

<b>Grade: 3</b> <b>Subject:</b> Mathematics	<b>Unit 3: Addition and Subtraction Word Problems - Mathematics</b>
<b>Big Idea/Rationale</b>	<ul style="list-style-type: none"> <li>• Students will develop effective strategies to solve many types of addition and subtraction word problems involving both single and multi-digit numbers. Students will solve addition and subtraction word problems that involve a total and two partners. One of these three numbers will be unknown. The lessons present a number of math tools that are use full for organizing information in word problems to fine the solution. Builds upon the conceptual understanding of linear measurement and the properties of quadrilaterals students developed in previous grade levels. In this unit, students name, sort, and classify quadrilaterals using quadrilateral names and describe them using geometric terms. Students are expected to apply their understanding of attributes of quadrilaterals to find perimeters of squares and rectangles without measuring all four sides.</li> </ul>
<b>Enduring Understanding (Mastery Objective)</b>	Students will understand that: <ul style="list-style-type: none"> <li>• Information in a problem can often be shown using a picture or diagram and used to understand and solve the problem.</li> <li>• Some problems can be solved by writing and completing a number sentence.</li> <li>• Some problems have data missing needed to find the answer, and some problems have extra data not needed to solve the problem.</li> </ul>
<b>Essential Questions (Instructional Objective)</b>	<ul style="list-style-type: none"> <li>• What are some different ways to solve addition and subtraction word problems?</li> <li>• How can a picture help you solve a word problem?</li> <li>• Why is important to pay attention to the language used when reading word problems?</li> </ul>
<b>Content (Subject Matter)</b>	<ul style="list-style-type: none"> <li>• Represent and solve a variety of word problems.</li> <li>• Review the relationship between addition and subtraction.</li> <li>• Represent and solve a variety of word problems.</li> <li>• Review the relationship between addition and subtraction.</li> <li>• Represent and solve word problems with unknown starts.</li> <li>• Convert situation equations to solve equations.</li> <li>• Interpret and use comparison language such as the words more and fewer to solve word problems.</li> <li>• Represent and solve comparison word problems.</li> <li>• Interpret and apply comparison language. Represent and solve comparison word problems with misleading language.</li> <li>• Represent and solve multi-digit word problems with unknown partners and</li> </ul>

	<p>express relationships as equations and inequalities.</p> <ul style="list-style-type: none"> <li>• Represent and solve multi-digit word problems with unknown starts.</li> <li>• Represent and solve multi-digit comparison problems.</li> <li>• Represent and solve multi-digit problems with misleading language.</li> <li>• Represent and solve a variety of multi-digit word problems.</li> <li>• Solve a variety of problems using mathematical concepts and skills.</li> <li>• Use the mathematical processes of problem solving, connections, reasoning and proof, communication, and representation.</li> </ul>
<p><b>Skills/ Benchmarks (CCSS Standards)</b></p>	<ul style="list-style-type: none"> <li>• <b>3.NBT.A.2:</b> Fluently add and subtract within 1000 using strategies and algorithms based on place value, properties of operation, and/or the relationship between addition and subtraction.</li> <li>• <b>Mathematical Practices</b></li> </ul>
<p><b>Materials and Resources</b></p>	<ul style="list-style-type: none"> <li>• Math Expressions, Student Journals, Manipulatives, Math themed literature, BrainPop, IXL Mathematics</li> </ul>