, and weight) in order to identify similarities and differences when comparing objects.	<b>Chapter 8 Measurement</b> K.MD.1, K.MD.2
		Sort and classify objects into given categories. Count the number of objects in each category.	<b>Chapter 9 Classify Objects</b> K.MD.3
	<b>Chapter 10 Patterns</b>	Identify, duplicate, and extend a simple pattern.	<b>Chapter 11 Two-Dimensional Shapes</b> K.G.4

# Math Triumphs, Grade 1

## Correlated to My Math, Grade 1

Math Triumphs, Grade 1 provides the prerequisite concepts and skills necessary for success with My Math, Grade 1 and the Common Core State Standards.

Math Triumphs, Grade 1		Targeted Skills and Concepts	Preparation for My Math, Grade 1 and Common Core State Standards
Math Triumphs Section 1	Chapter 1 Addition Strategies and Facts	Find sums by adding zero.	Chapter 1 Addition Concepts 1.OA.3
		Count on using a number line to help find the sum.	Chapter 3 Addition Strategies to 20 1.OA.5, 1.OA.6
		Join and create sets with sums up to 20.	Chapter 3 Addition Strategies to 20 1.OA.1, 1.OA.3
		Use the doubles and groups of 10 to make sums greater than 10.	Chapter 3 Addition Strategies to 20 1.OA.6
		Use addition within 20 to solve word problems.	Chapter 1 Addition Concepts 1.OA.1  Chapter 3 Addition Strategies to 20 1.OA.1
	Chapter 2 Subtraction Strategies and Facts	Use counters to count back to subtract.	Chapter 4 Subtraction Strategies to 20 1.OA.5, 1.OA.6
		Count back using a number line.	Chapter 4 Subtraction Strategies to 20 1.OA.5, 1.OA.6
		Use fact families to relate addition and subtraction.	Chapter 4 Subtraction Strategies to 20 1.OA.6
		Use subtraction within 20 to solve word problems.	Chapter 2 Subtraction Concepts 1.OA.1  Chapter 4 Subtraction Strategies to 20 1.OA.1
	Chapter 3 Addition and Subtraction Using Place Value	Develop an understanding of place value by adding groups of ten and ones.	Chapter 5 Place Value 1.NBT.2a, 1.NBT.2b  Chapter 6 Two-Digit Addition and Subtraction 1.NBT.4, 1.NBT.6
Math Triumphs Section 2	Chapter 4 Understand Whole Numbers	Recognize and use number patterns to count by fives.	Chapter 5 Place Value 1.NBT.1
		Use number patterns to count by fives to prepare for counting tally marks and creating tally charts.	Chapter 7 Organize and Use Graphs 1.MD.4

	<b>Chapter 5 Place Value</b>	Make groups of tens and ones to determine the place value.	<b>Chapter 5 Place Value</b> 1.NBT.2a, 1.NBT.2b, 1.NBT.2c  <b>Chapter 6 Two-Digit Addition and Subtraction</b> 1.NBT.4, 1.NBT.6
		Identify pennies and dimes. Count and solve problems using pennies and dimes.	<b>Chapter 3 Addition Strategies to 20</b> 1.OA.5, 1.OA.6  <b>Chapter 5 Place Value</b> 1.NBT.1
	<b>Chapter 6 Compare and Order Whole Numbers</b>	Order whole numbers to 100.	<b>Chapter 5 Place Value</b> 1.NBT.2a, 1.NBT.2c  <b>Chapter 8 Measurement and Time</b> 1.MD.3
		Compare whole numbers to 100.	<b>Chapter 5 Place Value</b> 1.NBT.3
<b>Math Triumphs Section 3</b>	<b>Chapter 7 Two-Dimensional Figures</b>	Identify and compare the attributes of different two-dimensional figures and objects.	<b>Chapter 9 Two-Dimensional Shapes and Equal Shares</b> 1.G.1
		Compare two halves of a figure or real-world object to determine if an object exemplifies equal parts.	<b>Chapter 9 Two-Dimensional Shapes and Equal Shares</b> 1.G.3
	<b>Chapter 8 Three-Dimensional Figures</b>	Identify and compare the attributes of different three-dimensional figures and objects.	<b>Chapter 10 Three-Dimensional Shapes</b> 1.G.1
	<b>Chapter 9 Patterns</b>	Compose new figures using two- and three-dimensional figures.	<b>Chapter 9 Two-Dimensional Shapes and Equal Shares</b> 1.G.2  <b>Chapter 10 Three-Dimensional Shapes</b> 1.G.2
		Identify, duplicate, and extend simple patterns.	<b>Chapter 10 Three-Dimensional Shapes</b> 1.G.1

