

Mathematics – Grade 2

| Operations and Algebraic Thinking | Number and Operations in Base Ten |
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| <ul style="list-style-type: none"> • Solve challenging addition and subtraction word problems with one or two steps (e.g., a “one-step” problem would be: “Lucy has 23 fewer apples than Julie. Julie has 47 apples. How many apples does Lucy have?”). • Fluently add with a sum of 20 or less (e.g., $11 + 8$); fluently subtract from a number 20 or less (e.g., $16 - 9$); and know all sums of one-digit numbers from memory by the end of the year. • Work with equal groups of objects to gain foundations for multiplication. | <ul style="list-style-type: none"> • Understand what the digits mean in three-digit numbers (place value). • Use an understanding of place value to add and subtract three-digit numbers (e.g., $811 - 367$); add and subtract two-digit numbers fluently (e.g., $77 - 28$). |
| Measurement and Data | Geometry |
| <ul style="list-style-type: none"> • Solve addition and subtraction word problems involving length (e.g., “The pen is 2 cm longer than the pencil. If the pencil is 7 cm long, how long is the pen?”). • Tell time. • Count money. | <ul style="list-style-type: none"> • Build, draw, and analyze 2-D and 3-D shapes to develop foundations for area, volume, and geometry in later grades. • Divide shapes into equal shares to build the foundations for fractions in later grades. |