

# Contents and Sequence of the 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

## Abstract

- Purpose
- Concise description of project
- What you learned

## Background Research

- All research on which hypothesis is based

## Hypothesis

- A testable statement based on background research
- References the independent variable and dependent variable

## Materials

- List of all materials & quantity

## Procedure

- Outline of experimental procedure, enough info so that experiment could be replicated

## Results

- Data Table displays results for all trials, as well as averages
- Line graph (quantitative independent variable) or Bar graph (qualitative IV)
- Observations, photos and drawings
- Data analysis describes patterns in data

## Conclusion

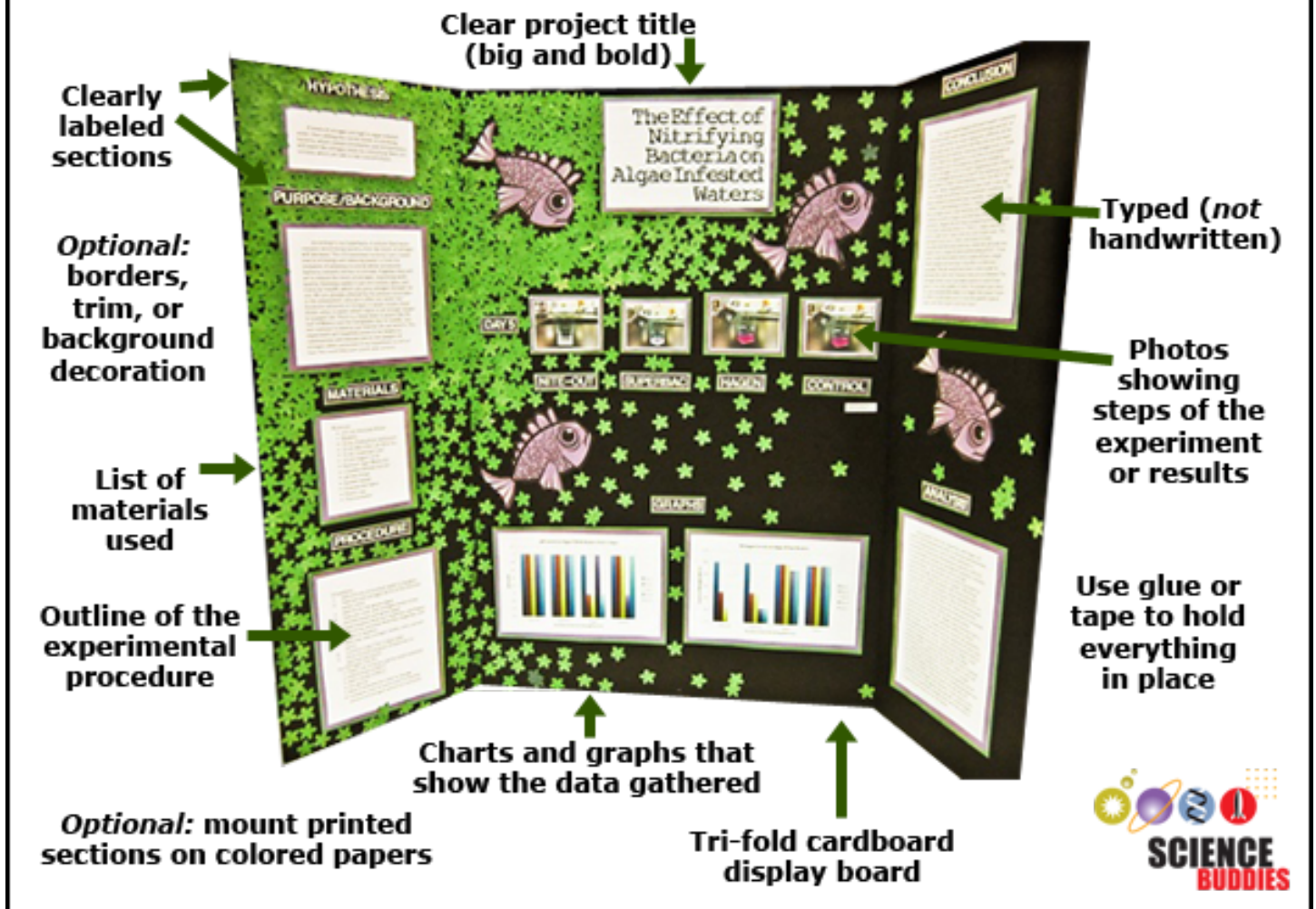
- Summarize your results and whether they support or contradict your hypothesis
- What are the limitations of your data? (large enough sample size, trials, time)
- Talk about any unexpected results
- Other unanswered questions related to the project

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

- 1) Your complete report and any appendices in your binder
- 2) Your experiment log
- 3) You may have additional displays or photos on the table (not required)



# A SUCCESSFUL SCIENCE FAIR PROJECT DISPLAY BOARD



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