# Math Triumphs, Grade 2

## Correlated to My Math, Grade 2

Math Triumphs, Grade 2 provides the prerequisite concepts and skills necessary for success with My Math, Grade 2 and the Common Core State Standards.

Math Triumphs, Grade 2		Targeted Skills and Concepts	Preparation for My Math, Grade 2 and Common Core State Standards
Math Triumphs Book 1	Chapter 1 Whole Numbers	Skip Count by 2s, 5s, and 10s.	<b>Chapter 2 Number Patterns</b> 2.OA.1, 2.OA.2, 2.NBT.2
		Skip count by 5s to prepare for counting tally marks and telling time.	<b>Chapter 9 Data Analysis</b> 2.MD.10  <b>Chapter 10 Time</b> 2.MD.7
		Use patterns to skip count on a hundred chart.	<b>Chapter 2 Number Patterns</b> 2.OA.2, 2.NBT.2
		Skip count and use patterns to prepare for counting coins.	<b>Chapter 8 Money</b> 2.MD.8
		Identify, describe, and apply number patterns to addition when adding by 10s and 100s.	<b>Chapter 8 Money</b> 2.MD.8
		Compare and order whole numbers to 1,000.	<b>Chapter 9 Data Analysis</b> 2.MD.10
		Order whole numbers to 1,000.	<b>Chapter 10 Time</b> 2.MD.7
	Chapter 2 Place Value	Read, write, and model numbers to 999.	<b>Chapter 5 Place Value to 1,000</b> 2.NBT.1, 2.NBT.1a, 2.NBT.1b, 2.NBT.3
		Identify place value by using words, models, and expanded form to represent numbers to 999.	<b>Chapter 5 Place Value to 1,000</b> 2.NBT.1, 2.NBT.1a, 2.NBT.1b, 2.NBT.3
		Identify, describe, and apply number patterns to addition when adding by 10s and 100s.	<b>Chapter 6 Add Three-Digit Numbers</b> 2.NBT.7
		Subtract numbers in the hundreds.	<b>Chapter 7 Subtract Three-Digit Numbers</b> 2.NBT.7
		Use place value and base-ten blocks to add two-digit numbers.	<b>Chapter 3 Add Two-Digit Numbers</b> 2.NBT.5, 2.NBT.9
	Chapter 3 Compare and Order Whole Numbers	Compare whole numbers to 1,000.	<b>Chapter 5 Place Value to 1,000</b> 2.NBT.4
		Compare and order whole numbers to 1,000.	<b>Chapter 9 Data Analysis</b> 2.MD.10
		Order whole numbers to 1,000.	<b>Chapter 10 Time</b> 2.MD.7

