STEM Expo Display Boards

- Science Inquiry Boards (Slides 1 – 10)
- Engineering Display Boards (Slides 11-15)

Possible layout

Question or Statement of Problem:
Short one sentence statement of the Problem you are trying to find an answer. It can be in the form of a Question (This could be omitted if Project Title clearly states this).

Claim/Hypothesis/Prediction:
Write a short clear statement of what you claim the solution is to the above Question or Statement of the Problem.

Procedure:
What were the steps needed to perform your experiment/investigation?

List and number steps in easy to follow way so judges can easily follow what you did, and could do the same experiment.

Discuss what your Independent/Manipulated and Dependent/Responding variables.

Project Title:

Catchy 3 to 10 words. Written with large font that is easily visible.

Materials:

List materials and equipment used to perform this investigation/experiment.

Evidence/Results:

Show data table(s), graph(s), and/or pictures that display your experiment results. Label axes and identify independent/manipulated and dependent/responding variables on graph and possibly on data table if helps show these.

Reasoning/Conclusion:
Did the evidence verify/support your claim?

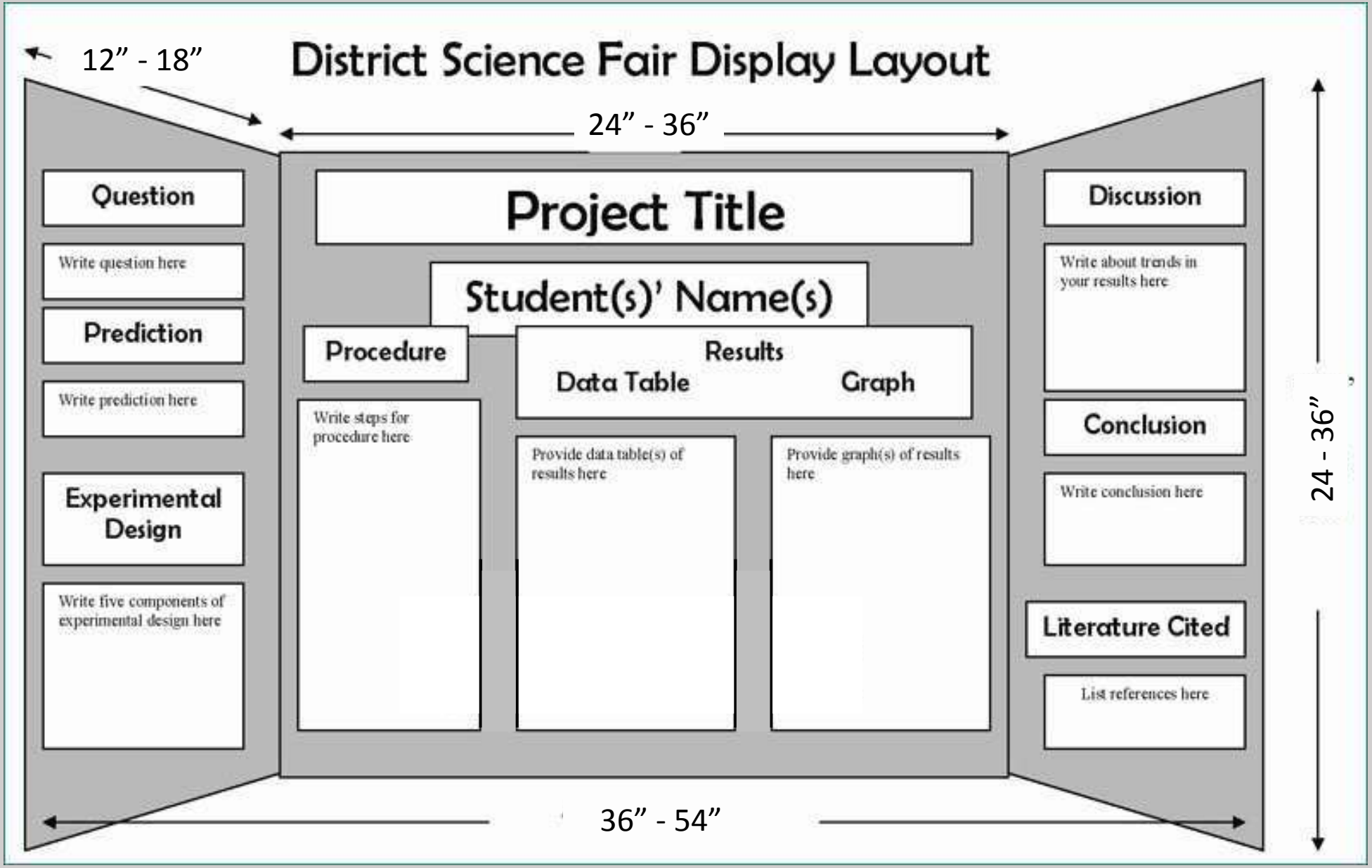
If so discuss how the data supports your claim.

If No, explain why the data does not back/support your claim.

