

## Skills I need to Succeed on the FCAT

**MA.3.S.7.1 – I can collect and record data in tally tables and frequency tables.**

**MA.3.A.6.2 – I can solve problem by using strategies to make a table and search for patterns.**

I can solve problems by collecting data from a tally table or a frequency table.

I can solve problems by collecting data from a pictograph.

I can solve problems by collecting data from a bar graph.

I can solve problems by collecting data from a line plot.

**MA.3.A.6.1 – I can represent, compute, estimate and solve problems using numbers through hundred thousands.**

I can read and write numbers in different ways. Ex. standard, expanded, and word form.

I can use patterns to solve place value problems.

I can estimate sums using rounding and compatible numbers.

I can add numbers with or without regrouping.

I can estimate differences using rounding and compatible numbers.

I can subtract numbers with or without regrouping.

**MA.3.A.1.1 - I can model multiplication and division including problems presented in context: repeated addition, multiplicative comparison, array, how many combinations, measurement, and partitioning.**

**MA.3.A.1.2 – I can solve multiplication and division fact problems by using strategies from the Properties of Multiplication.**

I can model and skip count objects in equal groups to find how many in all.

I can use arrays to represent multiplication.

I can find products by using the Identity Property and the Zero Property of Multiplication.

I can use the Commutative Property of Multiplication to find products.

I can multiply with the factor 2 and 4

I can multiply with the factor 3 and 6

I can multiply with three factors using the Associative (Grouping) Property of Multiplication.

I can multiply with the factor 5 and 10

I can use multiplication and a tree diagram to find all possible combinations.

I can use the Distributive Property of Multiplication to find products.

I can multiply with the factor 7, 8 and 9

I can use an array and a multiplication table to find missing factors.

I can multiply with the factor 11 and 12

I can use the Identity, Zero, Commutative, Associative, and Distributive Properties of Multiplication to find products.

Teacher Comments:

Student Comments:

**MA.3.A.1.1 - I can model multiplication and division including problems presented in context: repeated addition, multiplicative comparison, array, how many combinations, measurement, and partitioning.**

**MA.3.A.1.3 – I can identify, describe, and apply division and multiplication as inverse operation.**

I can use models to represent division.

I can use repeated subtraction to represent division.

I can use arrays to model division.

I can relate multiplication and division as inverse operations.

I can use multiplication and division fact families.

I can use different strategies to divide.

**MA.3.A.2.1 – I can represent fractions, including fractions greater than one, using area, set and linear models.**

I can identify equal shares.

I can identify fractions for 1 equal part of a whole.

I can read, write, and model fractions that represent more than 1 equal part of a whole.

I can identify, read, and write fractions greater than 1.

I can read, write, and model fractional parts of a group.

I can find fractional parts of a group.

I can find the whole group given a fractional part.

**MA.3.A.2.2 – I can describe how the size of the fractional part is related to the number of equal sized pieces in the whole.**

**MA.3.A.2.3 – I can compare and order fractions, including fractions greater than one, using models and strategies.**

**MA.3.A.2.4 – I can use models to represent equivalent fractions, including fractions greater than one, and identify representations of equivalence.**

I can solve problems by using the strategy use of manipulative.

I can use models and benchmarks to compare the size of fractions.

I can compare fractions with the same numerator by using models and strategies.

I can compare fractions, including fractions greater than one, using models and strategies.

I can order fractions by using models and strategies.

I can model and represent equivalent fractions.

**MA.3.G.3.1 – I can describe, analyze, compare and classify two-dimensional shapes using sides and angles – including acute, obtuse, and right angles – and connect these ideas to the definition of shapes.**

I can identify properties of two-dimensional shapes.

I can identify polygons.

I can describe and classify polygons by the number of sides and vertices.

I can describe and classify angles.

I can identify pairs of parallel sides in polygons.

I can describe, classify, and compare triangles.

I can describe, classify, and compare quadrilaterals.

I can solve problems by using the strategy, search for patterns.

Teacher Comments:

Student Comments:

**MA.3.G.3.2 – I can compose, decompose, and transform polygons to make other polygons, including concave, and convex polygons with three, four, five, six, eight, or ten sides.**

**MA.3.G.3.3 – I can build, draw and analyze two-dimensional shapes from several orientations in order to examine and apply congruence and symmetry.**

**MA.3.A.4.1 – I can create, analyze, and represent patterns and relationships using words, variables, tables and graphs.**

I can combine plane shapes to make new shapes.

I can separate plane shapes to make new shapes.

I can use plane shapes to find patterns.

I can transform combined plane shapes to make new shapes.

I can identify two-dimensional congruent shapes.

I can identify two-dimensional shapes that have 0, 1, or more than 1 line of symmetry.

I can draw two-dimensional shapes with a line of symmetry.

**MA.3.G.5.1 – I can select appropriate units, strategies and tools to solve problems involving perimeter.**

**MA.3.G.5.2 – I can measure objects using fractional parts of linear units such as  $\frac{1}{2}$ ,  $\frac{1}{4}$ , and  $\frac{1}{10}$ .**

I can choose a customary unit of length.

I can measure length to the nearest half inch.

I can measure length to the nearest quarter inch.

I can choose a metric unit of length.

I can measure length to the nearest centimeter and to the nearest decimeter.

I can find the perimeter.

I can estimate and measure the perimeter.

I can find the perimeter of a shape.

**MA.3.G.5.3 – I can tell time to the nearest minute and to the nearest quarter hour, and determine the amount elapsed.**

I can read, write, and tell time on analog and digital clocks to the nearest hour, half hour, and quarter hour.

I can read, write, and tell time to the nearest minute.

I can read, write, and tell time in the AM and PM.

I can measure elapsed time in hours and minutes.

I can use a calendar to determine elapsed time.

I can use a time line to find elapsed time in years.