

4th Grade Curriculum Map (MATH)

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Month	Objectives/Learning	Applicable State &	Assessments
Weekly	Each day they get a math minute worksheet that covers various math skills. We also do daily fact practice.	The standards vary from day to day.	I grade them each day, and then we go over skills that need practice.
August	(Chapter 1 Place Value) Students will study lessons 1-1 Thousands 1-2 What Is One Million? 1-3 Millions 1-4 Expanded Form Students will read and write numbers to thousands, use place value to understand millions, read and write numbers in millions using numerals and number names, and read and write numbers in expanded form.	4.NBT.2	Students will do daily practice of problems from each lesson. They will complete them in their notebook, and then I will check them. Students will have various assessments throughout the month of learning. They will have homework, worksheets when remediation is needed, there is a Check of Progress in the middle of each chapter, and a chapter review and test at the end of each chapter.

September	<p>(Chapter 1 Place Value) Students will study lessons 1-5 Round Whole Numbers 1-6 Compare and Order Whole Numbers 1-7 Problem Solving: Make a Table (Chapter 2 Addition) 2-1 Mathematical Expressions 2-2 Addition Properties 2-3 Estimate Sums 2-4 Add Thousands</p> <p>In chapter 1, students will use place value to round numbers to any place, use place value to compare numbers, and solve problems by using a variety of strategies that include making a table. In chapter 2, students will represent problems using mathematical expressions, use addition properties to add numbers, use estimation to add numbers, and add whole numbers in the thousands.</p>	<p>4.NBT.3 4.NBT.2 MP 1, MP 6 4.OA.3 4.NBT.4</p>	<p>Students will do daily practice of problems from each lesson. They will complete them in their notebook, and then I will check them. Students will have various assessments throughout the month of learning. They will have homework, worksheets when remediation is needed, there is a Check of Progress in the middle of each chapter, and a chapter review and test at the end of each chapter.</p>
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<p>October</p>	<p>Students will study lessons (Chapter 2) 2-5 Add Millions 2-6 Three or More Addends 2-7 Problem Solving: Make an Organized List</p> <p>(Chapter 3) 3-1 Estimate Differences 3-2 Subtract with One Regrouping 3-3 Subtract with Two Regroupings In chapter 2, students will add whole numbers into the millions, add three or more numbers, and solve problems by using a variety of strategies, including making an organized list. In chapter 3, students will use estimation strategies to solve subtraction problems, subtract multidigit whole numbers using the standard algorithm, and subtract multidigit whole numbers with two regroupings.</p>	<p>4.NBT.4 MP 1, MP 6 OA.3</p>	<p>4.</p> <p>Students will do daily practice of problems from each lesson. They will complete them in their notebook, and then I will check them. Students will have various assessments throughout the month of learning. They will have homework, worksheets when remediation is needed, there is a Check of Progress in the middle of each chapter, and a chapter review and test at the end of each chapter.</p>
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November	<p>Students will study lessons (Chapter 3) 3-4 Subtract Greater Numbers 3-5 Zeros in Subtraction 3-6 Multistep Problems Using Addition and Subtraction 3-7 Problem Solving: Use a Model In chaoter 3, students will solve subtraction problems with multidigit numbers that include zeros, solve multistep addition and subtraction problems using equations, and solve problems by using a variety of strategies including using a model.</p>	<p>MP 1, MP 6 NBT.4 4.OA.3</p>	<p>4.</p> <p>Students will do daily practice of problems from each lesson. They will complete them in their notebook, and then I will check them. Students will have various assessments throughout the month of learning. They will have homework, worksheets when remediation is needed, there is a Check of Progress in the middle of each chapter, and a chapter review and test at the end of each chapter.</p>
December	<p>In chapter 4, students will study lessons: 4-1 Multiplication Properties 4-2 Use Place-Value Models 4-3 Multiply Tens, Hundreds, and Thousands Students will use multiplication properties to multiply accurately and efficiently, use place value models to illustrate and explain multiplication calculations, and understand the patterns of zeros when multiplying by tens, hundreds, and thousands.</p>	<p>4.NBT.5 4.OA.3 4.OA.2</p>	<p>Students will do daily practice of problems from each lesson. They will complete them in their notebook, and then I will check them. Students will have various assessments throughout the month of learning. They will have homework, worksheets when remediation is needed, there is a Check of Progress in the middle of each chapter, and a chapter review and test at the end of each chapter.</p>

