

1st Grade - Math

Math	<p>Building upon the mathematical foundations laid in the kindergarten year, first graders will continue to use concrete and pictorial representations to strengthen their knowledge of numbers through 120, exploring other methods of addition and subtraction such as counting on, making ten, and counting back. Students will investigate number relationships through comparison, ordinality, and digit position and proximity. Students will continue to use number bonds to compose and decompose numbers and make addition and subtraction stories to represent said number bonds. They will progress to “part-whole” and “comparison” representations for addition and subtraction story problems, writing number sentences using numerals and symbols (+, −, =). Using base ten blocks and ten frames, learners will add and subtract three single-digit numbers and up to two 2-digit numbers, with and without renaming. Throughout the year, students will naturally begin to move from relying on concrete and pictorial representations for these foundational topics toward developing an abstract understanding of the concepts. Additionally, first graders will explore early measurement skills for length, tell time to the half hour, work with two-dimensional and three-dimensional shapes in geometry, and interact with data as they collect, organize, represent, and read data in graphs and tally charts.</p> <p>Chapter 1: Numbers to 10</p> <p>Chapter 2: Addition Within 10</p> <p>Chapter 3: Subtraction Within 10</p> <p>Chapter 4: Numbers to 20</p> <p>Chapter 5: Addition and Subtraction Within 20</p> <p>Chapter 6: Addition and Subtraction Word Problems</p> <p>Chapter 7: Length</p> <p>Chapter 8: Numbers to 120</p> <p>Chapter 9: Addition and Subtraction Within 100</p> <p>Chapter 10: Data</p> <p>Chapter 11: Shapes</p> <p>Chapter 12: Time</p>
------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------