<b>Math Triumphs Book 2</b>	<b>Chapter 4 Addition and Subtraction</b>	Use a number line to count on when adding to find a sum less than 10.	<b>Chapter 1 Apply Addition and Subtraction Concepts</b> 2.OA.1, 2.OA.2
		Use doubles to find sums.	<b>Chapter 1 Apply Addition and Subtraction Concepts</b> 2.OA.1, 2.OA.2
		Use a number line to count back when subtracting to find a difference less than 10.	<b>Chapter 1 Apply Addition and Subtraction Concepts</b> 2.OA.1, 2.OA.2
		Use related facts to write fact families to understand addition and strategies for basic addition and subtraction facts.	<b>Chapter 1 Apply Addition and Subtraction Concepts</b> 2.OA.1, 2.OA.2, 2.NBT.9
	<b>Chapter 5 Addition Concepts</b>	Identify, describe, and apply number patterns to addition when adding by 10s and 100s.	<b>Chapter 5 Place Value to 1,000</b> 2.NBT.2, 2.NBT.8
		Identify, describe, and apply number patterns to addition when adding by 10s and 100s.	<b>Chapter 6 Add Three-Digit Numbers</b> 2.NBT.7
		Identify, describe, and apply number patterns to addition when adding by 10s and 100s.	<b>Chapter 8 Money</b> 2.MD.8
		Use place value and base-ten blocks to add two-digit numbers.	<b>Chapter 3 Add Two-Digit Numbers</b> 2.NBT.5, 2.NBT.9
		Use repeated addition to add equal groups.	<b>Chapter 2 Number Patterns</b> 2.OA.4, 2.NBT.2
		Add three one-digit numbers using addition facts.	<b>Chapter 1 Apply Addition and Subtraction Concepts</b> 2.OA.2, 2.NBT.9
	<b>Chapter 6 Subtraction Concepts</b>	Count back to find the difference by using a number line.	<b>Chapter 1 Apply Addition and Subtraction Concepts</b> 2.OA.1, 2.OA.2
		Subtract one-digit numbers from two-digit numbers without regrouping.	<b>Chapter 4 Subtract Two-Digit Numbers</b> 2.OA.1, 2.NBT.5, 2.NBT.9
		Subtract numbers in the hundreds.	<b>Chapter 7 Subtract Three-Digit Numbers</b> 2.NBT.7
<b>Math Triumphs Book 3</b>	<b>Chapter 7 Introduction to Measurement</b>	Understand measurement and data analysis.	<b>Chapter 11 Customary and Metric Lengths</b> 2.MD.4
	<b>Chapter 8 Linear Measurement</b>	Use an inch ruler to estimate and measure objects.	<b>Chapter 11 Customary and Metric Lengths</b> 2.MD.1, 2.MD.3, 2.MD.5
		Use a centimeter ruler to estimate and measure objects.	<b>Chapter 11 Customary and Metric Lengths</b> 2.MD.1, 2.MD.3, 2.MD.5

		Use a standard unit of inches or centimeters to measure how much longer one object is than another.	<b>Chapter 11 Customary and Metric Lengths</b> 2.MD.4
		Compare metric length with inches and centimeters.	<b>Chapter 11 Customary and Metric Lengths</b> 2.MD.1, 2.MD.2
	<b>Chapter 9 Measurement and Figures</b>	Identify and describe the specific attributes of two-dimensional geometric shapes, such as triangle, parallelogram/quadrilateral, pentagon, and hexagon.	<b>Chapter 12 Geometric Shapes and Equal Shares</b> 2.G.1
		Compare two-dimensional shapes and sizes of figures.	<b>Chapter 12 Geometric Shapes and Equal Shares</b> 2.G.1

# Math Triumphs, Grade 3

## Correlated to My Math, Grade 3

Math Triumphs, Grade 3 provides the prerequisite concepts and skills necessary for success with My Math, Grade 3 and the Common Core State Standards.

Math Triumphs, Grade 3		Targeted Skills and Concepts	Preparation for My Math, Grade 3 and Common Core State Standards
Math Triumphs Book 1	Chapter 1 Addition and Subtraction	Understand addition and subtraction and strategies for basic addition and subtraction facts.	Chapter 2 Addition 3.NBT.2  Chapter 3 Subtraction 3.NBT.2
		Understand basic addition and subtraction to prepare for telling time to the nearest minute.	Chapter 11 Measurement 3.MD.1
	Chapter 2 Introduction to Multiplication	Represent the concept of multiplication with repeated addition.	Chapter 4 Understand Multiplication 3.OA.1, 3.OA.3, 3.OA.8
		Use equal group models, arrays, patterns, tables, and sequences to show multiplication.	Chapter 4 Understand Multiplication 3.OA.1, 3.OA.3, 3.OA.8
		Understand basic multiplication and multiplication facts for 2 and 5.	Chapter 6 Multiplication and Division Patterns 3.OA.1, 3.OA.3, 3.OA.4, 3.OA.5, 3.OA.9  Chapter 11 Measurement 3.OA.3
		Understand basic multiplication and multiplication facts for 0 and 1.	Chapter 7 Multiplication and Division 3.OA.1, 3.OA.3, 3.OA.4, 3.OA.5, 3.OA.9
		Understand basic multiplication to prepare for multiplying facts 6, 7, 8, and 9.	Chapter 8 Apply Multiplication and Division 3.OA.1, 3.OA.3, 3.OA.4, 3.OA.5, 3.OA.9
		Use basic multiplication to prepare for applying the properties of operations.	Chapter 9 Properties and Equations 3.OA.5
	Chapter 3 Introduction to Division	Relate division and multiplication.	Chapter 5 Understand Division 3.OA.4, 3.OA.6, 3.OA.7  Chapter 11 Measurement 3.OA.3
		Use models and arrays to relate division and subtraction.	Chapter 5 Understand Division 3.OA.2, 3.OA.4, 3.OA.7
		Understand basic division and division facts for 2 and 5.	Chapter 6 Multiplication and Division Patterns 3.OA.2, 3.OA.3, 3.OA.4, 3.OA.7
		Understand basic division and division facts for 0 and 1.	Chapter 7 Multiplication and Division 3.OA.2, 3.OA.3, 3.OA.4, 3.OA.5, 3.OA.7
		Understand basic division to prepare for	Chapter 8