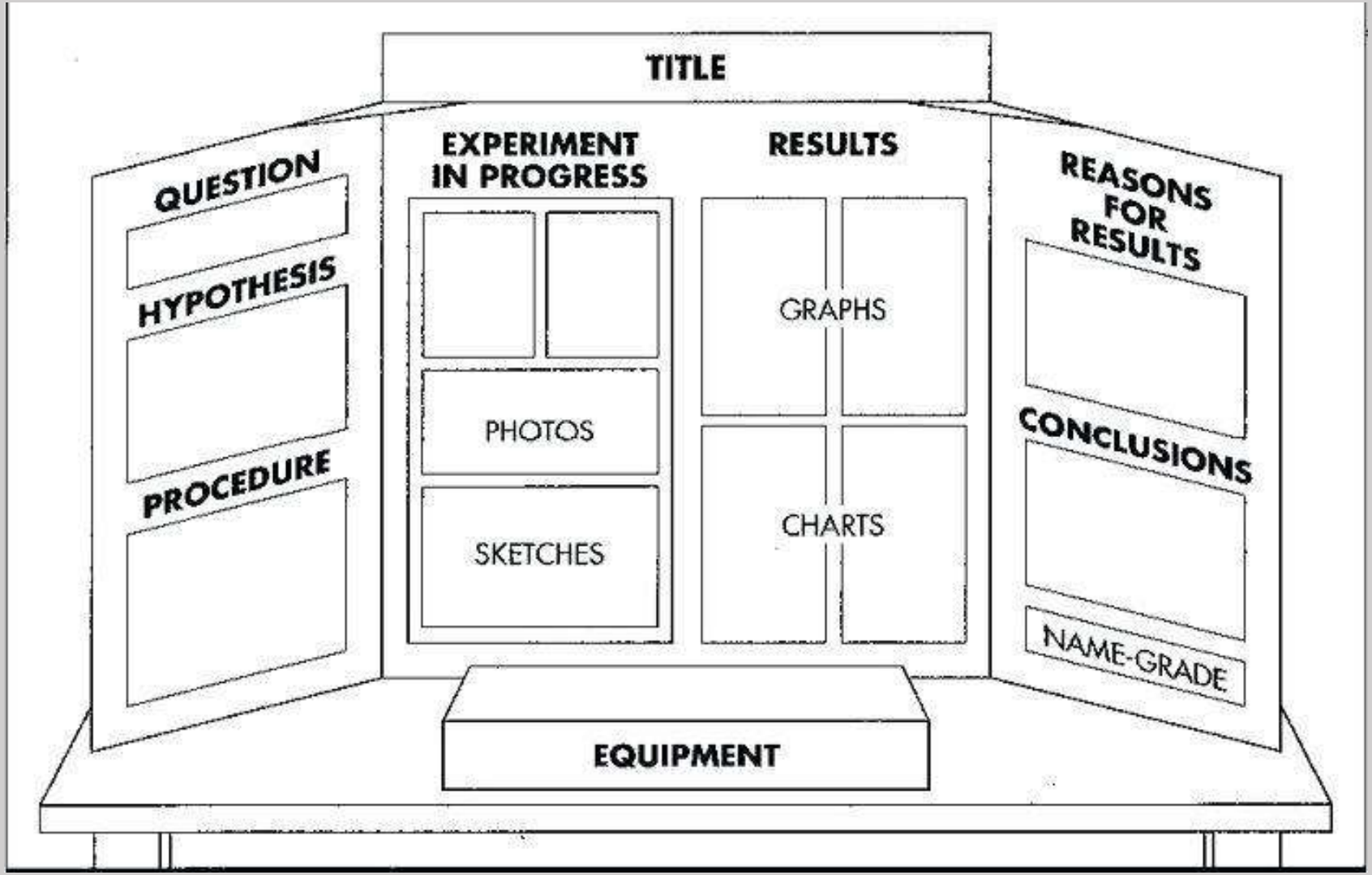
Applications:
Discuss how this subject/question could be applied.

Future Work:
Write two to five sentences on additional experiments or research that could help improve your experiment or refine your results.

