

Carroll High School – Lesson Plans

Teacher: Tracy Hawkins - Week of 10-22-18 to 10-26-18

| Subject: Algebra II | Monday | Tuesday | Wednesday | Thursday | Friday |
|--------------------------|---|--|--|--|--|
| ACCRS: | *20, 21, 22, 23, & 24 – Create equations and ineq. and use them to solve problems; Solve simple equations and understand there may be extraneous solutions; and Represent constraints by Eq. & Ineq | 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 |
| Before: | *Teacher will answer questions before test | *Unit 2 Test corrections | *Answer questions on homework | * Entrance Slip on Add/Sub Mult. Matrices | * Answers questions on quiz |
| During: | *Students will take Unit 2 Test | *Teacher will work with students to understand what a matrix is and to add or subtract matrices | *Teacher will work with students to learn how to multiply matrices *Think, Pair, Share Activity | *Students will take a quiz on Adding, Subtracting, and Multiplying Matrices | *Teacher will work with students on evaluating determinants and using determinants to find the area of triangles using determinants |
| After: | *None | *Stamp Activity *Students will work independently on adding/subt. matrices | *Students will work independently on multiplying matrices | *None | *Students will work independently on evaluating determinants and finding the area of triangles using determinants |
| Desired Outcome: | Students will demonstrate their ability to solve equations, absolute value equations, absolute value and compound inequalities, and systems of Eq. & Ineq. | Students will understand what a matrix is and be able to add or subtract them | Students will be able to multiply matrices | Students will be able to add, subtract, and multiply matrices | Students will be able to evaluate determinants and use determinants to find the area of triangles |
| Formative/ Summative: | *Unit 2 Test | *Stamp Activity *Feedback during lesson | *Feedback during lesson and Think, Pair, Share | *Entrance Slip *Quiz-Add/Subt/Mult Matrices | *Feedback during lesson |
| Higher Order Questions: | *None | *How can you use a matrix to organize data? *How do you add and subt. values in matrices? | *How do you find the product of two matrices? | *What still confuses you about adding, subtracting, and multiplying matrices? | *Do all matrices have determinants? *What are the two uses of determinants? |
| Homework: | None | Page 175 (2-12) | Page 183 (1-3; 14) | None | Page 194 (1-10; 17) |