

Thank you for your interest in this item!

Teaching Middle School Agriculture the hardest part when having students complete Science Fair Projects is having an understanding of the report. This is an outline for how the report should look.

The outline is designed around the National FFA Organization Agriscience Fair Handbook. This is a major event for FFA members at the National FFA Convention in October.

Oh and I choose to use Ariel instead of Times New Roman for the outline. From past experience students who have neurological disabilities Times New Roman is even harder to read than any other fonts.

Title of Project (no more than 15 words and everything but articles, prepositions and conjunctions should be capitalized unless it is the beginning of a sentence.)(Numbers should be spelled out)

Name

Grade

School Name

School Address

Abstract

The abstract is a way to briefly summarize your paper and shows the purpose, methods, results and conclusion.

³⁵₁₇ Your **title** *should not* be in your abstract.

³⁵₁₇ You can show ways to continue this project in the future.

³⁵₁₇ No references should be cited in the abstract.

³⁵₁₇ No longer than 1 page and must be in a paragraph (at least 4 sentences per paragraph)

³⁵₁₇ Know this is the first page that the reader will see for your report – make sure you grab their attention.

³⁵₁₇ Your abstract needs to be arranged in this order:

- Purpose
- Procedure
 - Make sure to include your Materials with the procedure
- Conclusion

Introduction

Needs to answer the question “why was this work done?”

³⁵₁₇ Background information

- more than 2 paragraphs on initial ideas of project

³⁵₁₇ State the Problem

- This should justify why you are doing the experiment
- Also, the purpose of the experiment

³⁵₁₇ Make sure to explain the purpose of the research

³⁵₁₇ What is your general approach to solving the problem

³⁵₁₇ What do you hope to accomplish with this research.

Review of Literature

Tells the reviewer what information is already out there on this particular topic.

³⁵₁₇ Include in this area in paragraph form

- Information from articles that you used to help form your opinion for your experiment
- Find at least one article that discusses one of the following:
 - Articles similar to your study
 - Similar research methods
 - History in research/experimenting in this area
 - Other items that support your current knowledge base for the topic and how your project will help to complement the existing research.

Materials and Methods

If this area is written correctly anybody will be able to recreate your experiment.

³⁵₁₇ Make sure to write in the past tense

³⁵₁₇ Talking in third person

- No: we, I, Me, Us, My partner and I

³⁵₁₇ Explain all the materials needed and how they were used = make sure to include the technical information (make sure you explain it if you think someone will not understand the information)

³⁵₁₇ Experimental procedures

³⁵₁₇ If going out into the field, describe what the areas look like.

³⁵₁₇ Did you need specific data before you could begin the experiment?

Results

Summarize what your results were, even if you did not expect the ones you got.

³⁵₁₇ Do NOT include the discussion or any conclusions

- Focus specifically on data!
- Show trends, patterns.
- EXACTLY WHAT YOU DISCOVERED!
- ³⁵₁₇ Find a way to show the data whether in a chart, figure, table
 - Make sure to tell the reader about them in the text!

Discussion/Conclusion

Draw conclusions and show how they show your hypothesis being correct or not.

- ³⁵₁₇ Recap the results (1 paragraph)
- ³⁵₁₇ Explain why or why not you got your expected results
- ³⁵₁₇ Detail
 - Observations and results by focusing on what actually happened during the experiment.
- ³⁵₁₇ Focus your research with the data in the review of literature

References

- ³⁵₁₇ Must be APA style
- ³⁵₁₇ Only significant and publish sources should be listed here.
- ³⁵₁₇ If it is referenced in the text, must be here!
- ³⁵₁₇ Information that is not common knowledge must have a reference to go with it!
- ³⁵₁₇ Bibme.org is a great resource when creating your reference lists!

Acknowledgements

Thank anyone who helped you along the way with this project.

- ³⁵₁₇ Make sure it is still in paragraph form.
- ³⁵₁₇ Be specific and make them meaningful