Another possible layout



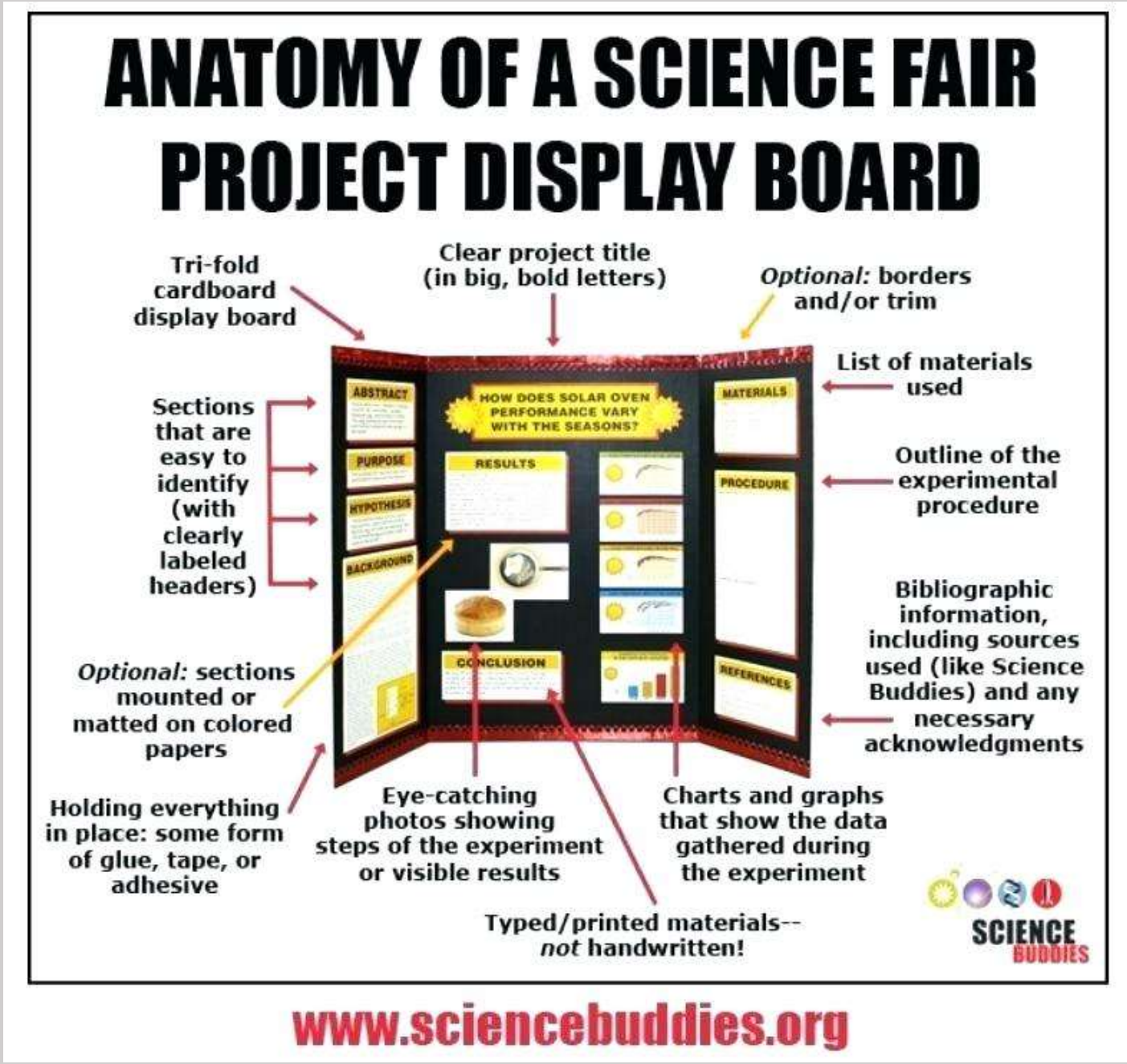
And another


TITLE
QUESTION
HYPOTHESIS
PROCEDURE
EXPERIMENT IN PROGRESS
PHOTOS
SKETCHES
RESULTS
GRAPHS
CHARTS
REASONS FOR RESULTS
CONCLUSIONS
NAME-GRADE
EQUIPMENT

And last one

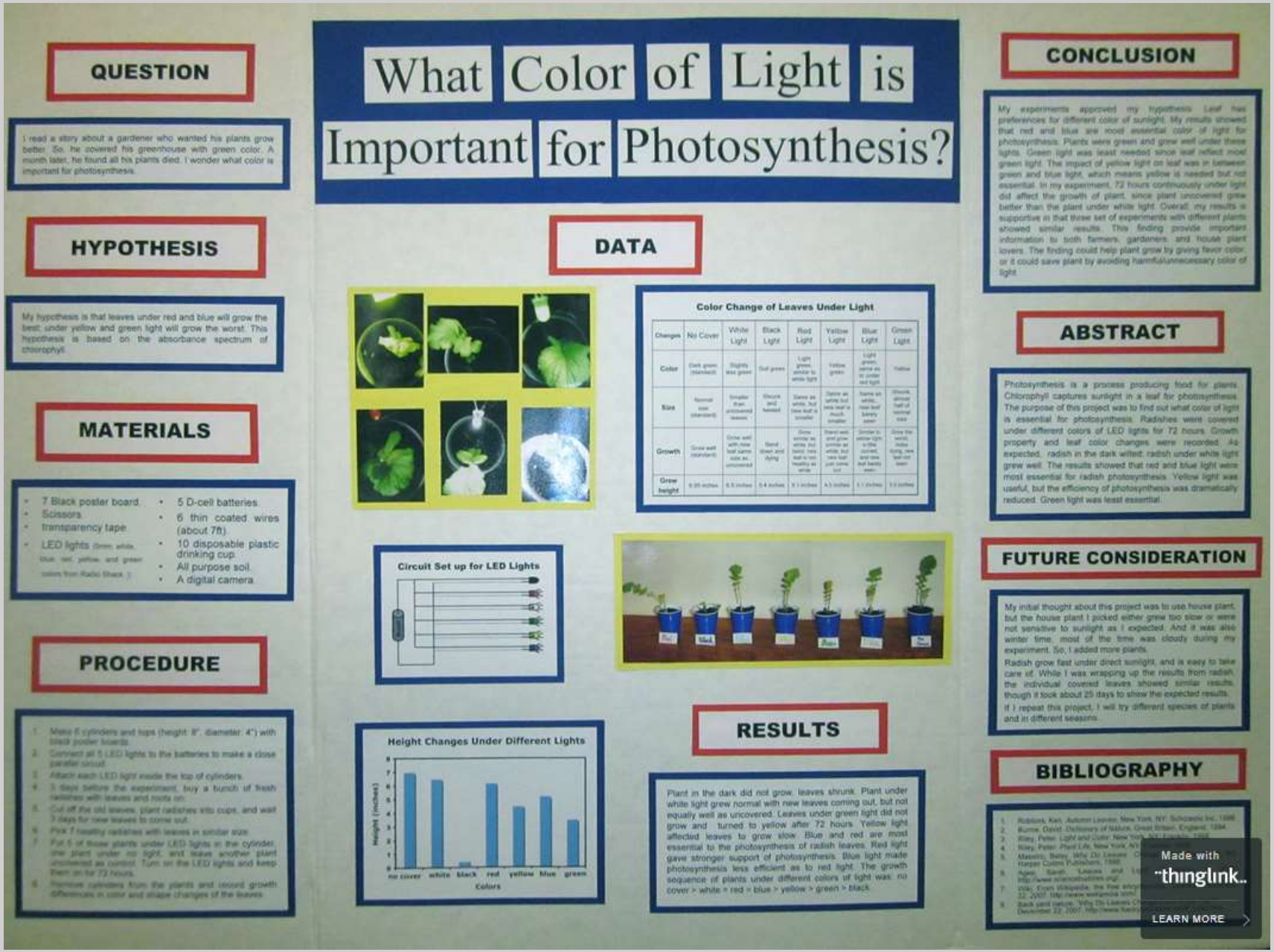
Engineering Project possible layouts are towards the end.