		division facts 6, 7, 8, and 9.	<b>Apply Multiplication and Division</b> 3.OA.2, 3.OA.3, 3.OA.4, 3.OA.5, 3.OA.7	
		Use basic division to prepare for applying the properties of operations.	<b>Chapter 9 Properties and Equations</b> 3.OA.5	
<i><b>Math Triumphs Book 2</b></i>	<b>Chapter 4 Place Value</b>	Read, write, and identify place value of whole numbers through thousands.	<b>Chapter 1 Place Value</b> Prep for 3.NBT.1, Prep for 3.NBT.2	
		Round whole numbers to the nearest ten.	<b>Chapter 1 Place Value</b> 3.NBT.1	
	<b>Chapter 5 Fractions</b>	Model and develop an understanding of fractions.	<b>Chapter 10 Fractions</b> 3.NF.1	
		Understand equal part of a whole and equal part of a set.	<b>Chapter 10 Fractions</b> 3.NF.1, 3.G.2  <b>Chapter 14 Geometry</b> 3.G.2	
		Represent fractions on a number line.	<b>Chapter 10 Fractions</b> 3.NF.1, 3.NF.2, 3.NF.2a, 3.NF.2b	
		Measure lengths to the nearest half inch.	<b>Chapter 12 Represent and Interpret Data</b> 3.MD.4	
	<b>Chapter 6 Fraction Equivalence</b>	Model and develop an understanding of fractions by locating the numerator and denominator.	<b>Chapter 10 Fractions</b> 3.NF.1	
		Understand equivalent fractions.	<b>Chapter 10 Fractions</b> 3.NF.1, 3.NF.3, 3.NF.3a, 3.NF.3b	
		Express whole numbers as fractions and recognize fractions equivalent to whole numbers.	<b>Chapter 10 Fractions</b> 3.NF.1, 3.NF.3, 3.NF.3a, 3.NF.3c	
		Use models to compare two fractions.	<b>Chapter 10 Fractions</b> 3.NF.1, 3.NF.3, 3.NF.3d	
	<i><b>Math Triumphs Book 3</b></i>	<b>Chapter 7 Geometry</b>	Develop an understanding of sides and angles/vertices on a two-dimensional shape.	<b>Chapter 14 Geometry</b> 3.G.1
		<b>Chapter 8 Measurement and Geometry</b>	Compare shapes and sizes of two-dimensional figures to prepare for finding the perimeter of rectangles.	<b>Chapter 14 Geometry</b> 3.G.1  <b>Chapter 13 Perimeter and Area</b> 3.MD.8
<b>Chapter 9 Data Analysis</b>			Construct and analyze tables, bar graphs, picture graphs, and line plots.	<b>Chapter 12 Represent and Interpret Data</b> 3.MD.3
		Construct and analyze tables and line plots	<b>Chapter 12 Represent and Interpret Data</b> 3.MD.4	

# Math Triumphs, Grade 4

## Correlated to My Math, Grade 4

Math Triumphs, Grade 4 provides the prerequisite concepts and skills necessary for success with My Math, Grade 4 and the Common Core State Standards.

