

7th grade math:

- I CAN perform operations on rational numbers
- I CAN understand and apply properties of rational numbers in mathematical and real-life situations
- I CAN simplify algebraic expressions by combining like terms and distributing
- I CAN write algebraic expressions from words
- I CAN explain the connection between arithmetic solution processes and algebraic solution processes in equations
- I CAN solve one- and two-step equations and inequalities
- I CAN write expressions, equations and inequalities to solve word problems
- I CAN assess the reasonableness of answers using mental computations and estimation
- I CAN use the properties of supplementary, complementary, vertical and adjacent angles to solve for missing angles in a figure
- I CAN find the area of geometric figures and solve problems dealing with area
- I CAN use the formulas for diameter, circumference and area to solve problems involving circles

- I CAN find the surface area of prisms and pyramids
- I CAN find the volume of prisms and composite figures
- I CAN understand and compute percent
- I CAN solve mathematical and real-life problems dealing with percent, such as percent of change and error.
- I CAN compute unit rates, including fractions and involving quantities measured in like or different units
- I CAN identify and determine a unit rate in a table, graph, equation, diagram or verbal description
- I CAN identify the proportional relationship in a table or graph and write an equation to represent it
- I CAN relate unit rate to the proportional relationship involved
- I CAN draw precise geometric drawings based on given conditions
- I CAN discover and use the characteristics of triangles
- I CAN explore and describe cross sections of 3 dimensional figures
- I CAN use scale factor to solve mathematical and real-life problems

- I CAN make scale drawings
- I CAN understand and explain the meaning of the probability of a chance event
- I CAN compare theoretical and experimental probability
- I CAN use the probability models to find the probabilities of simple events
- I CAN find the probabilities of compound events using organized lists, tables, tree diagrams and
- I CAN understand and use random samples that lead to representative samples of a population
- I CAN make valid inferences using representative samples
- I CAN compare two populations using measures of center and variability