Keep going to see examples



Example of Science Inquiry Display Board

Engineering examples towards the end.



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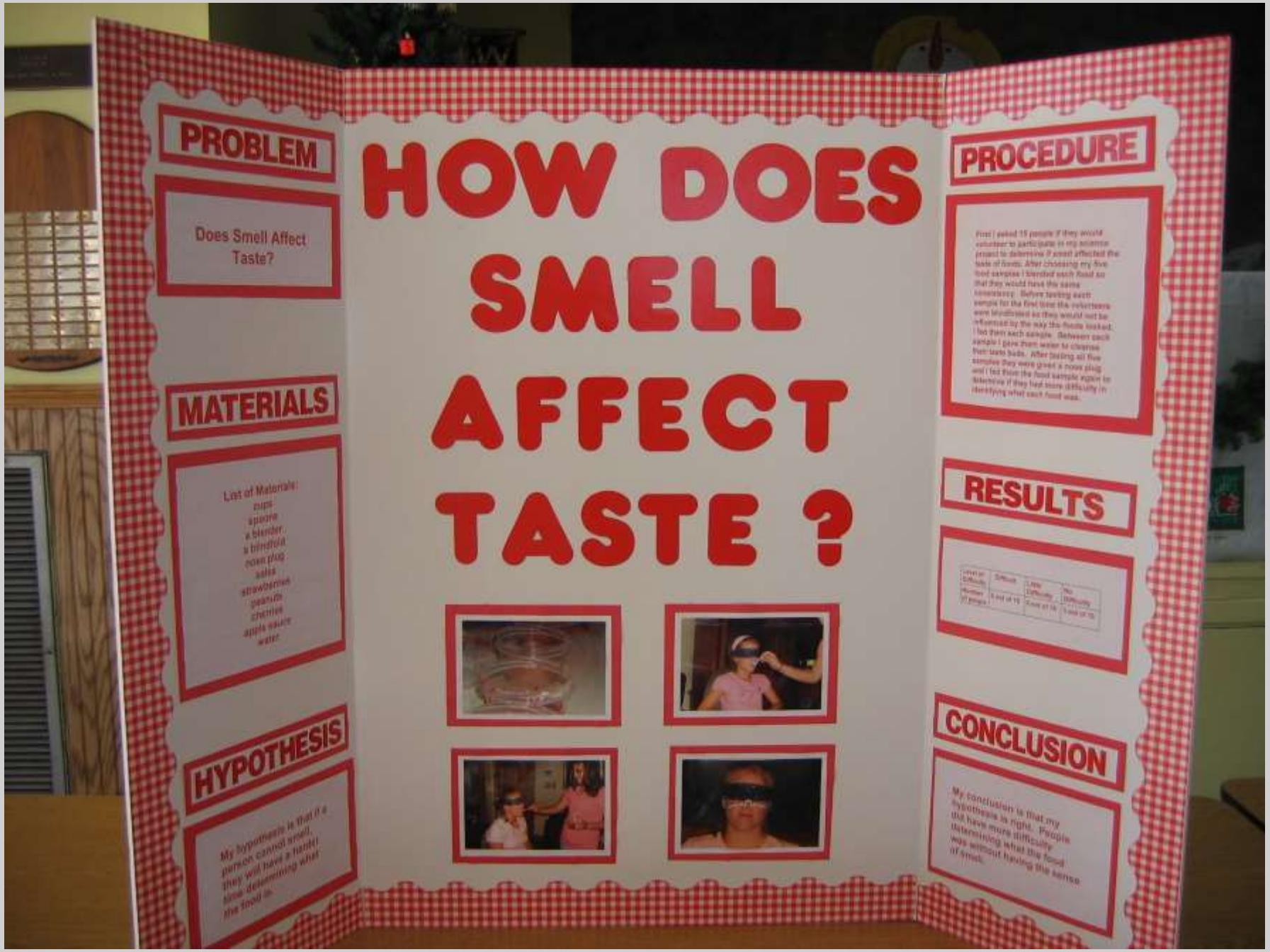

