

## O.A. Thorp Scholastic Academy - Student Individualized Learning Path

<b>Student Name:</b> «FIRST_NAME» «LAST_NAME» <b>Grade:</b> «GRADE» <b>HR:</b> «HMRM» <b>Current Math RIT:</b> «M_1213_Rdg_Fall»	<b>Math Grades 2 – 5</b>  <b>NWEA Strand Goals: Operations and Algebraic Thinking, Number and Operations in Base Ten, Number &amp; Operations: Fractions, Measurement and Data, Geometry</b>
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### Below 181 - Operations and Algebraic Thinking

<ul style="list-style-type: none"> <li><input type="checkbox"/> Determines the operation needed from a simple problem</li> <li><input type="checkbox"/> Writes a number sentence for a simple problem solving situation</li> <li><input type="checkbox"/> Solves real-world whole number addition problems with sums to 20 (result unknown)</li> <li><input type="checkbox"/> Solves real-world whole number addition problems with sums to 20 (start unknown)</li> <li><input type="checkbox"/> Solves real-world whole number addition problems with sums to 20 (change unknown)</li> <li><input type="checkbox"/> Solves real-world whole number addition problems with sums to 100 (result unknown)</li> <li><input type="checkbox"/> Solves real-world whole number addition problems with sums to 1000</li> </ul>	<ul style="list-style-type: none"> <li><input type="checkbox"/> Solves real-world whole number problems involving subtraction with numbers under 20</li> <li><input type="checkbox"/> Demonstrates an understanding that vertical and horizontal representations are equivalent</li> <li><input type="checkbox"/> Solves basic-facts open sentences - addition and subtraction</li> <li><input type="checkbox"/> Extends repeating patterns - geometric shapes</li> <li><input type="checkbox"/> Extends a growing arithmetic pattern, defined by numbers</li> <li><input type="checkbox"/> Completes a growing arithmetic pattern by naming missing members</li> <li><input type="checkbox"/> Vocabulary: none</li> <li><input type="checkbox"/> Signs and Symbols: lb pound</li> </ul>
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### Below 181 - Number and Operations in Base Ten

<ul style="list-style-type: none"> <li><input type="checkbox"/> Identifies the numerical and written name for whole numbers 21 to 100 (e.g., 62 is sixty-two, and vice versa)</li> <li><input type="checkbox"/> Identifies the numeral and written name for whole numbers 101 to 999 (e.g., 342 is three hundred forty-two, and vice versa)</li> <li><input type="checkbox"/> Identifies missing numbers in a series through 100</li> <li><input type="checkbox"/> Counts by 2's to 100</li> <li><input type="checkbox"/> Compares whole numbers through 999</li> <li><input type="checkbox"/> Orders sets of objects 0-10</li> <li><input type="checkbox"/> Counts objects that are grouped into tens and ones</li> <li><input type="checkbox"/> Identifies the place value and value of each digit in whole numbers through the tens place</li> <li><input type="checkbox"/> Writes equivalent forms of whole number expressions (e.g., <math>15 + 5 = 10 + 10</math>)</li> </ul>	<ul style="list-style-type: none"> <li><input type="checkbox"/> Adds 3-digit numbers with no regrouping</li> <li><input type="checkbox"/> Adds 3-digit numbers, with regrouping, with sums under 1000</li> <li><input type="checkbox"/> Uses models to calculate differences through 100 (whole numbers)</li> <li><input type="checkbox"/> Subtracts a 1-digit number from a 2-digit number that is less than 20 (whole numbers only)</li> <li><input type="checkbox"/> Subtracts a 2-digit number from a 2-digit number, with no regrouping</li> <li><input type="checkbox"/> Subtracts 2- and/or 3-digit numbers with no regrouping</li> <li><input type="checkbox"/> Instantly recalls basic multiplication facts where one factor is 0-5 and the other factor is 0-12</li> <li><input type="checkbox"/> Multiplies basic facts to <math>10 \times 10</math> vertically</li> <li><input type="checkbox"/> Adds 1-digit numbers with sums to 18 (with parentheses)</li> </ul>
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<input type="checkbox"/> Uses models to calculate whole number sums through 999 <input type="checkbox"/> Uses strategies for addition facts (e.g., compatible numbers, counting on, doubles, neighbors, making tens) <input type="checkbox"/> Adds two or three 2-digit number with regrouping	<input type="checkbox"/> Recognizes addition and subtraction fact families through 18 <input type="checkbox"/> Vocabulary: fact family, hundred, thousand <input type="checkbox"/> Signs and Symbols: ( ) order of operations
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### Below 181 - Number & Operations: Fractions

<input type="checkbox"/> Represents $\frac{1}{2}$ with a diagram or model <input type="checkbox"/> Identifies equivalent fractions using visual representations	<input type="checkbox"/> Vocabulary: fourths, thirds <input type="checkbox"/> Signs and Symbols: = is equal to
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### Below 181 - Measurement and Data

<input type="checkbox"/> Adds money vertically with no regrouping <input type="checkbox"/> Identifies the value of a collection of coins to \$1.00 (with pictures of coins) <input type="checkbox"/> Identifies the value of a collection of coins and bills to \$10.00 by "counting on" (with picture of money) <input type="checkbox"/> Estimates and measures length of an object to the nearest centimeter using a picture of a ruler <input type="checkbox"/> Measures length with customary measures to the inch mark <input type="checkbox"/> Tells time to the nearest hour <input type="checkbox"/> Tells time to the nearest half hour <input type="checkbox"/> Tells time to the nearest 5 minutes <input type="checkbox"/> Computes simple conversions among units of time (minutes in an hour, half hour, quarter hour)	<input type="checkbox"/> Determines the area of irregular shapes by counting square units <input type="checkbox"/> Interprets simple graphs or tables <input type="checkbox"/> Interprets data using tally charts <input type="checkbox"/> Reads and interprets data from a pictograph <input type="checkbox"/> Solves simple problems based on data from pictographs <input type="checkbox"/> Displays data appropriately - bar graph - scale is 1 to 1 <input type="checkbox"/> Solves simple problems based on data from bar graphs <input type="checkbox"/> Compares data from simple graphs (e.g., largest, smallest, most often, least often) <input type="checkbox"/> Vocabulary: fewer, metric, morning, taller <input type="checkbox"/> Signs and Symbols: a.m., ¢ cent sign, in. inch, p.m.
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### Below 181 - Geometry

<input type="checkbox"/> Identifies and names a triangle <input type="checkbox"/> Identifies and names a square <input type="checkbox"/> Identifies and names a rectangle	<input type="checkbox"/> Identifies and names a circle <input type="checkbox"/> Identifies and names a cube <input type="checkbox"/> Recognizes geometric shapes in real-world objects
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<input type="checkbox"/> Identifies spatial sense concepts (e.g., outside, inside, between, over, under, above, below, behind, in front, middle)	<input type="checkbox"/> Vocabulary: ray <input type="checkbox"/> Signs/Symbols: none
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