



Content Area: Math

Grade Level: Second

Curriculum Map/Scope & Sequence (2021)

<u>Unit Name/Time Period</u>	<u>BIG Ideas/Skills</u>	<u>IL Priority Learning Standards</u>	<u>I CAN Statements</u>	<u>Assessments</u>
All Year	These goals are interwoven into each unit. See the BIG Ideas/Skills sections of Units 1-6 for more details.	MP.1 (Make sense of problems and persevere in solving them) MP.2 (Reason abstractly and quantitatively) MP.3 (Construct viable arguments and critique the reasoning of others) MP.4 (Model with mathematics) MP.5 (Use appropriate tools strategically) MP.6 (Attend to precision) MP.7 (Look for and make use of structure) MP.8 (Look for and express regularity in repeated reasoning)	I CAN figure out problems and work hard until I solve them. I CAN understand different ways of working with numbers and how they relate to other numbers. I CAN communicate my mathematical ideas and respond to the ideas of others. I CAN show my understanding of problems using tools such as diagrams, two-way tables, graphs, flowcharts and formulas. I CAN use tools such as pencil and paper, models, and rulers to help solve problems. I CAN work carefully to make sure I use the correct numbers, symbols, labels, explanations, and answers. I CAN find patterns and use them to solve problems. I CAN recognize when problems have repeated calculations and look for shortcuts to help me solve them quicker.	These goals are interwoven into each unit. See the Assessments sections of Units 1-6 for more details.

<p>August/ September</p> <p>Unit 1: Linear Measurement</p> <p>6-7 weeks</p>	<p>Measure in standard units Measure in metric units Estimate lengths Compare lengths Solve real world problems involving length</p>	<p>2.MD.5 (Add and subtract within 100 to solve word problems involving length)</p>	<p>I CAN add and subtract measured lengths to solve word problems.</p>	<p>Daily Assignments Unit Test STAR Math Test Freckle Project(s)</p>
<p>October/ November/ December</p> <p>Unit 2: 2-Digit Addition and Subtraction</p> <p>10-11 weeks</p>	<p>Addition/Subtraction within 100 Addition/Subtraction strategies Solve word problems to find missing/unknown numbers Use number lines to solve addition/subtraction problems Use graphs and data sets to solve problems 2 and 3-digit addition/subtraction</p>	<p>2.NBT.5 (Fluently add and subtract within 100)</p> <p>2.NBT.9 (Explain why addition and subtraction strategies work using words and objects or pictures)</p> <p>2.OA.1 (Solve problems with unknowns in all 3 locations for +/- adding to, taking from, putting together, taking apart, comparing)</p> <p>2.OA.2 (Fluently add within 20)</p>	<p>I CAN quickly add and subtract within 100.</p> <p>I CAN use what I know about place value and the properties of addition & subtraction to explain why addition & subtraction strategies work.</p> <p>I CAN add and subtract to solve word problems.</p> <p>I CAN quickly add and subtract using numbers up to 20. I can memorize all of the sums of numbers less than 10..</p>	<p>Daily Assignments Unit Test STAR Math Test Freckle Project(s)</p>
<p>January</p> <p>Unit 3: Money and Time</p> <p>4 weeks</p>	<p>Identify and count dollars/coins Money word problems Use \$ and ¢ symbols correctly Tell time to the hour, half hour, quarter hour, and nearest 5 minutes</p>	<p>2.MD.7 (Tell time to the nearest 5 minutes)</p> <p>2.MD.8 (Solve word problems involving dollar bills, quarters, dimes, nickels, and pennies using \$ and ¢ symbols)</p>	<p>I CAN tell and write time from different kinds of clocks to the nearest 5 minutes.</p> <p>I CAN word problems involving dollar bills, quarters, dimes, nickels, and pennies using \$ and ¢ symbols.</p>	<p>Daily Assignments Unit Test STAR Math Test Freckle Project(s)</p>

<p>February/ March</p> <p>Unit 4: Place Value within 1000</p> <p>7-8 weeks</p>	<p>Count by 5s, 10s, and 100s Place value of 3-digit numbers Numerals, number words, and expanded form Greater than, less than, equal Add & subtract within 1000 Mentally add/subtract 10 & 100 Addition/Subtraction strategies</p>	<p>2.NBT.9 (Explain why addition and subtraction strategies work using words and objects or pictures)</p>	<p>I CAN use what I know about place value and the properties of addition & subtraction to explain why addition & subtraction strategies work.</p>	<p>Daily Assignments Unit Test STAR Math Test Freckle Project(s)</p>
<p>April</p> <p>Unit 5: Multiplication Readiness</p> <p>3 weeks</p>	<p>Repeated addition to create arrays Even and odd</p>	<p>2.OA.4 (Use addition to find the total number of objects in rectangular arrays and write addition equation with equal addends)</p>	<p>I CAN add to find the total number of objects in rectangular arrays (objects in rows) and write an addition sentence to match the array.</p>	<p>Daily Assignments Unit Test STAR Math Test Freckle Project(s)</p>
<p>May</p> <p>Unit 6: Geometry</p> <p>3 weeks</p>	<p>Identify angles & sides Identify triangles, quadrilaterals, pentagons, hexagons, & cubes Partition shapes into equal parts Name fractions</p>		<p>I CAN name & draw shapes and tell how many angles & sides they have.</p> <p>I CAN cut circles & rectangles into equal parts and recognize that equal parts of a whole may be different shapes.</p>	<p>Daily Assignments Unit Test STAR Math Test Freckle Project(s)</p>