Linear Equations and Matrices: Post-Test: Unit Project:

The post-test for this unit is a cumulative unit project that the students will work on and add to as the unit is taught. The projects will be due on the second Thursday of the unit. Below are the directions in the format in which they will be given to the students.

Unit Project:

This unit teaches many new and fun concepts that you see all around you every day! As we learn this unit, I would like for you to compile a booklet containing the main details from the unit that you could use to teach a classmate or a parents about the things we have learned.

Directions: For each of the 8 sections in this unit, you will create a one page summary of the section. Each page needs to have:

1. Any and all processes and directions, step-by-step.
2. At least 2 examples, worked out with explanations.
3. Two word problems, with a description of how to solve the problems using the methods and information learned in the lesson.
4. A picture, graph or chart that enhances page and helps the reader understand the concept.

You may use problems from the textbook, internet or create your own. If creating your own problems, make sure that they will work out and are in the correct format.

All pictures can be hand-drawn or come from magazines and online resources.

Make sure if you use online resources that all your sources and references are listed!

**Projects are due: Next Thursday before your test.**

Projects will be graded based off of the rubric on the next page. Time will be given in class for questions and for you to work on your projects!

Also, on the due date you will have a chance to talk about your project and look over each other’s projects in class! Good Luck!!

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| |  | | --- | | **Making A Booklet: My Guide to Linear Systems & Matrices** | |

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| CATEGORY | **6-7** | **4-5** | **2-3** | **1** |
| **Content - Accuracy** | All facts in the booklet are accurate. | Most of the facts in the booklet are accurate. | A few of the facts in the booklet are not accurate, or not correctly developed/explained. | Several facts in the booklet are inaccurate. |
| **Writing - Organization** | Each page in the booklet has a clear beginning, middle, and end. | Almost all pages of the booklet have a clear beginning, middle and end. | Most pages of the booklet have a clear beginning, middle and end. | Less than half of the pages of the booklet have a clear beginning, middle and end. |
| **Attractiveness & Organization** | The booklet has exceptionally attractive formatting and well-organized information. | The booklet has attractive formatting and well-organized information. | The booklet has well-organized information. | The booklet\\'s formatting and organization of material are confusing to the reader. |
| **Knowledge Gained** | The student can accurately answer all questions related to facts in the booklet and to technical processes used to create the booklet. | The student can accurately answer most questions related to facts in the booklet and to technical processes used to create the booklet. | The student can answer several questions related to facts in the booklet and to technical processes used to create the booklet, however the student struggles to explain some processes and answer some questions. | The student appears to have little knowledge about the facts or technical processes used in the booklet. |
| **Content and Requirements** | The student provided several examples for each page in the booklet and met all requirements. | The student provided adequate examples, but the booklet lacked in some of the requirements. Steps and/or pictures may be missing. | Examples and steps provided are hard to understand and not worked all the way through. | The students booklet lacks several of the required pieces. Work seems rushed and incomplete. |
| **Graphics/Pictures** | Graphics go well with the text and there is a good mix of text and graphics. | Graphics go well with the text, but there are so many that they distract from the text. | Graphics go well with the text, but there are too few and the brochure seems \\"text-heavy\\". | Graphics do not go with the accompanying text or appear to be randomly chosen. |
| **Sources** | Careful and accurate records are kept to document the source of 95-100% of the facts and graphics in the booklet. | Careful and accurate records are kept to document the source of 94-85% of the facts and graphics in the booklet. | Careful and accurate records are kept to document the source of 84-75% of the facts and graphics in the booklet. | Sources are not documented accurately or are not kept on many facts and graphics. |