

Ms. Gentry's ~ Lesson plans Week of: January 21st

	ALGEBRA I	GEOMETRY	ALGEBRA II	INTEGRATED MATH
M O N D A Y	NO SCHOOL	NO SCHOOL	NO SCHOOL	NO SCHOOL
	RECORDS DAY FOR TEACHERS	RECORDS DAY FOR TEACHERS	RECORDS DAY FOR TEACHERS	RECORDS DAY FOR TEACHERS
	Writing is incorporated in	daily explanations & justifications	of math problems	
T U E S D A Y	Report to 1 st semester 1 st period to receive new schedules	Report to 1 st semester 1 st period to receive new schedules	Report to 1 st semester 1 st period to receive new schedules	Report to 1 st semester 1 st period to receive new schedules
	Classroom rules and schoolwide expectations review	Classroom rules and schoolwide expectations review	Classroom rules and schoolwide expectations review	Classroom rules and schoolwide expectations review
	8 keys of Excellence Activity Go over finals	8 keys of Excellence Activity Go over finals	Go over finals 8 keys of Excellence Activity	Go over finals 8 keys of Excellence Activity
	Schedule 6 – Assembly Vision Zero	Schedule 6 – Assembly Vision Zero		
	ALGEBRA I	GEOMETRY	ALGEBRA II	INTEGRATED MATH
W E D N E S D A Y	Start chapter 6: graph basic inequalities on a number line. Use the addition and subtraction properties of inequality to solve inequalities and graph solutions. Assign pg. 359: 4-28 evens, 31,32 A.REI.3	Use properties of proportions and solve for the geometric mean using proportions. Convert labels to properly simplify ratios and solve extended ratios. Work practice problems and assign page 360: 4-36 evens, 57-59 Challenge practice: 32-56 evens, 57-64,69-71	Do I have to mow the whole thing? Inverse variation activity. Review direct variation and have students do cooperative learning activity using inverse variation. Graph basic rational expressions. CC.A.CED.2 Create equations in 2 or more variables to represent relationships between quantities; graph equations on a coordinate axis with labels and scales.	Review Sigma notation and find sums of finite arithmetic series. Assign Page 241: 1-5, 13-20

Ms. Gentry's ~ Lesson plans Week of: January 21st

	ALGEBRA I	GEOMETRY	ALGEBRA II	INTEGRATED MATH
T H U R S D A Y	Solve inequalities using multiplication and division. Use the multiplication and division property of inequalities to solve inequalities. Translate verbal sentences into algebraic inequalities and apply in real world problems. Assign p. 366: 4-32 evens, 36,37 A.REI.3	Compare and contrast congruent, similar and non-similar figures. Write similarity statements. Calculate scale factors. Practice examples together and assign p 376: 5-20, 31, 32, 34 G.SRT.5 Similar figures: use congruence and similarity criteria for triangles to solve problems and prove relationships in geometric figures. 6.3	Classify direct, inverse and joint variation. Write equations for each and find values for one of the missing variables when others are known. Use to solve real world problems. Assign p. 307: 3-33 every 3 rd , 37-41 A.CED.2 Create equations in two or more variables to represent relationships between quantities	Find the sums of finite and some infinite Geometric series Identify when an infinite series has a sum by its ratio. Page 247: 2-13
	ALGEBRA I	GEOMETRY	ALGEBRA II	INTEGRATED MATH
F R I D A Y	Solve multistep inequalities. Work examples that have no solution and those that have infinite solutions. Use inequalities to solve real world application problems. Cooperative learning groups to solve problems on page 372: 4-34evens ,37-40, 42 Make sense of problems and persevere in solving them. A.REI.3	Prove triangles are similar by AA. Hands on construction to prove AA. Use AA and indirect measurement to solve real life application problems. G.SRT.3 Use the properties of similarity to establish the AA criterion for two triangles to be similar. Assign p. 384: 3-17, 31-34	Graph simple rational functions. Graph the parent function $f(x) = 1/x$. Identify asymptotes, domain and range. Compare graphs of other rational functions. Translate functions and again compare to parent function. Chromebook Assign p. 313: 3-33 every 3 rd (37,38- on graphing calculator) (not 24) F.IF.7d+ Graph rational functions, identifying zeros and asymptotes when suitable factorizations are available and showing end behavior.	Find the sums of finite and some infinite Geometric series Identify when an infinite series has a sum by its ratio. Page 255: 5-8, 12-21