Coordinate Algebra Support

Choice Board

Complete the choice board by doing three boxes in a row. You must go through the middle. This is project is worth a test grade.

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| Create a “How-To” worksheet or poster for solving equations. Include one-step, two-step, multi-step, and multi-step with parenthesis. Must be creative and colorful. | Create an instructional video that teaches a topic from one of the units we have covered. \*Topic must be approved by your teacher. | Create **12 questions** that display what you know about Inequalities. Here is your checklist:  **2 questions** where you identify the symbol.  **3 questions** where you match the inequality to the number line.  **2 solving inequalities using addition and subtraction**.  **2 solving with multiplication and division** (make at least one of them where you have to flip the symbol).  **2 word problem** examples.  **1 where you have to check if a number is a solution to the inequality**. |
| Create a mobile for properties of quadrilaterals. Include how to find the area and perimeter of each quadrilateral as well as an example. | Create a brochure that explains all of the key concepts below:   * Unit Conversions * Translating Words to Equations * Writing Equations * Algebraic Properties * Solving Equations * Solving Inequalities * Graphing Equations * Exponent Rules * Rate of Change * Properties of Quadrilaterals * Finding Area and Perimeter | Create a crossword puzzle with the vocabulary used in one of the units we have covered this year. |
| Create a powerpoint or Prezi of at least 5 slides re-teaching a topic you learned this year. Include vocabulary, examples, and practice problems with answers. Print out the slides or email them to me. \*Topic must be approved by teacher. | Create a book cover that would represent the material in one of the units we have covered. It must include vocabulary words and key concepts with a sample problem fully worked out. Must be colorful and creative. | Create a word search with the vocabulary used in one of the units that we have covered. |