



Recommended P3 / Grade 3 Curriculum Framework

<b>Content: MATHEMATICS – P3 / Grade 3</b>						
<b>Topic: Computation / Algebraic Ideas (functions) (Weeks 6 -12): Addition (Weeks 6-9); Subtraction (Weeks 10-12)</b>						
<b>Content</b> (What do your students need to KNOW?)	<b>Demonstrators</b> (What do your students need to be able to DO?)	<b>Assessment</b> (How will you assess what your students ALREADY KNOW, and assess WHAT THEY'VE LEARNED?)	<b>Activities</b> (HOW will you teach it?)	<b>Resources</b> (What MATERIALS will you need?)	<b>Differentiation</b> (How will you reach the DIVERSITY of learners?)	<b>Literacy Connection</b> (How will you use READING and WRITING with this material?)
<p><b>CONCEPTS-Students will describe properties of, define, give examples of, and apply to both real-world and mathematical situations:</b></p> <p><b>MA-E-1.1.2</b> The operations of addition, subtraction</p> <p><b>MA-E-4.1.1</b> Functions (input-output) through pictures, tables, and words</p> <p><b>MA-E-4.1.2</b> Number sentences with a missing value or variable</p>	<p><b>AE 2.8</b> Students understand various mathematical procedures and use them appropriately and accurately.</p> <p><b>AE 2.11</b> Students understand mathematical change concepts and use them appropriately and accurately.</p> <p><b>POS-M-P-NC-41</b> Students will solve multi-digit addition and subtraction problems that contain numerals and symbols.</p> <p><b>CA</b> Students will add and subtract 2- and 3- digit numbers with regrouping.</p> <p><b>POS-M-P-A-13</b> Students will solve function machine tasks (CA – use input-output tables).</p> <p><b>POS-M-P-A-14</b> Students will solve for unknowns and open sentences.</p> <p><b>CA</b> Students will find missing addends.</p>					

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<p><b>SKILLS-Students will perform mathematical operations and procedures accurately and efficiently, explain how the skills work in real-world or mathematical situations, and are able to:</b></p> <p><b>MA-E-1.2.2</b> Add, subtract whole numbers using a variety of methods (e.g., mental, paper and pencil, calculator)</p> <p><b>MA-E-1.2.3</b> Add and subtract decimals through hundredths</p> <p><b>MA-E-1.2.6</b> Estimate computational results using an appropriate strategy</p> <p><b>MA-E-4.2.3</b> Find solutions to number sentences with a missing value (e.g., <math>7 + N = 10</math>)</p>	<p><b>CA</b> Students will determine the appropriate operations (addition/subtraction) to solve real world situations.</p> <p><b>CA</b> Students will do column addition.</p> <p><b>CA</b> Students will use calculators to add and subtract.</p> <p><b>POS-M-P-NC-44</b> Students will add and subtract decimals using money.</p> <p><b>CA</b> Students will estimate sums and differences of whole numbers.</p> <p><b>CA</b> Students will use a variety of math vocabulary (e.g., minus, subtract, add, plus).</p>					

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