## $2^{\text {nd }}$ Grade Math Parent Guide

|  | $1^{\text {st }}$ Grading Period | $2^{\text {nd }}$ Grading Period | $3^{\text {rd }}$ Grading Period | $4^{\text {th }}$ Grading Period |
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| Units/TEKS <br> Process <br> Standards <br> 2.1ABCDEFG <br> and Personal <br> Financial <br> Literacy <br> Standards <br> 2.11ABCDEF <br> through every <br> unit <br> TEKS | Unit 1: Counting, Coins, and Combinations <br> 2.2ABCDEF, 2.4ABCD, 2.5AB, 2.7C, 2.9CG <br> Unit 3: Place Value, Addition, and Subtraction <br> 2.2ABF, 2.4ABCD, 2.6A, 2.7C, 2.9G | Continue Unit 3 <br> Unit 4: Data and Graphs <br> 2.10ABCD | Unit 2: 2D and 3D and their Attributes <br> 2.8ABCDE <br> Unit 7: Fractions <br> 2.3ABCD, 2.6B, 2.8E <br> Unit 6: Place Value to 100, Addition and <br> Subtraction of 2-digit numbers <br> 2.2ABCDEF, 2.4ABC, $2.5 \mathrm{AB}, 2.6 \mathrm{~A}, 2.7 \mathrm{BC}$, <br> 2.9C | Unit 8 <br> 2.4ABCD, 2.7BC <br> Unit 5: Patterns, Multiplication <br> Concept, and Tables <br> 2.6AB, 2.9F <br> Unit 9: Measurement <br> 2.9ABDEF <br> Personal Financial Literacy <br> 2.11ABCDEF |
| Topic Focus | Unit 1: The mathematical focus of this unit is on building number sense through counting and comparing quantities and composing and decomposing numbers. Students also work with the operations of addition and subtraction, developing strategies for comparing, combining, and doubling quantities, as well as taking one quantity away from another. <br> Unit 3: The mathematical focus of this unit is on using what you know (e.g. known combinations, order does not matter in addition, and so on) to make problems easier to solve, developing and refining strategies for solving a variety of addition and subtraction problems, and counting by groups. Students also investigate what makes numbers even and odd. | Continue Unit 3: The mathematical focus of this unit is on using what you know (e.g. known combinations, order does not matter in addition, and so on) to make problems easier to solve, developing and refining strategies for solving a variety of addition and subtraction problems, and counting by groups. Students also investigate what makes numbers even and odd. <br> Unit 4: This unit develops ideas about collecting, representing, describing, and interpreting data. | Unit 2: This unit develops students' ideas about 2D and 3D shapes and their characteristics and attributes. Students work on how to compose and decompose the shapes in different ways, and how to sort, categorize, name, and think about the relationships between them. <br> Unit 7: This unit develops ideas about understanding, representing, and computing with fractions. The mathematical focus will be on understanding fractions as equal parts of a whole, equal parts of a group, and using terms and notations. <br> Unit 6: This unit develops ideas about counting and quantity, the composition of numbers-including work with place value and the structure of the base-10 number system-and the operations of addition and subtraction. The mathematical focus of this unit is on developing students' understanding of place value with specific emphasis on the structure of 100. Students apply their understanding of place value as they continue to develop and refine their strategies for adding and subtracting twodigit numbers. | Unit 8: The mathematical focus of this unit is on making generalizations about what happens when you add even and odd numbers, developing fluency with the remaining strategies for adding and subtracting two- and three-digit numbers, and recording such work. Unit 5: This unit develops the ideas about patterns, sequences, and functions and are part of the early algebra foundation integrated into the curriculum. Students will describe and represent ratios and use tables to represent change. <br> Unit 9: This unit develops ideas about linear measurement as it relates to length, width, and units to measure. |




Math 4 Texas: https://www.math4texas.org/
Graham Fletcher Progression Videos: https://gfletchy.com/progression-videos/
Interactive Math Glossary: https://www.texasgateway.org/resource/interactive-math-glossary
ST Math: sso.ems-isd.net
Khan Academy: https://www.khanacademy.org/math