<p>January</p>	<p>In chapters 4 and 5 students will study lessons: 4-4 Estimate Products 4-5 Multiply to Compare Numbers 4-6 Problem Solving: Make a Model 5-1 Multiply with Regrouping 5-2 Use Properties to Multiply by One-Digit Number In chapter 4, Students will use front-end estimation and rounding to estimate products, interpret a multiplication equation as a comparison, and solve problems using a variety of strategies, including making a model to represent a situation. In chapter 5, students will use regrouping to multiply two numbers, and use properties to multiply.</p>	<p>MP 1, MP 6 NBT.5 4.OA.3 4.OA.2</p>	<p>4.</p> <p>Students will do daily practice of problems from each lesson. They will complete them in their notebook, and then I will check them. Students will have various assessments throughout the month of learning. They will have homework, worksheets when remediation is needed, there is a Check of Progress in the middle of each chapter, and a chapter review and test at the end of each chapter.</p>
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February	<p>In chapters 5 and 6, students will study lessons:</p> <p>5-3 Use Area Models to Multiply by One-Digit Numbers</p> <p>5-4 Multiply Three- and Four-Digit Numbers</p> <p>5-5 Multiplicative and Additive Comparisons</p> <p>5-6 Problem Solving: Guess and Test</p> <p>6-1 Use Area Models to Multiply by Two-Digit Numbers</p> <p>6-2 Break Apart Numbers to Multiply</p> <p>In chapter 5, students will multiply three and four digit numbers by one digit, solve problems that involve multiplicative and additive comparisons, and solve problems by using a variety of strategies including guess and test. In chapter 6, students will use area models to multiply by two-digit numbers and break apart numbers by place value to multiply.</p>	4.NBT.5 MP 1, MP 6	<p>Students will do daily practice of problems from each lesson. They will complete them in their notebook, and then I will check them. Students will have various assessments throughout the month of learning. They will have homework, worksheets when remediation is needed, there is a Check of Progress in the middle of each chapter, and a chapter review and test at the end of each chapter.</p>
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<p>March</p>	<p>In chapter 6 and 7, students will study lessons: 6-3 Multiply by Two-Digit Numbers: No Regrouping 6-4 Multiply by Two-Digit Numbers: Regrouping 6-5 Multiplication Patterns 6-6 Problem Solving: Write and Solve an Equation 7-1 Division Rules 7-2 Relate Multiplication and Division In chapter 6, students will find the product of two 2-digit numbers, find the product of a two, three, or four- digit number and a two-digit number, use patterns to multiply by multiples of 10, 100, or 1000, and solve problems by using a variety of strategies in cluding writing and solving an equation. In chapter 7, students will find whole number quotients using strategies and properties of operations and understand the relationship between multiplication and division.</p>	<p>4.NBT.5 MP 1, MP 6 4.NBT.6</p>	<p>Students will do daily practice of problems from each lesson. They will complete them in their notebook, and then I will check them. Students will have various assessments throughout the month of learning. They will have homework, worksheets when remediation is needed, there is a Check of Progress in the middle of each chapter, and a chapter review and test at the end of each chapter.</p>
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<p>April & May</p>	<p>In chapters 7 and 8, students will study lessons: 7-3 Estimate Quotients 7-4 Use Models to Divide 7-5 Number Patterns 7-6 Problem Solving: Work Backward 8-1 One-Digit Quotients 8-2 Divisibility 8-3 Two-Digit Quotients 8-4 Zeros in Quotients 8-5 More Quotients 8-6 Order of Operations In chapter 7, students will find whole number quotients using models such as arrays and area models, make a number pattern, and find features of patterns, and solve problems by working backwards. In chapter 8, students will solve division problems involving one-digit quotients, use divisibility rules to tell whether one number is divisible by another, divide to find two-digit quotients, find quotients that include zeros, find whole-number quotients and remainders, and solve problems using the order of operations.</p>	<p>4.OA.3 4.NBT.6 4.OA.5 MP 1, MP 6</p>	<p>Students will do daily practice of problems from each lesson. They will complete them in their notebook, and then I will check them. Students will have various assessments throughout the month of learning. They will have homework, worksheets when remediation is needed, there is a Check of Progress in the middle of each chapter, and a chapter review and test at the end of each chapter.</p>
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