



PESD Science and Engineering Fair Project NOTEBOOK

Title of Project

Student Name
Group Name
School/Teacher

ABSTRACT

Name_____Grade_____School_____

ProjectTitle_____

Goals and Objective: (What did the students want to find out?)

Methods and Materials: (What were the steps/materials used to investigate the problem?)

Results: (What information or data has been derived as a result of the investigation?)

Conclusions and Discussions: (What were the outcomes of the investigations and do they support the student's hypothesis? What are the implications of the experiment?)

PROJECT TITLE

(Can be the scientific question that is asked by your project or a clever title!)

PROBLEM

(A question to be answered by a process of scientific experimentation)

HYPOTHESIS

(A tentative answer to the question posed in the problem. Remember to write it as an if... then statement!)

MATERIALS

(A list of the items used in the experiment)

PROCEDURE

(A series of steps to be followed in a definite order)

Procedure/Steps

1)

2)

3)

4)

5)

6)

7)

8)

9)

10)

Research

Date:

Source:

Topic:

Facts

Date:

Source:

Topic:

Facts

Date:

Source:

Topic:

Facts

Date:

Source:

Topic:

Facts

Data & Observations

Date/Time: What I did: What I observed/learned: How does this affect my hypothesis? 	Date/Time: What I did: What I observed/learned: How does this affect my hypothesis?
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DATA

(A collection of actual information displayed in a graph, chart, or table.) Cut and paste your data graph, chart, table, etc. here or add a separate sheet. ☺

RESULTS

(Rank outcomes, show averages, perform calculations, and show relationships. Use charts and graphs)

CONCLUSION

(Answer the question that you stated in your problem, based on the facts discovered during your experiment)

Conclusion

(3+ Complete Sentences Each)

What did you find out when you tested your question?

Was your hypothesis correct? Why or why not?

How did this fit in with what you learned in your research?

What have you learned?

RESEARCH REPORT (250 Words)

(What is the current information on your topic? Write 3-5 paragraphs about scientific principles that relate to your topic. Attach to a separate sheet – make sure this is in YOUR OWN WORDS!)

ANNOTATED BIBLIOGRAPHY

(List of sources--minimum three sources--that you used: books, pamphlets, magazines, newspapers, internet, interviews, etc. Use www.ezbib.com to help you with the format!)

Journal

A project journal is a place where you record everything you do for your project. You don't have to write in it every day, just every day that you do any work on your engineering fair project. Each time you work on your project you should write down:

- The date
- What you did
- Any observations or data about your project/prototype
- Drawings of what is going on
- How much time various tasks took

What did you do today toward completing your project?

Date:	Journal for the day:
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*Add pages if you need to do more journal entries.