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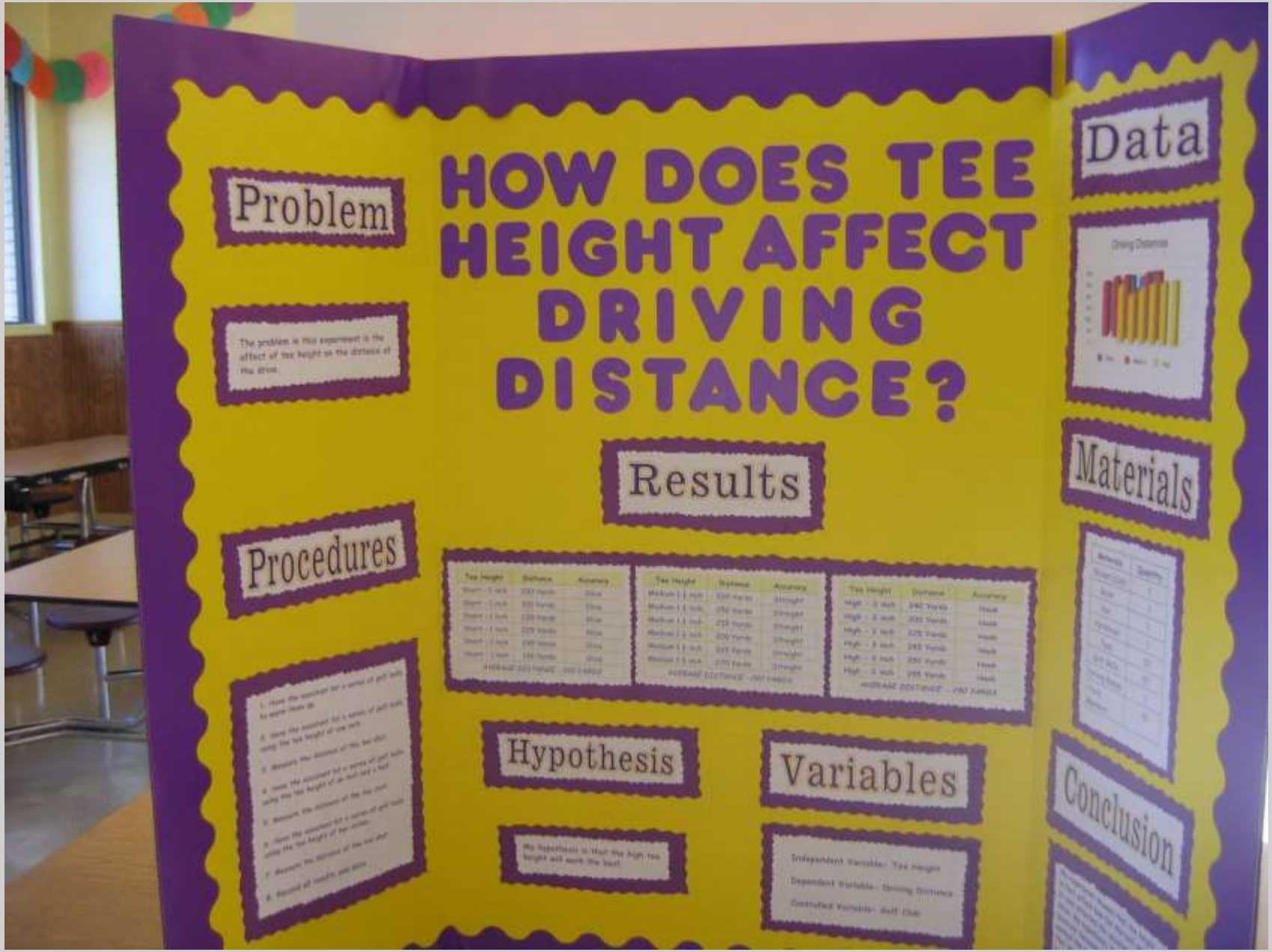

