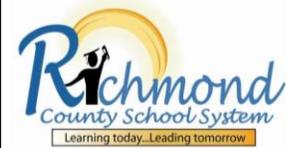


Spiral Review: During the daily Number Sense Routine of the [Mathematics Block](#), topics such addition, subtraction, multiplication and division of whole numbers (NBT.4, NBT.5, NBT.6) & operations with fractions (N.F.3, NF.4) should be addressed ongoing throughout the entire year. Solving word problems using the four operations with whole numbers, decimals, and simple fractions should be incorporated throughout the year. Basic facts with strategies should also be practiced daily with digital or print [fluency games](#). Incorporate components of the Standards for Mathematical Practice (SMP) in your daily lesson.



2021 – 2022 Fourth Grade Math Curriculum Map

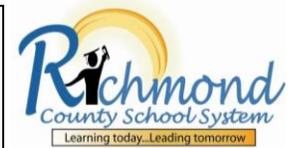
The suggested instructional pacing schedule is approximate and can be adjusted; however, the sequence of instruction should not be altered. Teachers should adhere to the guide as closely as possible.

First Semester – Part 1

Click on the hyperlinks in the table to view instructional strategies and resources for teaching the specified standard.

Unit 0 Think Like a Mathematician Course Overview	Unit 1A Addition & Subtraction of Whole Numbers	Unit 1B Multiplication and Division of Whole Numbers	Buffer
Establish Number Sense and SMP Routines Grade 3 Standards 3.NBT.2 , 3.OA.3 and 3.OA.7 Prerequisite Skill Assessment & Answer Key Number Talks Talk Moves Other Routines	Priority Standards 4.OA.3* 4.NBT.1 4.NBT.4 Supporting Standards 4.NBT.2 , 4.NBT.3 , 4.MD.2* *Add/Subtract ONLY	Priority Standards 4.OA.3* 4.NBT.5 4.NBT.6 Supporting Standards 4.OA.1a-b , 4.OA.2 , 4.OA.4 4.OA.5, 4.MD.2* , 4.MD.8 *Multiply/Divide ONLY	Priority Standards 4.OA.3* 4.NBT.5 4.NBT.6 *Add, Subtract, Multiply & Divide
12 days	2 weeks (14 days)	5 weeks (25 days)	3 days
Big Ideas: Fluently Add/Subtract within 1000 Solve Multiplication/Division Word Problems within 100 Fluently Multiply/Divide within 100 (paper pencil) & From Memory within 100	Big Ideas: Solve Multistep Addition/Subtraction Word Problems within 1,000,000 Place Value with Multi-Digit Whole Numbers within 1,000,000 Fluently Add/Subtract within 1,000,000	Big Ideas: Solve Multistep Multiplication/Division Word Problems Multiply Whole Numbers using Strategies (4 digits by 1 digit AND two 2 digits #s) Divide Whole Numbers using Strategies (4-digits dividends by 1-digit divisor)	Assessment Remediation Enrichment

Spiral Review: During the daily Number Sense Routine of the [Mathematics Block](#), topics such addition, subtraction, multiplication and division of whole numbers (NBT.4, NBT.5, NBT.6) & operations with fractions (N.F.3, NF.4) should be addressed ongoing throughout the entire year. Solving word problems using the four operations with whole numbers, decimals, and simple fractions should be incorporated throughout the year. Basic facts with strategies should also be practiced daily with digital or print [fluency games](#). Incorporate components of the Standards for Mathematical Practice (SMP) in your daily lesson.



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First Semester – Part 2

Click on the hyperlinks in the table to view instructional strategies and resources for teaching the specified standard.

Pre-Unit Review Buffer	Unit 2A Fraction Equivalents	Unit 2B Operations with Fractions **Continues after the holiday break**
3.NF.3a-d	Priority Standard 4.NF.2 Supporting Standards 4.NF.1 4.MD.2	Priority Standards 4.NF.3a-d 4.NF.4a-c Supporting Standard 4.MD.2
3 days	3 weeks (16 days)	3.5 weeks (17 days)
Big Ideas: Explain Equivalence with Visual Fraction Models Compare Fractions	Big Ideas: Compare Fractions with Different Numerators and Denominators	Big Ideas: Adding and Subtracting Fractions and Mixed Numbers Multiplying a Fraction by a Whole Number

Spiral Review: During the daily Number Sense Routine of the [Mathematics Block](#), topics such addition, subtraction, multiplication and division of whole numbers (NBT.4, NBT.5, NBT.6) & operations with fractions (N.F.3, NF.4) should be addressed ongoing throughout the entire year. Solving word problems using the four operations with whole numbers, decimals, and simple fractions should be incorporated throughout the year. Basic facts with strategies should also be practiced daily with digital or print [fluency games](#). Incorporate components of the Standards for Mathematical Practice (SMP) in your daily lesson.