Math Triumphs, Grade 4		Targeted Skills and Concepts	Preparation for My Math, Grade 4 and Common Core State Standards
Math Triumphs Book 1	Chapter 1 Place Value and Patterns	Identify the place value of digits in multi-digit numbers to 100,000.	<b>Chapter 1 Place Value</b> 4.NBT.1
		Read and write multi-digit numbers.	<b>Chapter 1 Place Value</b> 4.NBT.2
		Compare and order numbers using a number line and place-value chart.	<b>Chapter 1 Place Value</b> 4.NBT.2
		Identify and use basic growing and repeating patterns and sequences.	<b>Chapter 7 Patterns and Sequences</b> 4.OA.5
	Chapter 2 Multiplication	Use the Zero Property of Multiplication and Identity Property of Multiplication to multiply by zero and one.	<b>Chapter 3 Understand Multiplication and Division</b> 4.NBT.5
		Use related multiplication facts (Commutative Property of Multiplication) to find the product.	<b>Chapter 3 Understand Multiplication and Division</b> 4.NBT.5
		Multiply multiples of 10 using basic facts and patterns.	<b>Chapter 4 Multiply by One-Digit Numbers</b> 4.NBT.1, 4.NBT.5, 4.OA.4
		Draw arrays to model multiplication facts.	<b>Chapter 4 Multiply by One-Digit Numbers</b> 4.NBT.5
		Use mental math to add and prepare for multiplication.	<b>Chapter 2 Add and Subtract Whole Numbers</b> 4.NBT.4  <b>Chapter 5 Multiply by Two-Digit Numbers</b> 4.NBT.4
	Chapter 3 More Multiplication	Draw arrays to model multiplication facts.	<b>Chapter 4 Multiply by One-Digit Numbers</b> 4.NBT.5  <b>Chapter 5 Multiply by Two-Digit Numbers</b> 4.NBT.5
	Chapter 4 Introduction to Division	Understand how multiplication and division are related with the use of inverse operations.	<b>Chapter 3 Understand Multiplication and Division</b> 4.NBT.5, 4.NBT.6
		Use repeated subtraction to divide.	<b>Chapter 3 Understand Multiplication and Division</b> 4.NBT.6
		Use basic facts and patterns to divide mentally by 10.	<b>Chapter 6 Divide by a One-Digit Number</b>

			4.NBT.1, 4.NBT.6, 4.OA.4
		Divide with remainders and check using multiplication and division.	<b>Chapter 6</b> <b>Divide by a One-Digit Number</b> 4.NBT.6
		Solve multi-step word problems using more than one operation.	<b>Chapter 6</b> <b>Divide by a One-Digit Number</b> 4.OA.3
<b>Math Triumphs</b> <b>Book 2</b>	<b>Chapter 5</b> <b>Fractions</b>	Find equivalent fractions. Use multiplication to determine if fractions are equivalent.	<b>Chapter 8</b> <b>Fractions</b> 4.NF.1, 4.NF.5
		Compare and order fractions.	<b>Chapter 8</b> <b>Fractions</b> 4.NF.2
		Understand least common denominator to be prepared to add and subtract like fractions.	<b>Chapter 9</b> <b>Operations and Fractions</b> 4.NF.3a
	<b>Chapter 6</b> <b>Decimals</b>	Model and describe whole number place value through tenths and hundredths.	<b>Chapter 10</b> <b>Fractions and Decimals</b> 4.NF.6
		Use money to solve problems with decimals.	<b>Chapter 10</b> <b>Fractions and Decimals</b> 4.NF.6
		Compare and order decimals to hundredths by reasoning about their size.	<b>Chapter 10</b> <b>Fractions and Decimals</b> 4.NF.6, 4.NF.7
	<b>Chapter 7</b> <b>Fractions and Decimals</b>	Identify, read, and write tenths and hundredths as decimals and as fractions.	<b>Chapter 10</b> <b>Fractions and Decimals</b> 4.NF.5, 4.NF.6
		Create mixed numbers with whole numbers and fractions.	<b>Chapter 8</b> <b>Fractions</b> 4.NF.3, 4.NF.3b
		Compare and order decimals to hundredths by reasoning about their size.	<b>Chapter 10</b> <b>Fractions and Decimals</b> 4.NF.6, 4.NF.7
	<b>Math Triumphs</b> <b>Book 3</b>	<b>Chapter 8</b> <b>Geometry and Measurement</b>	Estimate and measure length using customary units.
Estimate and measure length within the metric system.			<b>Chapter 12</b> <b>Metric Measurement</b> 4.MD.1
Find the perimeter of a figure.			<b>Chapter 13</b> <b>Perimeter and Area</b> 4.MD.3
Draw points, lines, line segments, and rays. Identify these in two-dimensional figures.			<b>Chapter 14</b> <b>Geometry</b> 4.G.1
Draw parallel and intersecting lines.			<b>Chapter 14</b> <b>Geometry</b> 4.G.1
Use concepts of angle measurement to classify angles.			<b>Chapter 14</b> <b>Geometry</b> 4.G.1, 4.MD.5, 4.MD.5a, 4.MD.5b
<b>Chapter 9</b> <b>Area</b>		Explore the area of a figure.	<b>Chapter 13</b> <b>Perimeter and Area</b> 4.MD.3
		Find the area of rectangles and squares.	<b>Chapter 13</b> <b>Perimeter and Area</b> 4.MD.3
<b>Chapter 10</b>		Identify figures with a line of symmetry and	<b>Chapter 14</b>

