

Science Fair Conclusion

Due Date: BY THURSDAY, APRIL 23RD

You are nearing the end – you found a question/problem, researched the question, developed a hypothesis, and designed and conducted an experiment in order to attempt to seek an answer to your question. It is time to write your conclusion.

The conclusion should include:

- I. What happened during the project
 - This should include a **general summary**, as well as a summary of quantitative and qualitative data in words.
- II. Briefly restate the hypothesis and identify if it was correct or incorrect.
- III. **Explain why** you think you got the results that you did.
 - **Refer back to the research and site your data**
 - Possible additional variables that may have been introduced (experimental errors that contributed to the results)
 - Methods/Difficulty in maintain one variable\
- IV. If you were to do the experiment again, what would you do to improve your experiment or data collection process?
- V. A closing remark or ideas for future projects

On APRIL 23rd you will submit your conclusion.

April 23rd is only two weeks before the science fair ...

Make sure you have a science fair folder that includes everything you have done so far for the science fair ...

1. Science Fair timeline/overview signed by a parent/guardian and student indicating that you are both familiar with the requirements of the science fair
2. A half sheet of paper "Choosing a Science Fair Topic"
3. A half sheet of paper with your name(s), final science fair question, potential IV, potential DV, potential control group, and potential research topics.
4. Science Fair Research Guidelines (signed by a parent/guardian)
5. Science Fair Research Cards in an envelope
6. Science Fair Research Write Up (original and edited version) with Science Fair Research Write Up Guidelines (signed by a parent/guardian) attached
7. What's Next for the Science Fair: Task 1. Edit and Research Write Up and Task 2. Write hypothesis.
8. Science Fair Hypothesis (maybe be a separate document or attached to research write up)
9. Science Fair Design Plan for Experiment
10. Science Fair Experiment Approval and Expectations
11. A copy of Science Fair Materials, Procedure, Data Table(s), and Graph(s) and rubric with grade
12. Science Fair Conclusion Directions

Preparing for your **final draft to read as a final lab report ... merge all final copies into one document.**

Question --> Research --> Hypothesis --> Materials --> Procedure --> Data Tables --> Graphs