Carroll High School – Lesson Plans
Teacher: Tracy Hawkins - Week of 11-5-18 to 11-9-18

Subject: Algebra II	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	26 – Find the inverse of a matrix if it exists and use it to solve systems of linear equations	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; 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	Teacher Work Day – No Students
Before:	*None	*Review Matrix basics *Quiz questions	*Answer questions on homework	*Answer questions on homework	
During:	*Students will take a quiz on determinants and using determinants to find area and Cramer's rule to solve systems of equations	*Teacher will work with students to learn how to find inverse matrices/ to use inverse matrices to solve systems of equations * Think, Pair, Share	*Students will do a stamp activity on inverse matrices	*Students will take a quiz on inverse matrices	
After:	*None	*Students will work independently on finding inverse matrices and using the inverse to solve systems of equations	*None	*None	
Desired Outcome:	Students will be able to find determinants and be able to use them to find area and solve systems of equations and use Cramer's Rule to solve systems of equations	Students will understand what an inverse matrix is and how to use it to solve systems of equations	Students will understand what an inverse matrix is and how to use it to solve systems of equations	Students will understand what an inverse matrix is and how to use it to solve systems of equations	
Formative/ Summative:	*Feedback *Quiz on Determinants	*Feedback during lesson	*Stamp Activity	*Quiz on Inverse Matrices	
Higher Order Questions:	*What still confuses me about determinants and Cramer's Rule	*What is the identity of multiplication?	*What still confuses me about inverse matrices?	*What still confuses me about inverse matrices?	
Homework:	None	Page 202 (1-12)	Finish Stamp Activity	None	