

Utah Core Curriculum for Mathematics ♦ SuccessMaker Enterprise

C O R R E L A T I O N

Utah Core Curriculum for Mathematics		SuccessMaker® Enterprise		
Fifth Grade	Match	Course	Lesson/Strand	Level
Standard I Students will acquire number sense and perform operations with whole numbers, simple fractions, and decimals.				
Objective 1 Represent whole numbers and decimals in a variety of ways.				
a. Model, read, and write numerals from hundredths to one millions.	★	Math Concepts and Skills 2 Math Concepts and Skills 2	Decimals Several lessons allow students to read and write numerals.	5.05, 5.30, 5.40, 5.50, 5.85
b. Write a whole number up to 999,999 in expanded form (e.g., $876,539 = 8 \text{ hundred-thousands}, 7 \text{ ten-thousands}, 6 \text{ thousands}, 5 \text{ hundreds}, 3 \text{ tens}, 9 \text{ ones}$ or $8 \times 100,000 + 7 \times 10,000 + 6 \times 1,000 + 5 \times 100 + 3 \times 10 + 9$).	★	Math Concepts and Skills 2	Number Concepts	5.50, 6.60
c. Demonstrate multiple ways to represent whole numbers by using models and symbolic representations (e.g., $108 = 2 \times 50 + 8$; $108 = 10^2 + 8$).	★	Math Concepts and Skills 2 Math Concepts and Skills 2 Math Concepts and Skills 2	Fraction Measurement Addition	4.80, 4.90, 5.00 5.50 7.80, 7.90
d. Classify whole numbers from 2 to 20 as prime or composite and 0 and 1 as neither prime nor composite, using models.	★	Math Corner Math Concepts and Skills 2 Math Concepts and Skills 2	Hundred Chart 7 Decimals Number Concepts	Not So Common Multiples 5.05 5.70, 5.80, 6.25
e. Represent repeated factors using exponents up to three (e.g., $8 = 2 \times 2 \times 2 = 2^3$).	★	Math Concepts and Skills 2	Number Concepts	6.70, 6.85
Objective 2 Identify relationships among whole numbers, fractions, decimals, and percents.				
a. Order and compare whole numbers, fractions (including mixed numbers), and decimals using a variety of methods and symbols.	★	Math Concepts and Skills 2 Math Concepts and Skills 2	Decimals Fractions	4.90, 5.05, 5.30, 5.85 5.10, 5.20, 6.00
b. Rewrite mixed numbers and improper fractions from one form to the other.	★	Math Concepts and Skills 2	Fractions	5.00, 5.30, 5.40
c. Find the least common denominator for two fractions.	★	Math Concepts and Skills 2	Fractions	5.87
d. Represent commonly used fractions as decimals and percents in various ways (e.g., objects, pictures, calculators).	★	Math Concepts and Skills 2 Math Corner	Decimals Money 6	5.25, 5.40 Sharing Money