

SCIENCE FAIR VOCABULARY REVIEW SHEET

Name: _____

Section: _____

Date: _____

Directions: Match the correct word to its definition.

- | | |
|-------------------------------|---|
| _____ 1. Conclusion | a. A notebook that you can use to organize your project, experiment. |
| _____ 2. Control | b. <u>The change that happens</u> in your experiment because of or <u>as the result of the independent variable being changes</u> . |
| _____ 3. Dependent Variable | c. <u>What you want to know</u> about your topic |
| _____ 4. Independent Variable | d. <u>Information you gather</u> from different sources which helps you know more about your science project topic |
| _____ 5. Logbook | e. A simple, factual summary of <u>what happened in the experiment</u> . |
| _____ 6. Observation | f. Your <u>opinion about what happened</u> during the experiment. The <u>last step</u> of the scientific method |
| _____ 7. Question | g. The <u>ONE THING</u> you <u>change</u> in your experiment to see what affect it has |
| _____ 8. Research | h. Observations and measurements taken from your experiment in <u>chart</u> or <u>graph</u> form |
| _____ 9. Results | i. Things that remain the <u>SAME</u> during your experiment. |
| _____ 10. Data | j. Things <u>you see and witness</u> during your experiment. |

List the steps to the Scientific Method:

11. _____ 12. _____

13. _____ 14. _____

15. _____ 16. _____

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17. _____ is an EDUCATED, testable response to the question you have posted as your problem.

- a. Problem
- b. Hypothesis
- c. Data
- d. Conclusion

18. In a project where you have two plants one that gets 6 hours of sunlight and one that gets no sunlight the dependent variable would be?

- a. Sunlight
- b. Plants

19. Which of the following is NOT a resource used to research your science project.

- a. Book
- b. Internet
- c. Interview
- d. Article
- e. You

20. _____ is a backboard, often three-paneled, which tells the story of your entire experiment.

- a. Folder
- b. Poster Board
- c. Display
- d. Pamphlet

21. _____ is an abbreviated version of your science fair project final report.

- a. Abstract
- b. Observation
- c. Display
- d. Procedure

22. List the main five pieces needed in an abstract.

A. _____ E. _____

B. _____

C. _____

D. _____

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23. Why Is an Abstract Important?

- a. Let's people quickly determine if they want to read the entire report
- b. It looks nice on a display
- c. It gives your opinion on the project
- d. None of the above.