Henry G Izatt School

Grade 8 Mathematics Targets

A-1 Students will be able to determine the perfect squares and square roots of whole numbers. (N-1)

A-2 Students will be able to determine the approximate square roots of non-perfect square whole numbers. (N-2)

A-3 Students will be able to apply the Pythagorean relationship to solve problems. (SS-1)

B-1 Students will be able to multiply and divide positive fractions and mixed numbers. (N-6)

B-2 Students will be able to solve problems involving positive rational numbers (fractions & decimals). (N-8)

C-1 Students will be able to represent percents equal to 0% and greater than 0%. (N-3)

C-2 Students will be able to demonstrate an understanding of ratio and rate. (N-4)

C-3 Students will be able to apply ratios, rate and proportions to solve problems. (N-5)

D -1 Students will be able to multiply and divide integers. (N-7)

E- 1 Students will be able to solve for x in an equation. (PR-2)

E-2 Students will be able to graph and analyze linear relations. (PR-1)

F-1 Students will be able to draw and construct nets for 3-D objects. (SS-2)

F-2 Students will be able to find the surface area of 3-D objects. (SS-3)

F-3 Students will be able to find the volume of 3-D objects. (SS-4)

F-4 Students will be able to draw the views from a 3-D object and use views to construct a 3-D object. (SS-5)

G-1 Students will be able to find the probability of independent events. (SP-2)

G-2 Students will be able to analyze various types of graphs. (SP-1)

H-1 Students will be able to identify, explain and create tessellations. (SS-6)