



HORNET TARGETS TRACKER



MATH 2

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Target #	Target	Can I?
M2.1	I CAN create and analyze scatter plots.	<ul style="list-style-type: none">Analyze scatter plots for correlation & causation?Solve problems given functions fitted to data?Construct, use, and analyze residual plots, find and analyze best fit lines with and without technology?
M2.2	I CAN create, analyze, and compare single variable statistical data.	<ul style="list-style-type: none">Create & interpret frequency plots?Create & interpret box plots?Determine the best plot, center, & spread for data sets and calculate accurately?Compare data sets?
M2.3	I CAN organize & summarize data in a two-way frequency table.	<ul style="list-style-type: none">Organize data into a 2-way frequency table?Read & interpret 2-way frequency tables?Read & interpret bar graphs?Find marginal frequency, joint frequency & interpret conditional frequencyUse two-way frequency tables & bar graphs to draw conclusions
M2.4	I CAN solve a system of equations	<ul style="list-style-type: none">Solve a system of linear equations by graphing and classify the solution?Solve a system of linear equations by substitution?Solve a system of linear equations by elimination?Create a system of linear equations to solve a problem and verify the answer is valid?
M2.5	I CAN solve a system of inequalities	<ul style="list-style-type: none">Graph a two-variable inequality?Create and apply two-variable inequalities in a real-life situation including constraints?Graph a system of two-variable inequalities?Create and apply a system of two-variable inequalities in a real life situation including constraints?Use linear programming to solve problems?
M2.6	I CAN classify, prove, and solve triangles & quadrilaterals & find their area & perimeter	<ul style="list-style-type: none">Classify & prove quadrilateral in the coordinate plane?Classify & prove triangles in the coordinate plane?Find the area & perimeter of triangles & quadrilaterals?Find the area & perimeter of triangles, quadrilaterals, and composite figures in the coordinate plane?Determine parts of quadrilaterals?

M2.7	I CAN prove triangle congruence & apply geometric postulates	<ul style="list-style-type: none"> • Work with conditional statements? • Use & apply the linear pair postulate, segment addition postulate, & angle addition postulate? • Apply CPCTC (corresponding parts of congruent triangles are congruent)? • Determine and justify triangle congruence using ASA, SAS, SSS, HL, AAS, & HA?
M2.8	I CAN apply theorems of triangles & parallel lines.	<ul style="list-style-type: none"> • Solve and apply triangles using interior and exterior angles of triangles? • Solve and apply theorems of isosceles and equilateral triangles? • Apply theorems of parallel lines with and without algebra? • Apply interior & exterior angles of polygons? • (optional) Apply the triangle inequality theorem? • (optional) Apply the Pythagorean theorem? • (optional) Create ratios & solve for missing parts of a right triangle with altitudes drawn from the right angle to the hypotenuse?
M2.9	I CAN apply the types of rigid motion.	<ul style="list-style-type: none"> • Accurately measure segments & angles? • Define & use correct notation to identify basic geometric terms (i.e. point, line, line segment, ray, etc) • Translate a figure using & not using the coordinate plane? • Reflect a figure using & not using the coordinate plane? • Rotate a figure using & not using the coordinate plane?