

Optimum Resource Inc.'s MiddleWare Software

California Standards - Fourth Grade Mathematics	Math Word Problems
<b>NUMBER SENSE</b>	
1.0 Students understand the place value of whole numbers & decimals to two decimal places & how whole	
numbers & decimals relate to simple fractions. Students use the concepts of negative numbers	
2.0 Students extend their use & understanding of whole numbers to the addition & subtraction of simple decimals	✓
3.0 Students solve problems involving addition, subtraction, multiplication & division of whole numbers	✓
& understand the relationships among the operations	
4.0 Students know how to factor small whole numbers	
<b>ALGEBRA AND FUNCTIONS</b>	
1.0 Students use & interpret variables, mathematical symbols, & properties to write & simplify expressions	✓
& sentences	
2.0 Students know how to manipulate equations	
Know & understand that equals added to equals are equals	
<b>MEASUREMENT AND GEOMETRY</b>	
1.0 Students Understand Perimeter and area	
2.0 Students use two-dimensional coordinate grids to represent points & graph lines & simple figures	
3.0 Students demonstrate an understanding of plane & solid geometric objects & use this knowledge	
to show relationships & solve problems	
<b>STATISTICS, DATA ANALYSIS, &amp; PROBABILITY</b>	
1.0 Students organize, represent, & interpret numerical & categorical data & clearly communicate their findings	
2.0 Students make predictions for simple probability situations	

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	<b>Math Word Problems</b>
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<b>MATHEMATICAL REASONING</b>	
<b>1.0 Students make decisions about how to approach problems</b>	
<b>2.0 Students use strategies, skills, &amp; concepts in finding solutions</b>	✓
<b>3.0 Students move beyond a particular problem by generalizing to other situations</b>	✓