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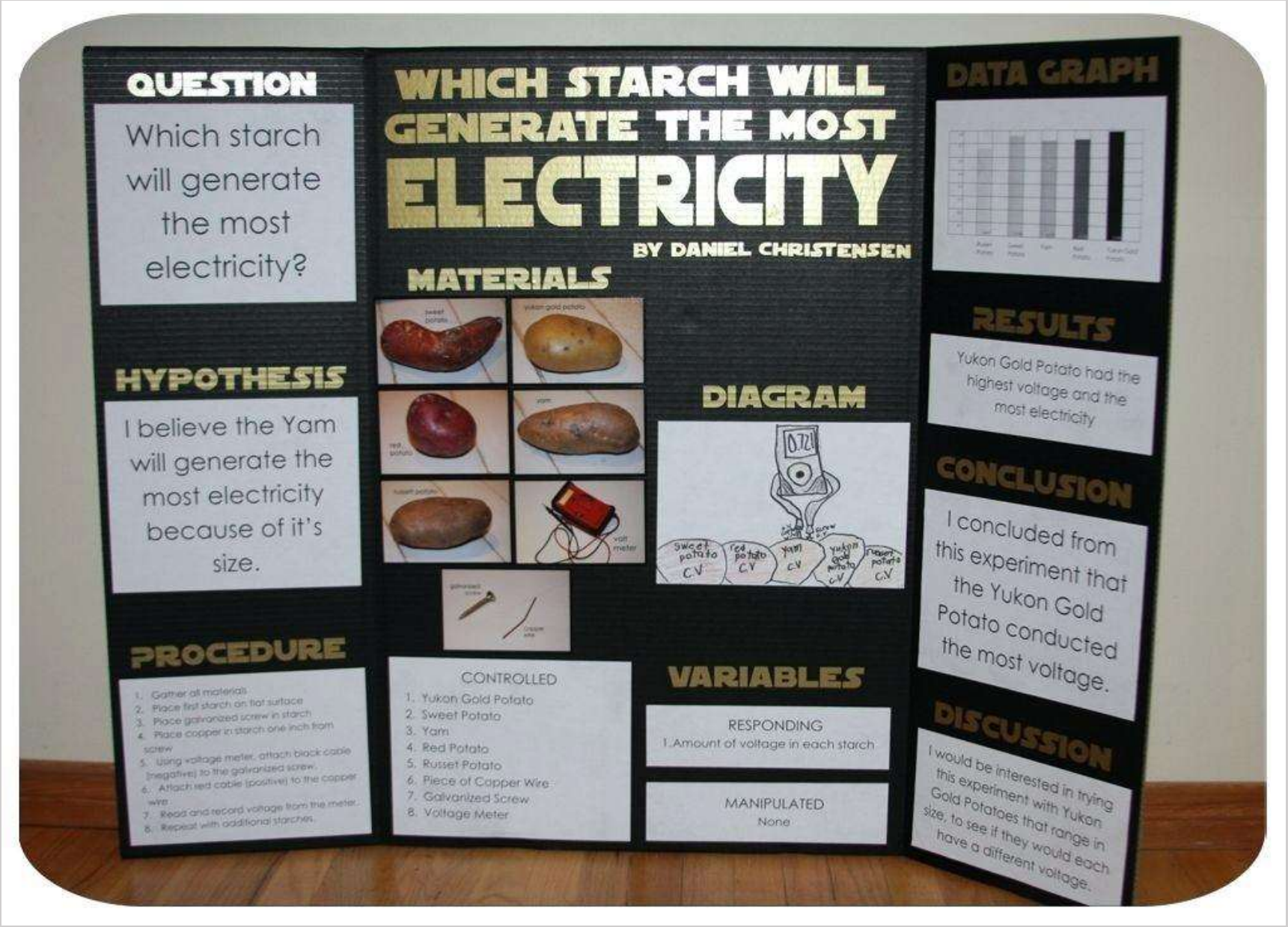

