

Fifth Grade Math

3/4/2020

Course Description:

Fifth grade math is a program written specifically to the Missouri Learning Standards (MLS). Focus on key elements such as place value system, basic operations, fractions, measurement and geometry will be essential to the learning process. The math practices involved in this course provide real world application of concepts and skills to ensure mastery of content.

Big Ideas:

1. Perform operations with multi-digit whole numbers and decimals to thousandths.
2. Writing and evaluating expressions.
3. Convert measurement units within a given measurement system.
4. Apply strategies and understanding to add, subtract, multiply and divide fractions.
5. Understand various aspects of volume.

ELO #	Essential Learner Outcome Description	Standards
1	Students will read, write, identify, compare and round whole numbers and decimals to thousandths in various forms.	5.NBT.1 5.NBT.2 5.NBT.5
2	Students will be able to understand that a digit represents $\frac{1}{10}$ of what it would represent in the place to its left and evaluate the powers of 10 as they relate to the value of a number.	5.NBT.3 5.NBT.4
3	Students will solve and justify multi-digit multiplication and division with multi-digit whole numbers and decimals to hundredths. Divide multi digit whole numbers and decimals to the hundredths place, using up to two-digit divisors and four digit dividends, and justify the solution.	5.NBT.7 5.NBT.8
4	Solve problems involving addition and subtraction of fractions and mixed numbers with unlike denominators.	5.NF.B.4 5.NF.B.6
5	Students will be able to write, evaluate and interpret numerical expressions using order of operations.	5.RA.B.1 5.RA.B.2
6	Students will recognize, compute and apply volume measurements and formulas.	5.GM.B.1 5.GM.B.2