

Contents and Sequence of your APSci Science Experiment Display Board

Your information should be a summarized version of your research – not the entire research paper or lab report pasted onto the board.

Title and Subtitles

- Clear, spelled correctly

Purpose

- Concise description of purpose of test (test=experiment)

Background Research

- Summary of research you used to design test

Hypothesis

- Includes the independent variable and dependent variable and an explanation for your reasoning based on your background research

Materials

- List of all materials & quantities

Procedure

- Outline of experimental procedure, enough info so that viewers can imagine your experiment in their minds (You need a balance between too little and too much info – too long=won't read, too little=no understanding.)

Data

- Data Table displays results for all trials, as well as averages (visual)
- Line graph or Bar graph (visual)
- Photos and/or drawings (visual)

Results

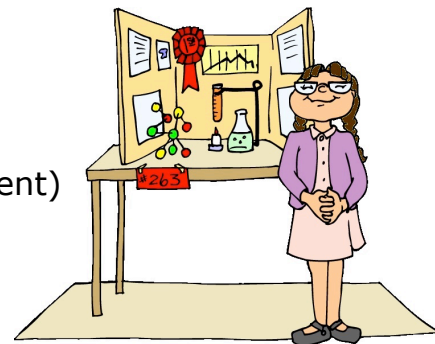
- Data analysis and observations describe patterns in data (written words)

Conclusion

- Summarize your results and explain why these results happened
- What are the limitations of your data? (large enough sample size? trials? time?)
- Talk about any unexpected results
- Any other unanswered questions related to the project

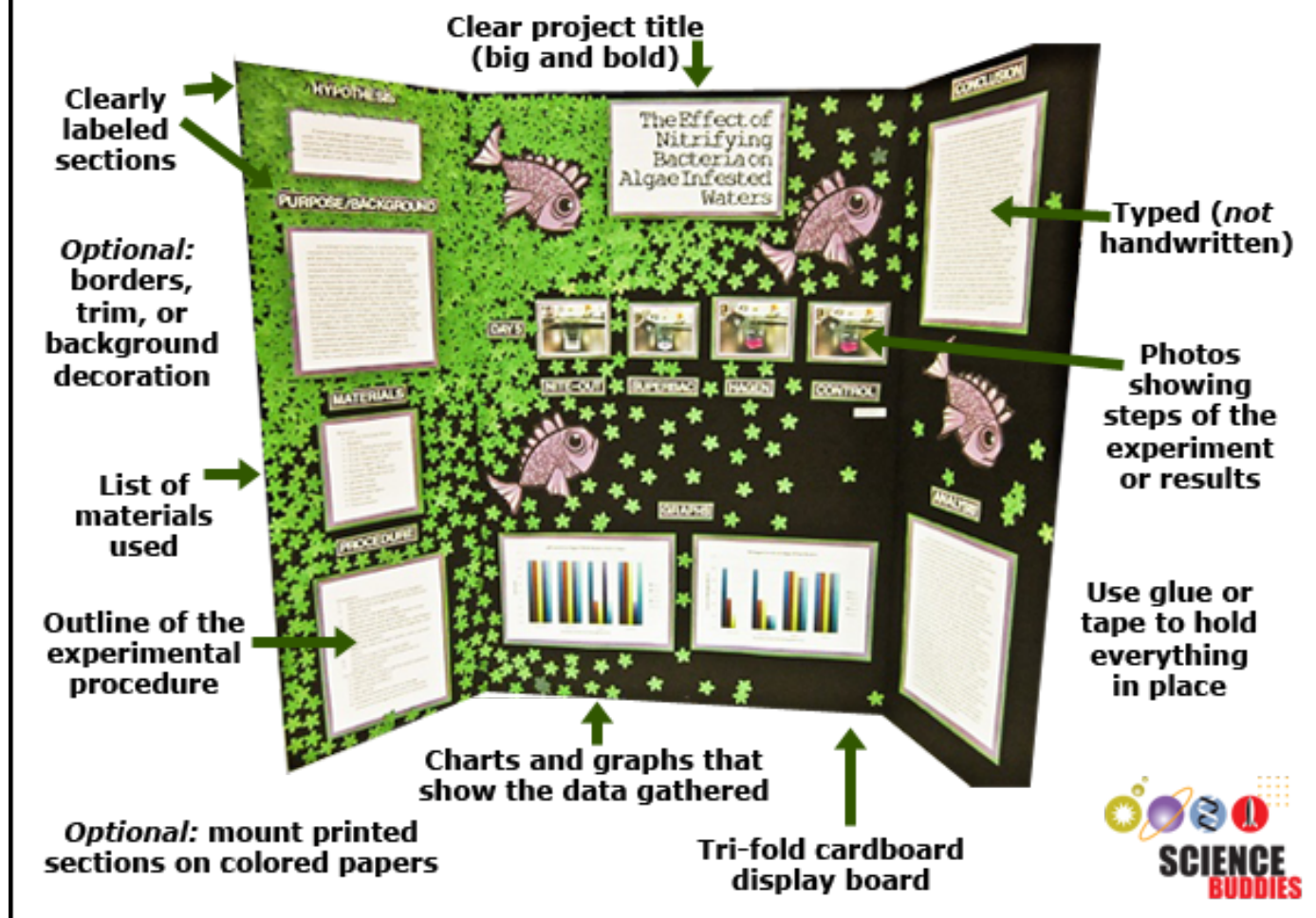
On the table, in front of the board, you should have:

- 1) Your complete reports (research report and lab report, graphs) in your binder
- 2) Your experiment log (also in binder unless it is a separate notebook)
- 3) You may have additional displays or photos on the table (not required)



SAMPLE BOARDS BELOW. Your board will have slightly different categories. See previous page.

A SUCCESSFUL SCIENCE FAIR PROJECT DISPLAY BOARD



Your PCC science display will have:

- ☐ the decorated board
- ☐ your experiment binder with:
 - your research report
 - your lab report
 - all your data graphs/tables
 - your original data log
- ☐ any experimental materials that you can safely display

