

# Key Concepts Scrapbook

Math II Project: 2<sup>nd</sup> Semester

## **Introduction:**

Throughout this year we have been through a lot of different topics that are extremely important to remember not only for the end of the year, but also for many years to come. Many of you will move on to college, military, or a trade school and you may not realize it, but you will be using a lot of the concepts that we have covered at some time this year. This is a chance for you to reflect and review some of the important topics that we have discussed in depth in the classroom. It will also give you an opportunity to open your thoughts up and decide what you might want to do with your life after high school and how these concepts will apply specifically to yourself and what you are hoping to do for a living.

## **Project:**

All of you are creative in your own ways. Many of you are unique and seem to be afraid to show it at times. This is an opportunity for you to shine! I would like you to create a scrapbook (physical or digital using PowerPoint or Slides) about the key concepts that we have discussed throughout the year and somehow link them to something that you would like to do for a living after high school. To begin the project you will have to review the topics that we have discussed from all of the units that we have covered in Math II (Including Unit 1 – Unit 5, and Unit 7). You will pick, and get approved, 5 topics discussed that you consider important and worth remembering for future reference. After you find this list of concepts then you will need to do some research online or within the community (including parents, grandparents, or local

business leaders) as to how these topics will apply to a career choice that you have for the future.

After completing the list of 5 topics and getting an idea of where these concepts will fit into your career I want you to create at least one scrapbook page per topic that includes the following:

1. The name of the topic as well as the unit in which the topic was covered.
2. An explanation of what kind of information is needed to attempt a problem of this type, as well as, the process that is necessary to solve the problem correctly.
3. An example fully and correctly worked out (**This must NOT be an example that was in the notes or on any of the homework assignments**).
4. The applications of this topic to the career of your choice as well as any references that you may have used. Did you get the information from your parents, grandparents, someone in that field, or from the Internet? If from the Internet what is the URL that you used to find this information at?

Be sure to create a scrapbook that is school appropriate and shows a full-hearted attempt to create your own masterpiece. Get creative and show me what you can do. You will have two full weeks to work on these projects before they are due. Be sure to fulfill all of the requirements asked of you for this project from the rubric provided.

**DUE DATE:** \_\_\_\_\_

# Career Scrapbook Project

## Cover Page Requirements:

Creative Title **(5 points possible)**

Name and Class Hour **(5 points possible)**

## Career Choice:

Slide 1 - Identify your choice of a career as well as an explanation as to why you are selecting this career to pursue **(20 points possible)**.

Slide 2 - Identify the path it will take to get into this career after you leave this classroom **(20 points possible)**.

Slide 3 - Create a table of contents **(10 points possible)**.

## Topics:

*You will be required to select 5 topics from amongst all the topics that have been covered throughout the first and second semester of this course.*

Topic 1	Topic 2	Topic 3	Topic 4	Topic 5
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Slide 1 - Topic Name & the unit it was presented in **(5 points possible per topic)**.

Slide 2 - Process to solve a problem of this type **(5 points possible per topic)**.

Slide 3 - Create an example problem and work it out in full detail. Work must be included with the problem to receive any points! **(10 points possible per topic)**

Slide 4 - Describe how this topic applies to your career choice. Understand that it will not necessarily apply the same way we discussed it in class **(10 points possible per topic)**.

## Time Log:

Topic 1	Topic 2	Topic 3	Topic 4	Topic 5
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Detailed Time Log including time for research and time spent on creating the slides **(4 points possible per topic)**.

## Reflection:

Reflection on the entire project. Length must be 3 - 5 sentences minimum! (20 points possible).