	<b>Spatial Reasoning</b>	draw lines of symmetry.	<b>Geometry</b> 4.G.3
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# Math Triumphs, Grade 5

## Correlated to My Math, Grade 5

Math Triumphs, Grade 5 provides the prerequisite concepts and skills necessary for success with My Math, Grade 5 and the Common Core State Standards.

Math Triumphs, Grade 5		Targeted Skills and Concepts	Preparation for My Math, Grade 5 and Common Core State Standards
Math Triumphs Book 1	Chapter 1 Place Value and Number Relationships	Read and write whole numbers through the millions.	<b>Chapter 1 Place Value</b> 5.NBT.1
		Understand a number pattern that follows a specific rule.	<b>Chapter 7 Expressions and Patterns</b> 5.OA.3
	Chapter 2 Multiplication	Multiply by one-digit and two-digit numbers to prepare for multiplication of fractions.	<b>Chapter 2 Multiply Whole Numbers</b> 5.NBT.5  <b>Chapter 10</b> 5.NBT.4
		Explore multiplication by using an array or area model and the Distributive Property.	<b>Chapter 2 Multiply Whole Numbers</b> 5.NBT.5
		Use fact families to understand how division and multiplication are related.	<b>Chapter 3 Divide by a One-Digit Divisor</b> 5.NBT.6
	Chapter 3 Division	Use models to explore division.	<b>Chapter 3 Divide by a One-Digit Divisor</b> 5.NBT.6  <b>Chapter 10 Multiply and Divide Fractions</b> 5.NBT.7
		Carry out division with and without remainders.	<b>Chapter 3 Divide by a One-Digit Divisor</b> 5.NBT.6  <b>Chapter 4 Divide by a Two-Digit Divisor</b> 5.NBT.6
	Chapter 4 Properties of Operations	Use the Commutative Property of Addition to add whole numbers mentally.	<b>Chapter 5 Add and Subtract Decimals</b> 5.NBT.7
		Use the Commutative Property of Multiplication to multiply whole numbers mentally.	<b>Chapter 6 Multiply and Divide Decimals</b> 5.NBT.5, 5.NBT.7
		Use the Associative Property of Addition to add whole numbers mentally.	<b>Chapter 5 Add and Subtract Decimals</b> 5.NBT.7
		Use the Associative Property of Multiplication to multiply whole numbers mentally.	<b>Chapter 6 Multiply and Divide Decimals</b> 5.NBT.5, 5.NBT.7
		Use the Distributive Property of Multiplication to fluently multiply multi-digit numbers.	<b>Chapter 2 Multiply Whole Numbers</b> 5.NBT.5
		Follow the order of operations to evaluate mathematical expressions.	<b>Chapter 7 Expressions and Patterns</b> 5.OA.1