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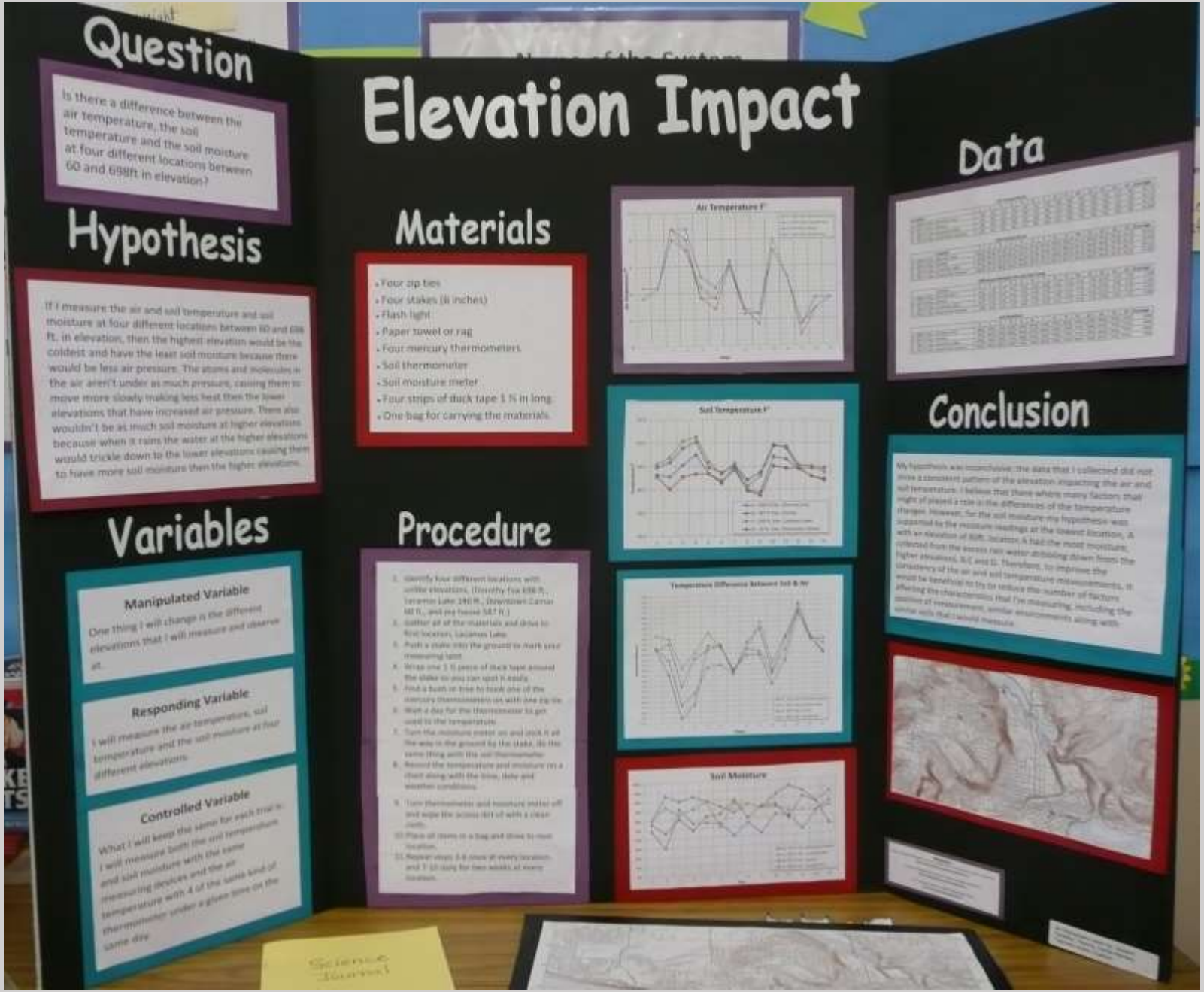
