Carroll High School – Lesson Plans
Teacher: Tracy Hawkins - Week of 10-29-18 to 11-2-18

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	7 – 11 – Perform operations on matrices and use matrices in applications; Use matrices to manipulate data; add, subtract and multiply matrices	7 – 11 – Perform operations on matrices and use matrices in applications; Use matrices to manipulate data; add, subtract and multiply matrices	7 – 11 – Perform operations on matrices and use matrices in applications; Use matrices to manipulate data; add, subtract and multiply matrices	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
Before:	* Answers questions on quiz	*Entrance Slip on Area of Triangle problem	*Entrance Slip on Area of Triangle problem	* Answer questions on homework	*None
During:	*Teacher will work with students on evaluating determinants and using determinants to find the area of triangles using determinants	*Teacher will work with students on using Cramer's Rule to solve systems of equations	*Teacher will work with students on using Cramer's Rule to solve systems of equations	*Students will do extra practice on evaluating determinants and using determinants to find area of triangles and using Cramer's Rule to solve systems of equations	*Students will take a quiz on determinants and using determinants to find area and Cramer's rule to solve systems of equations
After:	*Students will work independently on evaluating determinants and finding the area of triangles using them	*Students will do Around the room Activity on problems using Cramer's rule to solve systems of equations	*Students will do Around the room Activity on problems using Cramer's rule to solve systems of equations	*None	*None
Desired Outcome:	Students will be able to evaluate determinants and use determinants to find the area of triangles	Students will be able to use Cramer's rule to solve systems of equations	Students will be able to use Cramer's rule to solve systems of equations	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 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
Formative/ Summative:	*Feedback during lesson	*Feedback during lesson and around the room	*Feedback during lesson and around the room	*Feedback during practice	*Feedback *Quiz on Determinants
Higher Order Questions:	*Do all matrices have determinants? *What are the two uses of determinants?	*What is Cramer's rule? *How do you use Cramer's rule to solve systems of equations?	*What is Cramer's rule? *How do you use Cramer's rule to solve systems of equations?	*What still confuses you about determinants and Cramer's rule	*What still confuses me about determinants and Cramer's Rule
Homework:	Page 194 (1-10; 17)	Page 194 (13-16)	Finish around the room	None	None