

St Johns County School District

Second 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	Adding and Subtracting Within 100	<ul style="list-style-type: none"> • Make Math Fun with Place Value Games
	Exploring Standard Units of Length	<ul style="list-style-type: none"> • Strolling with my Gnomies • Intro to Standard Measurement • Measuring in Centimeters • Measuring with a Measuring Tape • Turtle Pond
	Relating Addition and Subtraction to Length	<ul style="list-style-type: none"> • Elementary Addition Word questions involving length • Elementary Subtraction Word questions involving length • Scrolling number line practice
	Relating Skip Counting to Time	<ul style="list-style-type: none"> • Telling Time with skip counting by 5s
Quarter 2	Solving Problems Involving Money	<ul style="list-style-type: none"> • Money Game with US Coins and Bills • Money part 2 for grade 2- counting money • Kids Money Game • Who Wants to be a Hundredaire
	Understanding Three-Digit Numbers	<ul style="list-style-type: none"> • Place Value 3-Digit Machine • Looking at Numbers Every Which Way • Party Favors
	Expressing and Comparing Three-Digit Numbers	<ul style="list-style-type: none"> • Comparisons 1 • Comparisons 2 • Digits 2-5-7 • Number Line Comparisons • Using Pictures to Explain Number Comparisons
	Relating Skip Counting to Mental Addition and Subtraction	<ul style="list-style-type: none"> • Skip-counting by 5s • Skip-count by 5s practice • Skip-count by 10s • Skip-count by 100s • Skip-count by 100s practice
	Relating Skip Counting to Time	<ul style="list-style-type: none"> • Telling Time with skip counting by 5s

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	Standards	Topics	At Home Resources
Quarter 3		Generating and Representing Measurement Data to Solve Problems.	<ul style="list-style-type: none"> • Simple put-together -take apart bar graphs • How to collect data and make a line plot • Picture Graphs for second grade • The Longest Walk- line plot practice
	2.OA.1.1 2.MD.4.9 2.MD.4.10	Reasoning with Shapes and Their Attributes	<ul style="list-style-type: none"> • Which Pictures Represent One Half? • Polygon Gallery
	2.G.1.1 2.G.1.3 2.NBT.2.6 2.NBT.2.7 2.NBT.2.9 2.OA.3.3	Applying Strategies to Add and Subtract Within 1000	<ul style="list-style-type: none"> • Why addition and subtraction strategies work- PARENTS watch this • Subtract a multiple of 10 from a two-digit number • Grand Slam Math practice with multi-step problems • Brain Teasers
		Developing Foundations of Multiplication by Exploring Even and Odd Numbers	<ul style="list-style-type: none"> • Education Galaxy: Odd or Even • Dragon Eggs-even or odd
Quarter 4	2.OA.3.4 2.G.1.2 2.MD.1.3 2.MD.1.4	Using Arrays for Foundations of Multiplication	<ul style="list-style-type: none"> • Real Life Arrays • Creating Arrays and Groups for Multiplication • Tips for Parents on foundations of multiplication and division • Multiplication Series: Number Arrays
	2.OA.1.1 2.OA.1.a 2.OA.2.2 2.NBT.2.5	Estimating and Comparing Lengths	<ul style="list-style-type: none"> • Estimating Length- Khan • Practice Estimating- Khan • Comparing Lengths- Khan • Practice comparing lengths- Khan
		Demonstrating Fluency in Addition and Subtraction	<ul style="list-style-type: none"> • Fact Strategies Games

***Timed tests offer little insight about how flexible students are in their use of strategies or even which strategies a student selects. And evidence suggests that efficiency and accuracy may actually be negatively influenced by timed testing. A study of nearly 300 first graders found a negative correlation between timed testing and fact retrieval and number sense (Henry and Brown 2008). Children who were frequently exposed to timed testing demonstrated lower progress toward knowing facts from memory than their counterparts who had not experienced as many timed tests. In fact, growing evidence suggests that timed testing has a negative impact on students. (Boaler 2012, Henry and Brown 2008, Ramierz et al.2013).