

| <b>Florida Standards - Second Grade Math</b>  | <b>Stickybear's Early Learning</b> | <b>Stickybear Math Word Problems</b> | <b>Stickybear's Math Splash</b> | <b>Stickybear's Main Town</b> | <b>Math Mentor Series Addition &amp; Subtraction</b> | <b>Math Mentor Series Multiplication &amp; Division</b> | <b>Math Mentor Series Fractions &amp; Decimals</b> | <b>Math Test Generator</b> |
|---|------------------------------------|--------------------------------------|---------------------------------|-------------------------------|--|---|--|----------------------------|
| <b>NUMBER SENSE, CONCEPTS, AND OPERATIONS</b>   |                                    |                                      |                                 |                               |  |   |  |                            |
| The student understands the different ways numbers are represented & used in the real world   | ✓                                  | ✓                                    | ✓                               | ✓                             |  |   |  |                            |
| The student understands number systems  | ✓                                  | ✓                                    | ✓                               | ✓                             |  |   |  |                            |
| The student understands the effects of operations on numbers & the relationships among these operations, selects appropriate operations, & computes for problem solving |                                    | ✓                                    | ✓                               | ✓                             | ✓  |   |  | ✓                          |
| The student uses estimation in problem solving and computation  |                                    |                                      |                                 | ✓                             |  |   |  |                            |
| The student understands and applies theories related to numbers   |                                    |                                      |                                 | ✓                             |  |   |  |                            |
| <b>MEASUREMENT</b>  |                                    |                                      |                                 |                               |  |   |  |                            |
| The student measures quantities in the real world & uses the measures to solve problems   |                                    |                                      | ✓                               | ✓                             |  |   |  |                            |
| The student compares, contrast, & converts within systems of measurement (both standard/nonstandard & metric/customary)   |                                    |                                      |                                 |                               |  |   |  |                            |
| The student estimates measurements in real-world problem situations   |                                    |                                      | ✓                               | ✓                             |  |   |  |                            |
| The student selects & uses appropriate units & instruments for measurement to achieve the degree of precision & accuracy required in real-world situations              |                                    |                                      | ✓                               |                               |  |   |  |                            |

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|--|------------------------------------|--------------------------------------|---------------------------------|-------------------------------|--|---|--|----------------------------|
| <b>GEOMETRY AND SPATIAL SENSE</b>  |                                    |                                      |                                 |                               |  |   |  |                            |
| The student describes, draws, identifies, & analyzes two-and three-dimensional shapes  | <                                  |                                      |                                 |                               |  |   |  |                            |
| The student visualizes & illustrates ways in which shapes can be combined, subdivided and changed                              | <                                  |                                      |                                 |                               |  |   |  |                            |
| The student uses coordinate geometry to locate objects in both two & three dimensions & to describe objects algebraically      | <                                  |                                      |                                 |                               |  |   |  |                            |
| <b>ALGEBRAIC THINKING</b>  |                                    |                                      |                                 |                               |  |   |  |                            |
| The student describes, analyzes, & generalizes a wide variety of patterns, relations, & functions                              |                                    | <                                    |                                 | <                             | <  |   |  |                            |
| The student uses expressions, equations, inequalities, graphs, and formulas to represent & interpret situation                 |                                    |                                      |                                 |                               |  |   |  |                            |
| <b>DATA ANALYSIS AND PROBABILITY</b>   |                                    |                                      |                                 |                               |  |   |  |                            |
| The student understands & uses the tools of data analysis for managing information   |                                    |                                      | <                               |                               |  |   |  |                            |
| The student identifies patterns & makes predictions from an orderly display of data using concepts of probability & statistics |                                    |                                      |                                 |                               |  |   |  |                            |
| The student uses statistical methods to make inferences & valid arguments about real-world situations                          |                                    |                                      | <                               |                               |  |   |  |                            |