Carroll High School – Lesson Plans

Teacher: Tracy Hawkins – Week of 12/10/18 to 12/14/18

Subject: Algebra II w/Trig	Monday	Tuesday	Wednesday	Thursday	Friday
ACCRS:	7 – 11 – Perform operations on matrices and use matrices in applications; Use matrices to manipulate data; add, subtract and multiply matrices; understand matrix multiplication is not a commutative operation	7 – 11 – Perform operations on matrices and use matrices in applications; Use matrices to manipulate data; add, subtract and multiply matrices; understand matrix multiplication is not a commutative operation	7 – 11; 26 – Add, Subtract, Multiply matrices and use them in applications; use matrices to solve systems of equations; find the inverse of a matrix and use it to solve systems of equations; use matrices to solve problems	7 – 11; 26 – Add, Subtract, Multiply matrices and use them in applications; use matrices to solve systems of equations; find the inverse of a matrix and use it to solve systems of equations; use matrices to solve problems	All CCRS for 1st semester 7, 8, 9, 10, 11, 12, 13, 20, 21, 22, 23, 24, 26, 28, 29, 30, 31, 34
Before:	*Go over quiz	*Warm up	* Teacher will answer questions on homework	*Answer questions on Review sheet	*Review Warm Up
During:	*Think, Pair, Share Activity	*Students will finish word problems in groups	*Students will work independently on reviewing all concepts from Unit 2 Matrices	*Students will take Unit 2 Test	*Students will work in groups on review sheet for mid-term exam
After:	*Students will work in groups to solve problems using matrices	*Students will begin working on Unit 2 Review sheet	*None	*None	*None
Desired Outcome:	Students will be able to use matrices to solve problems	Students will be able to use matrices to solve problems	Students will be able to add, subtract, & multiply matrices, find area of triangles, use Cramer's rule and inverse matrices to solve systems of equations	Students will demonstrate ability to add, subtract, & multiply matrices, find area of triangles, use Cramer's rule and inverse matrices to solve systems of equations	*Students will be able to work problems from all material covered in 1st semester
Formative/ Summative:	*Feedback during group work	*Feedback during group work	*Feedback during classwork	*Unit 2 Test	*Feedback during group work
Higher Order Questions:	*How can you use matrices to solve different kinds of problems?	*What still confuses me about matrices?	*None	*None	*What still confuses me?
Homework	Finish Matrices Problems	Finish Unit 2 Review (1-10)	Finish Unit 2 Review Sheet	None	Finish Review Sheet