Third Grade Math
5/2020

COURSE DESCRIPTION:

Students will understand the use of multiplication and division and apply properties of operations to multiply and divide. Students will develop an understanding of fractions represented in different ways. Students will relate area to the operations of multiplication and addition. Students will describe and analyze two dimensional shapes.

BIG IDEAS:

The base-ten number system is a way to organize, represent, and compare numbers using groups of ten and place value.

The same number sentence (e.g., 12 - 4 = 8) can be associated with different concrete or real world situations, AND different number sentences can be associated with the same concrete or real world situation.

Numbers, measures, expressions, equations, and inequalities can represent mathematical situations and structures in many equivalent forms.

Addition and Subtraction, Multiplication and Division are inverse operations.

Fractions are numbers that can be represented in different ways.

Shapes in different categories may share attributes.

ELO #	Essential Leaner Outcome Description
1	Use multiplication and division within 100 to solve problems.
2	Solve two-step word problems involving variables using any of the four operations.
3	Compare two fractions with the same numerator or denominator using the symbols >, =, or <, and justify the solution.
4	Understand that shapes in different categories may share attributes and that the shared attributes can define a larger category.
5	Understand that rectangles can have equal perimeters but different areas, or rectangles can have equal areas but different perimeters.