

Ms. Gentry's ~ Lesson Plans Week of: March 11th

	PRE-ALGEBRA 6 TH	GEOMETRY 1 ST , 2 ND , 3 RD , 7 TH	ALGEBRA II 4 TH
M O N D A Y	Identify when relations are functions and find functional values when using function notation. Work practice problems together and Assign p. 394: 12-31all	Use properties of quadrilaterals to find angle measures and sides lengths. Draw and discover properties of parallelograms – compare and contrast a rhombus, rectangle and square. Identify types of quadrilaterals based on properties. Assign p. 537: 4-16 evens, 21-30 all theorems about parallelograms Finish parallelogram charts first	Use a simulation to test an assumption. Flip coins and create a simulation using graphing calculators. Create graphs and calculate theoretical probabilities. Pgs. 386-7 S.IC.2 Decide if a specified model is consistent with results from a given data generating process, e.g. using a simulation
T U E S D A Y	Find the slope of lines from a graph and by using the formula for slope when 2 points are known. Compare and identify + (-) undefined and zero slopes. Assign p 403: 14-35	Use properties of quadrilaterals to find angle measures and sides lengths. Review trigonometry and Pythagorean theorem along with special right triangles and apply to special quadrilaterals. Assign p. 537: 32-49. –G.CO.11 Prove theorems about parallelograms	Construct and interpret binomial distributions. Calculate probabilities and make a probability distribution. Identify symmetric and skewed distributions. Look at and work examples in class. Assign p 391: 3, 6-13, 18-21, 28-30, 33,34,43,44 S.MD.3(+) Develop a probability distribution for a random variable defined for a sample space in which theoretical probabilities can be calculated.
W E D N E S D A Y	Quiz over relations, functions, graphing and slope.	Construction Zone- Review properties of quadrilaterals thus far. Discover properties of trapezoids and kites. Compare and contrast with other types of quadrilaterals. Hands on activity. Complete quadrilateral properties chart. Start: Assign page 546: 4-30 evens, 34-36 and 32 extra credit G.SRT. 5 – Use congruence and similarity criteria for triangles to solve problems and prove relationships in geometric figures	Use Normal Distributions : Use the mean and standard deviation of a data set to fit it to a normal distribution and to estimate population percentages. Estimate the area under the normal curve. Work examples together in class and assign p. 402: 3-18 evens 31,32 S.ID.4Use the mean and standard deviation of a data set to fit it to a normal distribution and to estimate population percentages. Recognize there are data sets for which such a procedure is not appropriate.
T H U R S D A Y	Identify the x and y intercepts of lines. Graph using the intercepts and by using the slope intercept form of a line. Use geogebra to view examples and go to whiteboards to practice and assign p. 409: 17-45 or handout	Review properties of quadrilaterals thus far. Discover properties of trapezoids and kites. Compare and contrast with other types of quadrilaterals. Hands on activity. Complete quadrilateral properties chart. Assign page 546: 4-30 evens, 34-36 and 32 extra credit G.SRT. 5 – Use congruence and similarity criteria for triangles to solve problems and prove relationships in geometric figures	Work with the standard normal distribution and calculate z scores. Apply to real world problems. Work examples and assign 402: 19-27, 33-35 S.ID.4Use the mean and standard deviation of a data set to fit it to a normal distribution and to estimate population percentages. Recognize there are data sets for which such a procedure is not appropriate.
F R I D A Y	Review methods of graphing and do examples on geogebra. Continue working on assignment page 409. 17-45	Identify special quadrilaterals on a coordinate grid. With a partner use distance and slope formulas. Work lengths and slopes by hand and then check using the Geogebra program. Determine a classification for the quadrilateral and then write a detailed argument/proof why the classification is correct. G.CO.11 Prove theorems about parallelograms.	Use graphing calculators to find the area under a normal curve. Activity on page 405. Use Geogebra to work with probability and data distributions. S.ID.4 Use the mean and standard deviation of a data set to fit it to a normal distribution and to estimate population percentages. Recognize there are data sets for which such a procedure is not appropriate.