Ms. Gentry's ~ Lesson Plans Week of: April 2nd

	PRE-ALGEBRA 6TH	GEOMETRY 1ST , 2ND, 3RD , 7th	ALGEBRA II 4th
MONDAY	No School	No School	No School
TUESDAY	Review how to graph using slope intercept form. Graph by using intercepts. Identify when it is best to graph by finding the x and y intercepts. Substitute zero in for x and y and then graph linear equations. Handout of problems after in class practice.	Collect any quadrilateral projects that have not been turned in. 3-D drawings and Cube House projects. Make modular homes given parameters and calculate the building costs. Make 3-D drawings given the top and side views, using dot paper.	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
WEDNESDAY	Solve and graph systems of equations. Use geogebra program to graph lines and locate their point of intersection. Also solve algebraically to confirm graph accuracy. P. 415 14-30 evens	3-D drawings and Cube House projects. Make modular homes given parameters and calculate the building costs. Make 3-D drawings given the top and side views, using dot paper.	Observational studies/Experiments and identifying bias. Identify the difference in correlation and causation. Have a discussion and look at examples. P 418: 3-11, 3-15 Quiz 1-7
THURSDAY	Graph inequalities. Determine when to use dashed or solid line and where to shade. Use Geogebra program to graph. Assign p 421 20-38 evens	Review types of transformations. Introduce vectors Translate figures through the use of vectors. Write component form of vectors. Review rigid motions. Demonstrate on geogebra program. G.CO.5 Given a geometric figure and a rotation, reflection or translation , draw the transformed figure using e.g. graph paper, tracing paper or geometry software, Specify a sequence that will carry a figure onto another. 9.1B	Application problems for statistics Page 422 1-8 pick 6.
FRIDAY	Graphing review – vocabulary together . Find domain, range, identify functions, determine correlation in scatterplots, find solutions to equations and graph lines. P 424 10-32 evens	Add and subtract matrices. Students will learn how to make a matrix and the identify dimensions, elements, rows and columns. They will learn uses of matrices and practice adding and subtracting matrices. They will also know rules for being able to perform operations on matrices. Work example problems together and assign practice problems. P. 584: 6—14 all N.VM.8+ Add, Subtract and Multiply matrices of appropriate dimensions.	Finish review of ch 6 Combinations, permutations, binomial expansion, normal distributions and z scores, surveys, studies and experiments. Work practice test questions, prepare note cards