

**C O R R E L A T I O N**

**Mathematics**

Oregon Academic Standards	SuccessMaker® Enterprise			
<i>Sixth Grade</i>	<i>Match</i>	<i>Course</i>	<i>Lesson/Strand</i>	<i>Level</i>
<b>Numbers</b>				
Order, model, and compare positive rational numbers (fractions, decimals, and percentages).	★	Math Concepts and Skills Math Concepts and Skills	Decimals Fractions	5.85, 6.75 6.00, 6.95, 7.50, 7.65
Apply factors and multiples to express fractions in lowest terms and identify fraction equivalents.	★	Math Concepts and Skills	Fractions	6.15, 6.20, 6.45, 6.50
<b>Understand rates and ratios as comparisons of two quantities by division.</b>	★	Math Concepts and Skills	Word Problems	6.80
<b>Differentiate between rates and ratios and express both as fractions.</b>	★	Math Concepts and Skills	Word Problems	7.20
Solve problems by calculating rates and ratios.	★	Math Concepts and Skills	Measurement	7.90
Locate positive rational numbers (fractions, decimals, and percentages) on a number line.	★	Math Concepts and Skills Math Concepts and Skills	Decimals Fractions	3.75, 3.85, 4.80, 4.87 4.30, 4.40, 4.50
Apply equivalent forms of fractions and decimals to solve problems.	★	Math Concepts and Skills Math Concepts and Skills	Decimals Number Concepts	6.80, 6.85, 6.90, 6.95 6.30
Determine equivalent forms of fractions, mixed numbers and improper fractions.	★	Math Concepts and Skills	Fractions	5.80, 5.85
<b>Model square numbers and recognize their characteristics.</b>	★	Algebra Topics	Square Roots	
Identify prime and composite numbers less than 100.	★	Math Concepts and Skills	Number Concepts	6.25, 7.20
<b>Solve problems using concepts related to factoring and determining divisibility (e.g., 2, 3, 5, 9 and 10).</b>	★	Math Concepts and Skills	Number Concepts	6.25, 6.80, 6.90
<b>Units and Tools</b>				
Select the most appropriate unit to measure area and perimeter.	★	Math Concepts and Skills	Measurement	5.30, 5.90