Department: **Mathematics**

Course: **Functional Math 7**

Revised: **October, 2016**

MAX07EE11: Use the relationship with +/X to illustrate the two expressions are equal.

MAX07EE23: Use the concept of equal w/models to solve 1-step +/- equations.

MAX07GE11: Draw/classify/recognize basic 2-dimensional shapes without a model.

MAX07GE13: Match a 2-dimensional shape with a 3-dimensional shape/shared attributes.

MAX07GE25: Find the perimeter of a rectangle given the length and width.

MAX07GE26: Find the area of a rectangle given the length and width using a model.

MAX07NS11: Add fractions w/like denominators so the solution is < or = to 1.

MAX07NS12: Apply/extend previous understanding of X & / of frac. to X & / rational numbers.

MAX07NS13: Demonstrate the value of various money amounts using decimals.

MAX07RP11: Use a ratio to model or describe a relationship.

MAX07SP11: Answer a question related to student collected data from an experiment/model.

MAX07SP23: Compare 2 sets of data w/in a single data display (graph/line plot).

MAX07SP35: Describe the probability of events occurring as possible or impossible.

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MAT07EE11: Apply prop. to +/-, factor,& expand linear expressions with rational coefficients.

MAT07EE12: Rewriting a problem can shed light on it & how the quantities are related.

MAT07EE23: Solve multi-step problems posed with positive & negative rational numbers.

MAT07EE24: Use variables to represent quantities & construct simple equ/inequ to solve problems.

MAT07GE11: Solve problems using scale drawing of geo figs(comp. actual length & areas).

MAT07GE12: Draw (freehand, w/ruler & protractor & w/tech) geo. shape with given condition.

MAT07GE13: Describe 2-dimensional figures that result from slicing 3-dimensional figures.

MAT07GE24: Know the formulas for area & circumference of a circle & use to solve problems.

MAT07GE25: Use facts about supp, compl, vert & adjacent angles to solve problems.

MAT07GE26: Solve problems involving area, vol & sa of 2 & 3-dimensional objects.

MAT07NS11: Apply understanding of +/- to add/subt rational numbers; represent on number lines.

MAT07NS12: Apply previous understandings of fractions to +, -, x & div. rational numbers.

MAT07NS13: Solve real-world & math problems involving the 4 operations w/rational numbers.

MAT07RP11: Compute rate associated w/ratios of fractions (length, area & alike/diff units).

MAT07RP12: Recognize and represent proportional relationships between quantities.

MAT07RP13: Use proportions to solve multistep ratio & (%) problems(tax, tips, etc.).

MAT07SP11: Understand stats can be used to gain info about a pop. by examining sample.

MAT07SP12: Use data from sample to draw inferences about a pop. w/unknown characteristic.

MAT07SP23: Assess overlap of 2 data dist w/similar variabilities(diff b/w centers).

MAT07SP24: Use measures of center & variability for samples to compare 2 pop.

MAT07SP35: Understand probability of event is b/w 0 & 1(likelihood of event occurring).

MAT07SP36: Approximate the probability of an event by collecting data.

MAT07SP37: Develop a probability model and use it to find probabilities of events.

MAT07SP38: Investigate chance process, develop, use & evaluate probability (compound event).