

*Math Curriculum  
2nd Grade*

|                             | <b>September</b>  | <b>October</b>   | <b>November</b>                                       | <b>December</b>                                       |
|-----------------------------|---|--|---|---|
| <b>Essential Questions:</b> | What is the connection between numbers and quantity.                        | What is the relationship between addition and subtraction?                                     |   |   |
|                             | What strategies do I use to solve word problems? (on-going)                 | How does understanding place value help me solve addition and subtraction problems? (on-going) |   |   |
|                             | How do I use numbers efficiently?   |  |   |   |
|                             | What strategies can I use to add and subtract? (on-going)                   |  |   |   |
| <b>Content/ Units:</b>      | Unit 1: Number and Operations   | Unit 1: Number and Operations  | Unit 2: 2-Digit Addition/Subtraction w/out Regrouping | Unit 2: 2-Digit Addition/Subtraction w/out Regrouping |
|                             |   | Unit 2: 2-Digit Addition and Subtraction   |   |   |
| <b>Standards/ Skills</b>    | Represent and solve problems involving addition and subtraction. (on-going) |  |   |   |
|                             | Add and subtract within 20. (on-going)                                      |  |   |   |
|                             | Understand place  |  |   |   |

|                                  |  |                               |                               |                               |
|----------------------------------|--|-------------------------------|-------------------------------|-------------------------------|
|                                  | value up to 100.   |                               |                               |                               |
|                                  | Use place value understanding and properties of operations to add and subtract. (on-going) |                               |                               |                               |
| <b>Products/<br/>Assessments</b> | Regular classroom assessment.  | Regular classroom assessment. | Regular classroom assessment. | Regular classroom assessment. |

|                             | <b>January</b>                           | <b>February</b>                      | <b>March</b>           | <b>April/ May</b>  |
|-----------------------------|--|--------------------------------------|------------------------|--|
| <b>Essential Questions:</b> |  | Why is it important to tell time?    |                        | How do I use graphs to organize data and make observations?          |
|                             |  |                                      |                        | How do I estimate and measure?                                       |
|                             |  |                                      |                        | What are ways to describe shapes?                                    |
|                             |  |                                      |                        | What are fractions and how do I use them?                            |
| <b>Content/ Units:</b>      | Unit 6: 3 digit addition and subtraction | Unit 3: Money and Time               | Unit 3: Money and Time | Unit 5: Fractions and Greater Numbers                                |
|                             |  |                                      |                        | Unit 4: Geometry, Patterns, and Measurement                          |
|                             |  |                                      |                        | Unit 6: Multiplication and Division                                  |
|                             |  |                                      |                        | Unit 3: Data and Probability   |
| <b>Standards/ Skills</b>    |  | Work with time and money. (on-going) |                        | Work equal groups of objects to gain foundations for multiplication. |
|                             |  |                                      |                        | Represent and interpret data.  |

|                                  |                               |                               |                               |   |
|----------------------------------|-------------------------------|-------------------------------|-------------------------------|---|
|                                  |                               |                               |                               | Measure and estimate length and standard units. |
|                                  |                               |                               |                               | Relate addition and subtraction to length.      |
|                                  |                               |                               |                               | Reason with shapes and their attributes.        |
| <b>Products/<br/>Assessments</b> | Regular classroom assessment. | Regular classroom assessment. | Regular classroom assessment. | Regular classroom assessment.                   |