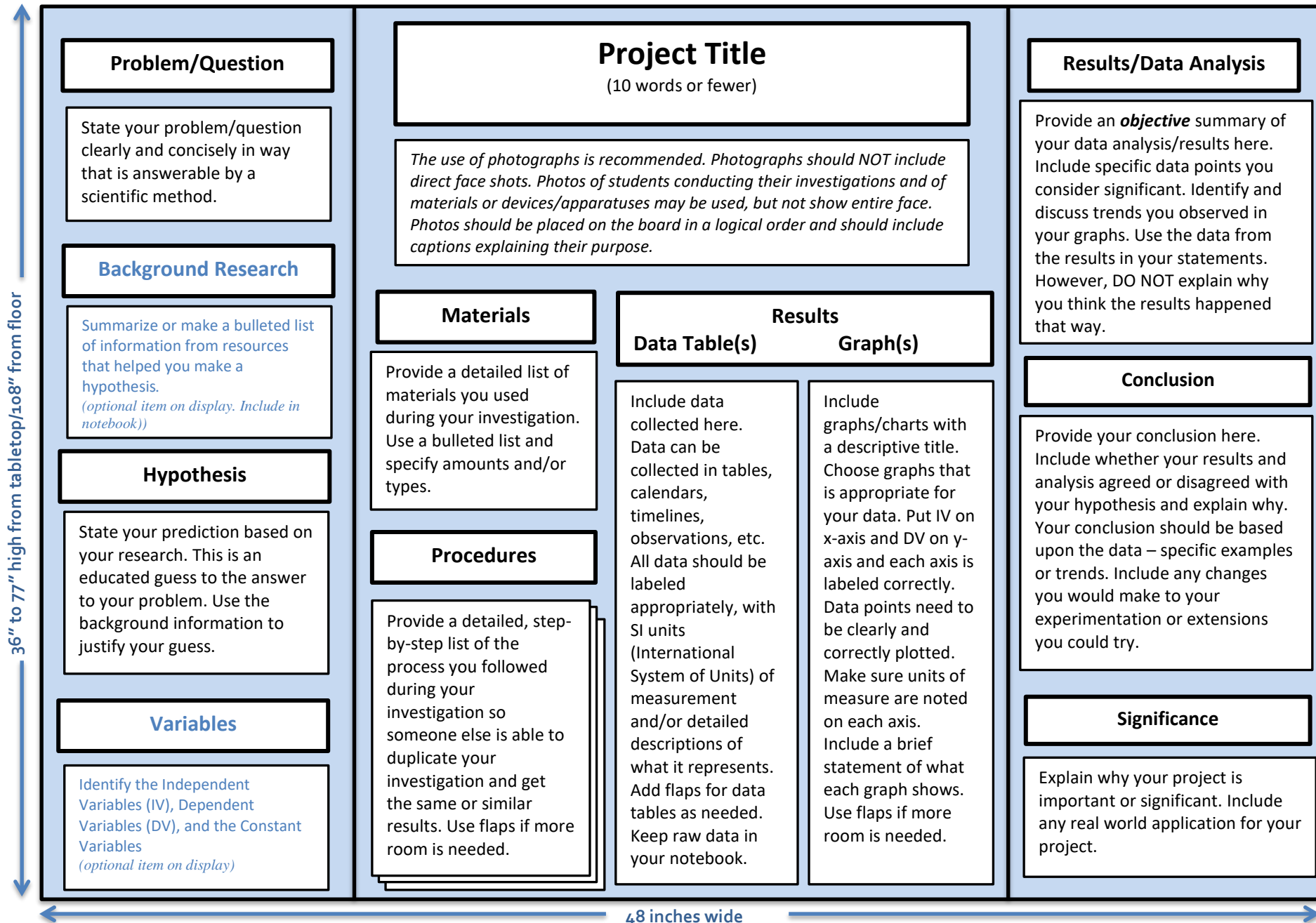# GSDSEF - Sample Science Fair Project Display

This is one suggested layout for your science fair project display board. Your board should include the scientific method and should have a similar layout, however it may be modified to fit your project.

36" to 77" high from tabletop/108" from floor

Problem/Question

State your problem/question clearly and concisely in way that is answerable by a scientific method.

Background Research

Summarize or make a bulleted list of information from resources that helped you make a hypothesis.
(optional item on display. Include in notebook))

Hypothesis

State your prediction based on your research. This is an educated guess to the answer to your problem. Use the background information to justify your guess.

Variables

Identify the Independent Variables (IV), Dependent Variables (DV), and the Constant Variables
(optional item on display)

Project Title
(10 words or fewer)

The use of photographs is recommended. Photographs should NOT include direct face shots. Photos of students conducting their investigations and of materials or devices/apparatuses may be used, but not show entire face. Photos should be placed on the board in a logical order and should include captions explaining their purpose.

Materials

Provide a detailed list of materials you used during your investigation. Use a bulleted list and specify amounts and/or types.

Procedures

Provide a detailed, step-by-step list of the process you followed during your investigation so someone else is able to duplicate your investigation and get the same or similar results. Use flaps if more room is needed.

Results
Data Table(s)   Graph(s)

Include data collected here. Data can be collected in tables, calendars, timelines, observations, etc. All data should be labeled appropriately, with SI units (International System of Units) of measurement and/or detailed descriptions of what it represents. Add flaps for data tables as needed. Keep raw data in your notebook.

Include graphs/charts with a descriptive title. Choose graphs that is appropriate for your data. Put IV on x-axis and DV on y-axis and each axis is labeled correctly. Data points need to be clearly and correctly plotted. Make sure units of measure are noted on each axis. Include a brief statement of what each graph shows. Use flaps if more room is needed.

Results/Data Analysis

Provide an *objective* summary of your data analysis/results here. Include specific data points you consider significant. Identify and discuss trends you observed in your graphs. Use the data from the results in your statements. However, DO NOT explain why you think the results happened that way.

Conclusion

Provide your conclusion here. Include whether your results and analysis agreed or disagreed with your hypothesis and explain why. Your conclusion should be based upon the data – specific examples or trends. Include any changes you would make to your experimentation or extensions you could try.

Significance

Explain why your project is important or significant. Include any real world application for your project.

48 inches wide

Do not display your name, school, logos, or acknowledgements of any lab, mentor, etc. on the board. Put name and school on back.

Project Notebook

Model/Apparatus*

*NOTE: Certain items are not allowed with display. Refer to "Items Not Allowed On or With Display" list. Displays and models/apparatuses are inspected for size and safety before entry into the Exhibitors/Judging Hall.