

Use this worksheet for handwritten information or used in a PDF annotation app.

Science Fair Worksheet

Title of Project _____

1. Problem

This is the question you will answer with your experiment.

My **Independent Variable** is:

This is the one thing you plan to change.

My **Dependent Variable** is:

This is the change you will measure.

I will keep these **controlled variables** the same.

These things you won't change.

2. Hypothesis

Reread the problem in step1. Based on your research conducted through books or the internet, predict what the answer will be (an educated guess).

Use this worksheet for handwritten information or used in a PDF annotation app.

6. Observations (Record Data)

This is where you will record what happens when you perform your experiment. Use separate sheet if needed.

Use this worksheet for handwritten information or used in a PDF annotation app.

7. Science Knowledge

Explain the science knowledge behind this project. Explain what is happening scientifically. Use separate sheet if needed. (List definitions of any terms.)

8. Analyze Data (Charts, Graphs, Etc)

A data table, chart, or graph is a good way to show the result of an experiment in an organized way. Make sure you label it correctly so it is easy to read. If you need more room, use a separate sheet.

Use this worksheet for handwritten information or used in a PDF annotation app.

Judging Worksheet

Project Title _____

0 = No evidence 2 = Fair 4 = Very Good
1 = Minimum 3 = Good 5 = Exceptional

Scientific Method

- 1. There is evidence that thought, study, effort went into this project. _____
- 2. A definite plan was followed. _____
- 3. Accurate, scientifically verifiable facts were used throughout the project. _____
- 4. The project was controlled, logical, and complete. _____
- 5. Experiments were repeated enough for accurate and valid results. _____

Creative Effort

- 6. There are elements of originality in the project. _____
- 7. There was imaginative use in materials. _____

Level of Completion

- 8. The worksheet was concise and complete. _____
- 9. The project was done in a thorough manner. _____
- 10. Key points are emphasized. (Scientific knowledge was expressed.) _____
- 11. Samples of data are displayed. _____
- 12. A logical conclusion was drawn from the collected data. _____

Set-up

- 13. The display is neat, attractive, easy to read, and understandable. _____
- 14. There is logical sequence and organization to the display. _____
- 15. The purpose of the project is clear. _____

Biblical Application

- 16. The student has chosen an appropriate Bible verse. _____
- 17. The student is able to relate the Bible verse to the project. _____

Knowledge of the Subject

- 18. The student appears to have learned something new by doing this project. _____
- 19. The student is well prepared and able to describe the project in a confident and knowledgeable manner. _____
- 20. The student is able to answer questions about the project. _____

Total _____