<b>Math Triumphs Book 2</b>	<b>Chapter 5 Fractions</b>	Understand parts of a whole and parts of a set in order to interpret a fraction as division of the numerator by the denominator.	<b>Chapter 8 Fractions and Decimals</b> 5.NF.3
		Understand parts of a whole and parts of a set in order to explore how to find part of a number through multiplication.	<b>Chapter 10 Multiply and Divide Fractions</b> 5.NF.4, 5.NF.4a
		Determine the common factors and the greatest common factor (GCF) of a set of numbers.	<b>Chapter 8 Fractions and Decimals</b> 5.NF.2
		Understand the concept of least common denominator (LCD). Compare fractions by finding equivalent fractions.	<b>Chapter 8 Fractions and Decimals</b> 5.NF.5, 5.NF.5b
		Understand the concept of least common multiple (LCM).	<b>Chapter 8 Fractions and Decimals</b> Prep for 5.NF.2
		Generate equivalent fractions by writing a fraction in simplest form.	<b>Chapter 8 Fractions and Decimals</b> 5.NF.5, 5.NF.5b
	<b>Chapter 6 Add and Subtract Fractions</b>	Add fractions with like denominators and solve word problems involving the addition of like fractions.	<b>Chapter 9 Add and Subtract Fractions</b> 5.NF.2
		Subtract fractions with like denominators and solve word problems involving the subtraction of like fractions.	<b>Chapter 9 Add and Subtract Fractions</b> 5.NF.2
		Add unlike fractions and solve word problems involving the addition of unlike fractions.	<b>Chapter 9 Add and Subtract Fractions</b> 5.NF.1, 5.NF.2
		Subtract unlike fractions and solve word problems involving the subtraction of unlike fractions.	<b>Chapter 9 Add and Subtract Fractions</b> 5.NF.1, 5.NF.2
	<b>Chapter 7 Decimals</b>	Use models to relate decimals to fractions.	<b>Chapter 1 Place Value</b> 5.NBT.3
		Represent fractions that name tenths, hundredths, and thousandths as decimals.	<b>Chapter 1 Place Value</b> 5.NBT.3, 5.NBT.3a
		Compare decimals with the use of a number line, decimal model, or place value.	<b>Chapter 1 Place Value</b> 5.NBT.3, 5.NBT.3a
		Order whole numbers and decimals.	<b>Chapter 1 Place Value</b> 5.NBT.3, 5.NBT.3a, 5.NBT.3b
		Estimate sums and differences of decimals by rounding.	<b>Chapter 5 Add and Subtract Decimals</b> 5.NBT.4, 5.NBT.7
		Add and subtract decimals	<b>Chapter 5 Add and Subtract Decimals</b> 5.NBT.7
Understand decimals and model decimals.		<b>Chapter 6 Multiply and Divide Decimals</b> 5.NBT.4	
<b>Math Triumphs Book 3</b>	<b>Chapter 8 Geometry</b>	Classify quadrilaterals based on attributes (congruent sides, parallel sides, and right angles).	<b>Chapter 12 Geometry</b> 5.G.3, 5.G.4
		Classify triangles based on attributes (side and angle measures).	<b>Chapter 12 Geometry</b> 5.G.3, 5.G.4
		Describe properties of three-dimensional figures.	<b>Chapter 12 Geometry</b> Prep for 5.MD.3

	<b>Chapter 10 Surface Area, Volume, and Measurement</b>	Convert measurements of mass (milligram, gram, and kilogram) within the metric system.	<b>Chapter 11 Measurement</b> 5.MD.1
		Convert measurements of capacity (liter, milliliter, and kilogram) within the metric system.	<b>Chapter 11 Measurement</b> 5.MD.1
		Convert measurements of capacity (fluid ounce, cup, pint, quart, and gallon) within the customary system.	<b>Chapter 11 Measurement</b> 5.MD.1
		Convert measurements of weight (ounce, pound, and ton) within the customary system.	<b>Chapter 11 Measurement</b> 5.MD.1
		Use models to find the volume of rectangular prisms.	<b>Chapter 12 Geometry</b> 5.MD.3, 5.MD.3a, 5.MD.3b, 5.MD.4
		Use volume formulas to find the volume of rectangular prisms.	<b>Chapter 12 Geometry</b> 5.MD.5, 5.MD.5a, 5.MD.5b