

Ms. Gentry's ~ Lesson plans Week of: March 18th

	ALGEBRA I	GEOMETRY	ALGEBRA II	INTEGRATED MATH
M O N D A Y	Review properties of exponents – go over homework together – assess. Define and use Zero and negative exponents. Use patterns to create rule for zero and negative exponents. Apply rules to simplify expressions. In class practice. Assign: p 506: 3-45 every 3 rd A.SSE.3c	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	Compare surveys, experiments and observational studies. Read a study and answer questions about the type it is, how it was conducted, if it is biased, etc. In class work.	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 Start review of chapter 6- work through problems in chapter test/review together
	Writing is incorporated in	daily explanations & justifications	of math problems	
T U E S D A Y	Scientific notation Convert numbers from standard form into scientific notation and from scientific notation into standard form. Compare and order numbers and apply. Assign p. 515: 3-45 every 3 rd , 51,52	Review properties of quadrilaterals specifically trapezoids and kites. Work through example problems together and 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 ASVAB testing juniors	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 ASVAB testing juniors	Chapter 6 final project M and M color distribution analysis.
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W E D N E S D A Y	Midchapter Review/Quiz Ms. G gone for academic olympics	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. Present findings to class G.CO.11 Prove theorems about parallelograms, Theorems include: opp. sides are congruent, diagonals bisect each other, and conversely. Rectangles' diagonals are congruent	Finish review of ch 6- work on practice test questions Combinations, permutations, binomial expansion, normal distributions and z scores, surveys, studies and experiments. Work practice test questions, prepare note cards Ms. G gone for academic olympics	Ms. G gone for academic Olympics M and M color distribution analysis.

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T H U R S D A Y	Write and graph exponential growth functions. Write rules for functions from a table. Graph functions and identify the domain and range. Model on geogebra. Graph parent function and compare other functions. A.CED.2 Assign p. 524: 4-6, 9-33 every 3 rd , 38-40 due Wed. A.CED.2	Finish presenting findings on classifications of quadrilaterals and start review of Chapter 8 Compare, contrast and use properties of quadrilaterals, parallelograms, rectangles, squares, rhombuses, trapezoids and kites. Find interior and exterior angle sums G.CO.11 Prove theorems about parallelograms, Theorems include: opp. sides are congruent, diagonals bisect each other, and conversely. Rectangles' diagonals are congruent	TEST Chapter 6	How to do your banking activity – setting goals Students will complete a goal mapping activity page after discussion of things that are important to consider in setting goals.
	ALGEBRA I	GEOMETRY	ALGEBRA II	INTEGRATED MATH
F R I 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 End of Quarter 3	Review of chapter 8 – work practice test questions Compare, contrast and use properties of quadrilaterals, parallelograms, rectangles, squares, rhombuses, trapezoids and kites. Find interior and exterior angle sums G.CO.11 Prove theorems about parallelograms, Theorems include: opp. sides are congruent, diagonals bisect each other, and conversely. Rectangles' diagonals are congruent End of Quarter 3	TEST Chapter 6 ACT practice when finished End of Quarter 3	Where does the money go? Creating a budget Compare and contrast budget apps, discuss importance of budgeting, the variety of items to have in a budget along with recommended percentages for each and then create a budget including escrows etc. End of Quarter 3