2021 – 2022 Fourth Grade Math Curriculum Map

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Second Semester – Part 1

Click on the hyperlinks in the table to view instructional strategies and resources for teaching the specified standard.

Unit 2B Operations with Fractions **Started before the holiday break**	Buffer/Pre-Unit Review	Unit 3 Fractions and Decimals	Buffer
Priority Standards 4.NF.3a-d 4.NF.4a-c Supporting Standard 4.MD.2	Priority Standards 4.NF.3a-d 4.NF.4a-c	Priority Standards 4.NF.6 4.NF.7 Supporting Standards 4.NF.5 4.MD.2	Priority Standards 4.NF.6 4.NF.7
2 weeks (9 days)	2 days	4 weeks (19 days)	2 days
Big Ideas: Adding and Subtracting Fractions and Mixed Numbers Multiplying a Fraction by a Whole Number	Assessment Remediation Enrichment	Big Ideas: Use Decimal Notation for Fractions with Denominators 10 or 100 Compare Two Decimals to Hundredths	Assessment Remediation Enrichment

Spiral Review: During the daily Number Sense Routine of the [Mathematics Block](#), topics such addition, subtraction, multiplication and division of whole numbers (NBT.4, NBT.5, NBT.6) & operations with fractions (N.F.3, NF.4) should be addressed ongoing throughout the entire year. Solving word problems using the four operations with whole numbers, decimals, and simple fractions should be incorporated throughout the year. Basic facts with strategies should also be practiced daily with digital or print [fluency games](#). Incorporate components of the Standards for Mathematical Practice (SMP) in your daily lesson.



2021 – 2022 Fourth Grade Math Curriculum Map

The suggested instructional pacing schedule is approximate and can be adjusted; however, the sequence of instruction should not be altered. Teachers should adhere to the guide as closely as possible.

Second Semester – Part 2

Click on the hyperlinks in the table to view instructional strategies and resources for teaching the specified standard.

Unit 4 Geometry	Buffer	Pre-Unit Review Buffer	Unit 5 Measurement	4 th Grade Review Show What You Know
<p style="color: green; font-weight: bold;">Priority Standard</p> <p style="color: blue; text-decoration: underline;">4.G.2</p> <p style="color: blue; font-weight: bold;">Supporting Standards</p> <p style="color: blue; text-decoration: underline;">4.G.1, 4.G.3, 4.MD.2</p>	<p style="color: green; font-weight: bold;">Priority Standard</p> <p style="color: blue; text-decoration: underline;">4.G.2</p>	<p style="color: blue; text-decoration: underline;">3.MD.4</p> <p style="color: blue; text-decoration: underline;">3.NF.2a-b</p>	<p style="color: green; font-weight: bold;">Priority Standards</p> <p style="color: blue; text-decoration: underline;">4.MD.4, 4.MD.8</p> <p style="color: blue; font-weight: bold;">Supporting Standards</p> <p style="color: blue; text-decoration: underline;">4.MD.1a-c,</p> <p style="color: blue; text-decoration: underline;">4.MD.2, 4.MD.3</p> <p style="color: blue; text-decoration: underline;">4.MD.5a-b, 4.MD.6,</p> <p style="color: blue; text-decoration: underline;">4.MD.7</p>	<p style="color: green; font-weight: bold;">Priority Standards</p> <p style="color: blue; text-decoration: underline;">4.NBT.4, 4.NBT.5, 4.NBT.6, 4.NF.3a-d</p> <p style="color: blue; text-decoration: underline;">4.NF.4a-c</p>
2 weeks (10 days)	2 days	1 day	3 weeks (15 days)	6 weeks (30 days)
<p style="font-weight: bold;">Big Ideas:</p> <p>Classify Shapes by Properties of Their Lines and Angles</p>	<p style="font-weight: bold;">Assessment Enrichment Remediation</p>	<p style="font-weight: bold;">Big Ideas:</p> <p>Measure Lengths with Halves and Fourths/Line Plots</p> <p>Understand Fractions on a Number Line</p>	<p style="font-weight: bold;">Big Ideas:</p> <p>Represent, Interpret, and Solve Addition/Subtraction Word Problems Using Data (Line Plots)</p> <p>Recognize Area as Additive AND Find Areas of Rectilinear Figures.</p>	<p style="font-weight: bold;">Big Ideas:</p> <p>Fluently Add/Subtract within 1,000,000</p> <p>Multiply Whole Numbers using Strategies (4 digits by 1 digit AND two 2 digits #s)</p> <p>Divide Whole Numbers using Strategies (4-digits dividends by 1-digit divisor)</p> <p>Adding and Subtracting Fractions and Mixed Numbers</p> <p>Multiplying a Fraction by a Whole Number</p>