NeSA Math Indicator Labels
Fifth Grade
Maco ML-3000

*MA 5.1.2.c Use words and symbols to explain the distributive property of multiplication over addition*

*MA 5.2.2.a Plot the location of an ordered pair in the first quadrant*

*MA 5.1.1.a Demonstrate multiple equivalent representations for whole numbers and decimals through the thousandths place*

*MA 5.1.3.a Add and subtract positive rational numbers*

MA 5.2.3.a Perform one-step transformations on two-dimensional shapes

*MA 5.1.1.b Compare and order whole numbers, fractions, and decimals through the thousandths place*

*MA 5.1.3.b Select, apply, and explain the appropriate method of computation when problem solving*

MA 5.2.4.a Build or sketch a geometric model to solve a problem

*MA 5.1.1.c Identify and name fractions in their simplest form and find common denominators for fractions*

*MA 5.1.3.c Multiply decimals*

MA 5.2.4.b Sketch congruent shapes

*MA 5.1.1.d Recognize and generate equivalent forms of commonly used fractions, decimals, and percents*

*MA 5.1.3.d Divide a decimal by a whole number*

MA 5.2.4.c Build rectangular prisms using cubes

*MA 5.1.1.e Classify a number as prime or composite*

*MA 5.1.4.a Estimate the sums and differences of positive rational numbers to check the reasonableness of such results*

MA 5.2.5.a Select and use appropriate tools to measure perimeter and angles

*MA 5.1.1.f Identify factors and multiples of any whole number*

*MA 5.2.1.a Identify the number of edges, faces, and vertices of triangular and rectangular prisms*

*MA 5.2.5.b Identify correct unit (customary or metric) to the measurement situation*

MA 5.1.1.g Round whole numbers and decimals to any given place

MA 5.2.1.b Justify congruence of two-dimensional shapes

MA 5.2.5.c Estimate and measure length with customary units to the nearest 1/4 inch

MA 5.1.2.a Use words and symbols to explain the meaning of the identity properties for addition and multiplication

MA 5.2.1.c Justify the classification of two-dimensional shapes

MA 5.2.5.d Measure capacity/volume with customary units

MA 5.1.2.b Use words and symbols to explain the meaning of the commutative and associative properties of addition and multiplication

MA 5.2.1.d Identify degrees on a circle

MA 5.2.5.e Measure weight (mass) and temperature using metric units

*MA 5.2.5.f Determine the area of rectangles and squares*

*MA 5.3.3.d Evaluate simple algebraic expressions involving addition and subtraction*

*MA 5.4.3.b Generate a list of possible outcomes for a simple event*

MA 5.3.1.a Describe, extend, apply rules, and make generalizations about numeric and geometric patterns

*MA 5.3.3.e Solve one-step addition and subtraction equations involving common positive rational numbers*

MA 5.3.1.b Create and analyze numeric patterns using words, tables, and graphs

MA 5.3.3.f Identify and explain the properties of equality used in solving one-step equations involving common positive rational numbers

MA 5.3.1.c Communicate relationships using expressions and equations

*MA 5.4.1.a Represent data using line graphs*

*MA 5.3.2.a Model situations that involve the addition, subtraction, and multiplication of positive rational numbers using words, graphs, and tables*

*MA 5.4.1.b Represent the same set of data in different formats*

MA 5.3.2.b Represent a variety of quantitative relationships using tables and graphs

*MA 5.4.1.c Draw conclusions based on a set of data*

MA 5.3.2.c Compare different models to represent mathematical situations

MA 5.4.1.d Find the mean, median, mode, and range for a set of whole numbers

MA 5.3.3.a Explain the addition property of equality

MA 5.4.1.e Generate questions and answers from data sets and their graphical representations

*MA 5.3.3.b Use symbolic representations of the associative property*

MA 5.4.2.a Make predictions based on data to answer questions from tables, bar graphs, and line graphs

*MA 5.3.3.c Evaluate numerical expressions by using parentheses with respect to order of operations*

MA 5.4.3.a Perform and record results of probability experiments