

St Johns County School District

Fifth Grade - Math - Public Year-at-a-Glance 2021-2022



	Standards (click on the Standard coding to go to additional information and resources)		At Home Resources
	Standards	Topics	At Home Resources
Quarter 1	5.MD.3.3 5.MD.3.4 5.NBT.2.5 5.NF.2.6 5.NF.1.1 5.NF.1.2 5.NBT.1.1 5.NBT.1.2 5.NBT.1.3	Understanding Volume	<ul style="list-style-type: none"> FL Student Tutorial- Working for Wonka Volume video Volume using Unit Cubes- online practice Minecraft- Rectangular Prism game Cubes- virtual volume practice
		Developing Multiplication and Division Strategies <i>(to understand what's happening in our algorithms)</i>	<ul style="list-style-type: none"> Strategies for multiplying and dividing Multiply and Divide with Area Model Division using understanding of place value Partial Product to Multiply Partial Quotient to Divide
		Using equivalency to Add and Subtract Fractions with Unlike Denominators	<ul style="list-style-type: none"> Add and subtract fractions with unlike denominators Word problems with unlike denominators Add fractions with unlike denominators- great explanations
Quarter 2	5.NBT.1.1 5.NBT.1.2 5.NBT.1.3 5.NF.2.3 5.NF.2.4 5.NBT.1.3 5.NBT.1.4 5.NF.2.5 5.NF.2.6	Expanding Understanding of Place Value to Decimals	<ul style="list-style-type: none"> FL Student Tutorial- Flying from Place to Place Review of comparing decimals to hundredths Make sense of decimals through thousandths- base 10 pic Compare decimals game Variety of decimal games Decimals of the Caribbean- decimal online game Place Bones- Decimals game
		Understanding the Concept of Multiplying Fractions by Fractions	<ul style="list-style-type: none"> FL Student Tutorial- Interpret a Fraction as Division 5.NF.3 with understanding SEDL-5.NF.4 GOOD video for parents and children
		Comparing and Rounding Decimals	<ul style="list-style-type: none"> FL Student Tutorial- Cracking the Decimal Code Math Rounding Decimals Rounding decimals on a numberline
		Interpreting Multiplying Fractions as Scaling	<ul style="list-style-type: none"> SEDL- 5.NF.5a Scaling with understanding Mult a fraction greater or less than 1 to compare

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	Standards	Topics	At Home Resources
Quarter 3	5.NF.2.7 5.MD.3.5 5.NBT.2.7 5.MD.1.1 5.G.2.3 5.G.2.4	Developing the Concept of Dividing Unit Fractions	<ul style="list-style-type: none"> • SEDL- 5.NF.7 dividing unit fractions • Dividing fractions by whole numbers-5.NF.7
		Solving Problems Involving Volume	<ul style="list-style-type: none"> • Find the volume of a rectangular prism • 5.MD.5 various examples
		Performing Operations with Decimals	<ul style="list-style-type: none"> • FL Student Tutorial- Measuring to Build a Ramp • The Value of Education- NBT.7 application task
		Classifying Two Dimensional Geometric Figures	<ul style="list-style-type: none"> • Two Dimensional Figures- quads and triangles • Classify 2-D Figures- GREAT video • Shape Classification
Quarter 4	5.NF.2.7 5.MD.2.2 5.OA.1.1 5.OA.1.2 5.OA.2.3 5.G.1.1 5.G.1.2 5.NBT.2.5 5.NBT.2.6 5.NBT.2.7	Solving Problems with Fractional Quantities	<ul style="list-style-type: none"> • FL Student Tutorial- Samantha's Shell Collecting Adventure • Banana Pudding- task with fractional quantities • Painting a Room- NF.7 • Origami Stars- NF.7 • Standing in Line
		Representing Algebraic Thinking	<ul style="list-style-type: none"> • FL Student Tutorial- The Expression Debate • Watch out for Parentheses 1 • Using Operations and Parentheses • Comparing Products- focus on understanding • Video Game Scores- practical application • Words to Expressions 1
		Exploring the Coordinate Plane	<ul style="list-style-type: none"> • FL Student Tutorial- You Sank my Battleship! • Sidewalk Patterns • Splash Math-Number Patterns • Numerical Patterns • Parts of a coordinate plane • Coordinate plane graphing • Coordinate plan word problems practice • Elmer's Multiplication Error- necessary understandings
		Finalizing Multiplication and Division of Whole Numbers	

***Florida expects Fifth Grade students to be able to successfully use the multiplication algorithm formula along with Partial Products and the Area Model. Likewise, Fifth Grade students should be able to successfully use and explain the Partial Quotients and Area Model for Division. The Long Division Algorithm is a Sixth Grade EE standard.