

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

	ALGEBRA I	GEOMETRY	ALGEBRA II	INTEGRATED MATH
M O N D A Y	Go over tests Use properties of exponents to Multiply and divide expressions involving exponents. Look for patterns to create rules and apply them. Use order of magnitude to solve science application problems. Work on assignment using properties of exponents. Page 492: 3-45 every 3 rd , 52-53	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: 4-30 evens 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.	Standard Deviation- define and understand what it is. Use the TI-84 to find standard deviation and other measures of central tendency. Input lists, use stat tools and interpret notation meanings. Assign p 341: 1,2,5, 12,13
	Writing is incorporated in	daily explanations & justifications	of math problems	
T U E S D A Y	Use properties of exponents to Multiply and divide expressions involving exponents. Look for patterns to create rules and apply them. Use order of magnitude to solve science application problems. Work on assignment using properties of exponents. page 498: 3-45 every 3 rd A.SSE.3c	Continue to 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- use trig and Pythagorean theorem. Assign p. 537: 32-50. G.CO.11	Select and draw conclusions from samples. Identify bias and unbiased samples. Calculate the margin of error. Work example problems together. S.IC.1 Understand statistics as a process for making inferences about population parameters based on a random sample from that population. Assign page 409: 3-18, 27,28	The normal distribution- study the normal curve and make an example and compute percentages between varying numbers of standard deviations. Discuss uses of the normal distribution. In class work. Monday work on problems on page 347: 2-9, 14-16
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W E D N E S D A Y	Continue to write and graph exponential growth functions. Graph functions and identify the domain and range. Use the exponential growth model to solve compound interest other real world problems. A.CED.2	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. G.SRT. 5 – Use congruence and similarity criteria for triangles to solve problems and prove relationships in geometric figures	Start review of ch 6 Combinations, permutations, binomial expansion, normal distributions and z scores, surveys, studies and experiments. Work practice test questions, prepare note cards	Fit linear models to data Use the least –squares line and median-median line to predict an unknown value. Calculate and interpret the meaning of a correlation coefficient. Work through examples together on pages 350-351 using TI 84's

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T H U R S D A Y	PI DAY!!!!!!!!!!!!!! Students will celebrate the irrational but very special number pi! Share pi history, trivia and pi jokes along with informational pi videos and, of course, consume pie!	PI DAY!!!!!!!!!!!!!! Students will celebrate the irrational but very special number pi! Share pi history, trivia and pi jokes along with informational pi videos and, of course, consume pie!	PI DAY!!!!!!!!!!!!!! Students will celebrate the irrational but very special number pi! Share pi history, trivia and pi jokes along with informational pi videos and, of course, consume pie!	PI DAY!!!!!!!!!!!!!! Students will celebrate the irrational but very special number pi! Share pi history, trivia and pi jokes along with informational pi videos and, of course, consume pie!
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F R I D A Y	NO SCHOOL	NO SCHOOL	NO SCHOOL	NO SCHOOL