Carroll High School – Lesson Plans
Teacher: Tracy Hawkins - Week of 11-12-18 to 11-16-18

Subject: Algebra II	Monday	Tuesday	Wednesday	Thursday	Friday
ACCRS:	Holiday – No School	7 – 11; 26 – Add/subt/mult matrices and use them in applications; use matrices to solve systems; find the inverse of a matrix; use it to solve systems of equations; use matrices to solve problems	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
Before:		*Answer questions on homework	*Go over quiz	* Teacher will answer questions on homework *Quiz questions	*Answer questions on Review sheet
During:		*Students will do a stamp activity on inverse matrices	*Think, Pair, Share Activity	*Students will work independently on reviewing all concepts from Unit 3 Matrices	*Students will take Unit 3 Test
After:		*Students will take a quiz on inverse matrices	*Students will work in groups to solve problems using matrices	*None	*None
Desired Outcome:		Students will understand what an inverse matrix is and how to use it to solve systems of equations	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
Formative/ Summative:		*Stamp Activity *Quiz on Inverse Matrices	*Feedback during group work	*Feedback during classwork	*Unit 3 Test
Higher Order Questions:		*What still confuses me about inverse matrices?	*How can you use matrices to solve different kinds of problems?	*None	*None
Homework:		None	Word problem worksheet	Finish Unit 3 Review Sheet	None