Engineering Design Journal

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Directions: As you read through the Power Point, complete this work sheet and learn it!

1. The five purposes of an EDJ are: thought processes, activities, ideas, sketches and other graphic representations of the design process and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

2. For class, you will need to use it for class notes, \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_,

Journal entries and other information.

3. Chronological means in order of time. If you are trying to get a patent on an item that you developed or invented, why is it important that you date and sign each page of your journal? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

4. What material should be listed on the front of your EDJ? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

5. You should also have a table of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ at the front of the notebook.

6. Your entries should be done in \_\_\_\_\_\_\_\_\_\_\_.

7. Design notebooks do not have to be \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ but they do have to be \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

8. You should faithfully record everything as it \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

9. Make entries at the time you do the work. Include \_\_\_\_\_\_\_\_\_\_ the results and what you learn whether it is good or bad. Include all the information at the time even if you do not fully \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ it at the time of entry.

10. If you make errors, just cross them out with an \_\_\_\_\_\_\_\_\_\_\_ or a \_\_\_\_\_\_\_\_\_\_\_\_\_\_ line. Never mark anything out so you cannot \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ it.

11. Do not ever \_\_\_\_\_\_\_\_\_\_\_\_\_\_ anything with an eraser

12. Never \_\_\_\_\_\_\_\_\_\_ a page out of the notebook.

13. All data must be in their \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ form.

14. You can insert loose sheets of paper into the notebook by \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ the loose paper into the notebook. Sign across the tape and date it

15. Have your design entries \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_and have the witness sign and date at the space provided.

16. The witness should \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ the entry!

17. Every page must be \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

18. No pages should be skipped. This is a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ record of your work.

19. A good engineering design journal or notebook can be used to \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ your work even years after you have completed the original project.

20. The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ will be used to determine the rightful owner of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and other proprietary ideas.