Math across the Curriculum

Grade K

The Kindergarten students learn about sorting, two-dimensional and three-dimensional shapes, patterns, position words, numbers 0-31, counting, graphs, tables, tally marks, tally charts, surveys, addition, subtraction, ten frames, money, time, calendar, seasons and measurement.

Grade 1

The First Graders do a two day review on kindergarten skills. They then study numbers, number words (which includes the spelling) and ordinals, addition and subtraction facts, data and graph organizations, place value to 100, geometry, money (cents only) and time (hour and half-hour), measurement, addition and subtraction of two-digit numbers which includes regrouping fractions (1/3, ½, ¼) and probability.

Grade 2

The Second Graders cover in depth addition and subtraction facts with and without regrouping (borrowing and carrying) up to three digits, place value to 100's and 1000's. We also cover time, money, data and graphing data, and rounding to tens. We do a quick overview of multiplication and fractions/measurement.

Grade 3

The Third Graders work on addition with regrouping in three or more addends, lots of word problems, subtraction with regrouping twice, in-depth multiplication and division through the 12's, and tables in all means of math. They also work on graphs, measurement, geometry, fractions and decimals.

Grade 4

The Fourth Graders review place value to millions, addition and subtraction, and all basic facts. They concentrate on long multiplication and division. In between they have mini-units in fractions, basic geometry, fractions, and recognition of decimals.

Grade 5

The Fifth Graders review place value to billions, addition, subtraction, and long multiplication. They learn place value of decimals to thousandths, and expand upon long division using two-digit divisors, and fractions. In between they expand upon basic geometry through mini-units.

Grade 6

The Six Graders review rounding, factors and multiples and divisibility rules. They work on Orders of Operation (PEMDAS), multiplying, adding, subtracting and dividing fractions measurement and probability.

Grade 7

The Seventh Graders study and preform (adding, subtracting, multiplying and dividing) integers, expressions and equations. The also work on inequalities and decimals, rational numbers ratios and proportion, Orders of Operation (PEMDAS) and fractions.

Grade 8

The Eighth Graders study and preform (adding, subtracting, multiplying and dividing) fractions, expressions and equations, inequalities and decimals. They also work on Order of Operation (PEMDAS), rational numbers and linear functions.