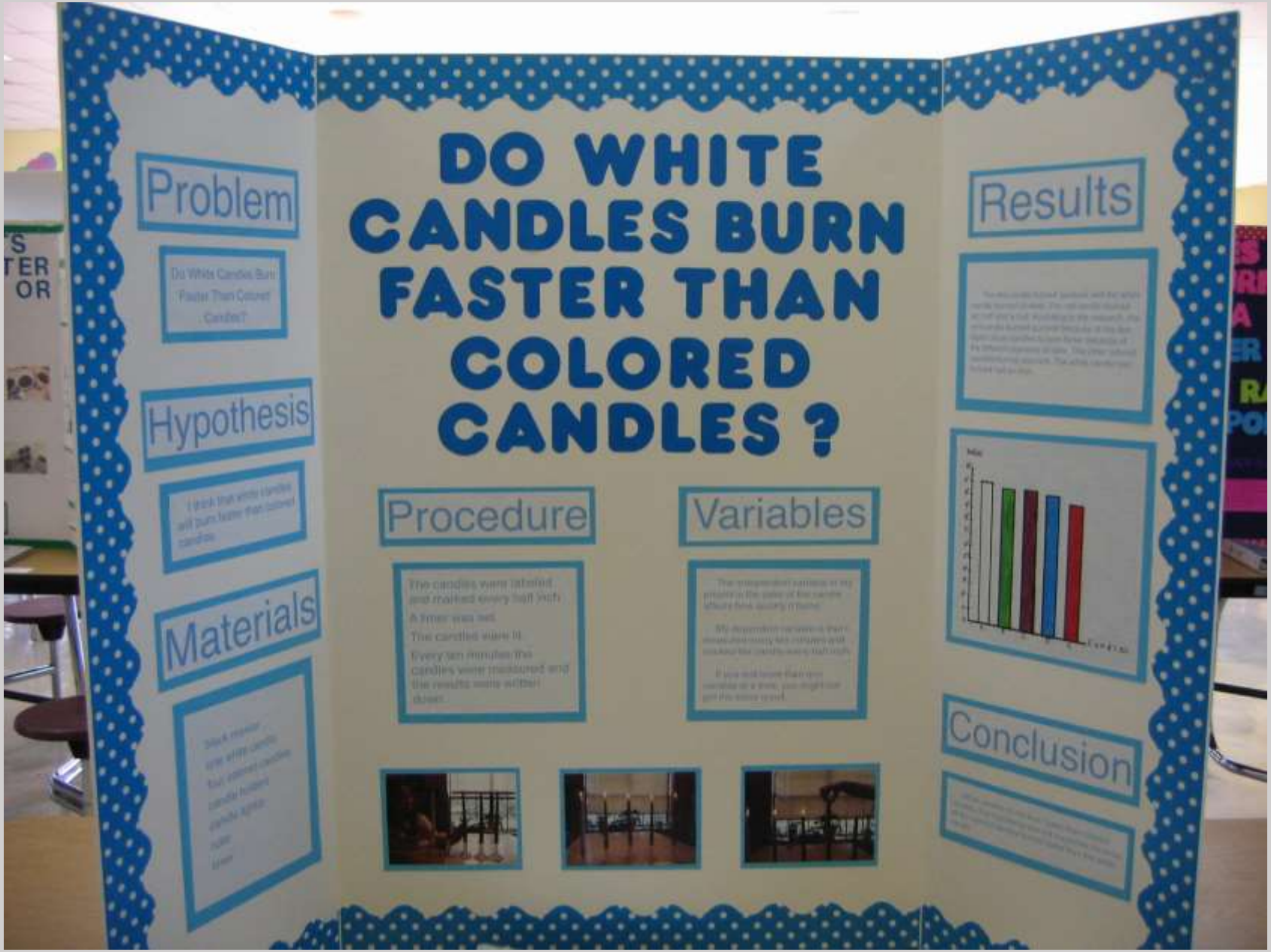
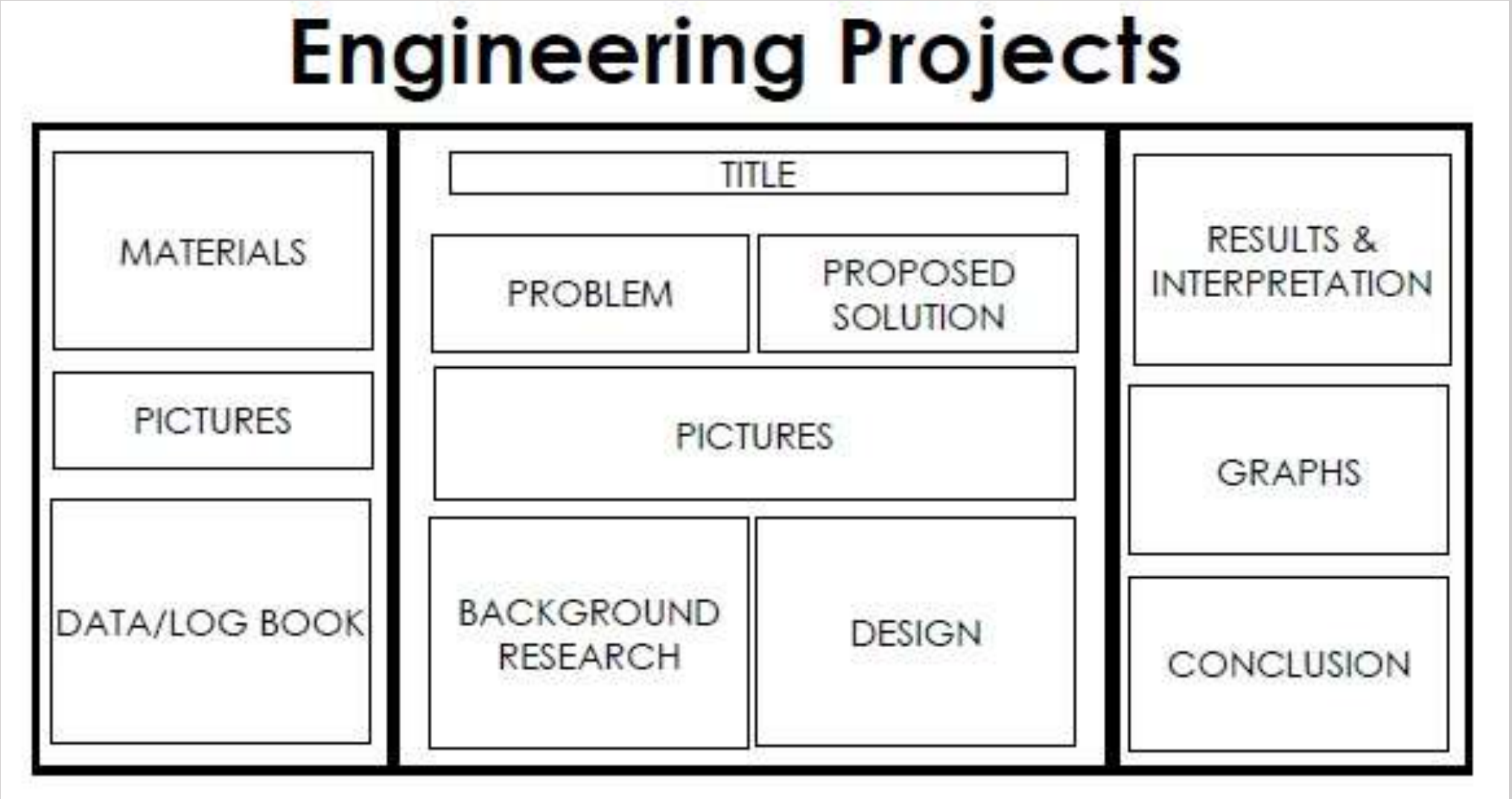


Example of Science Inquiry Display Board

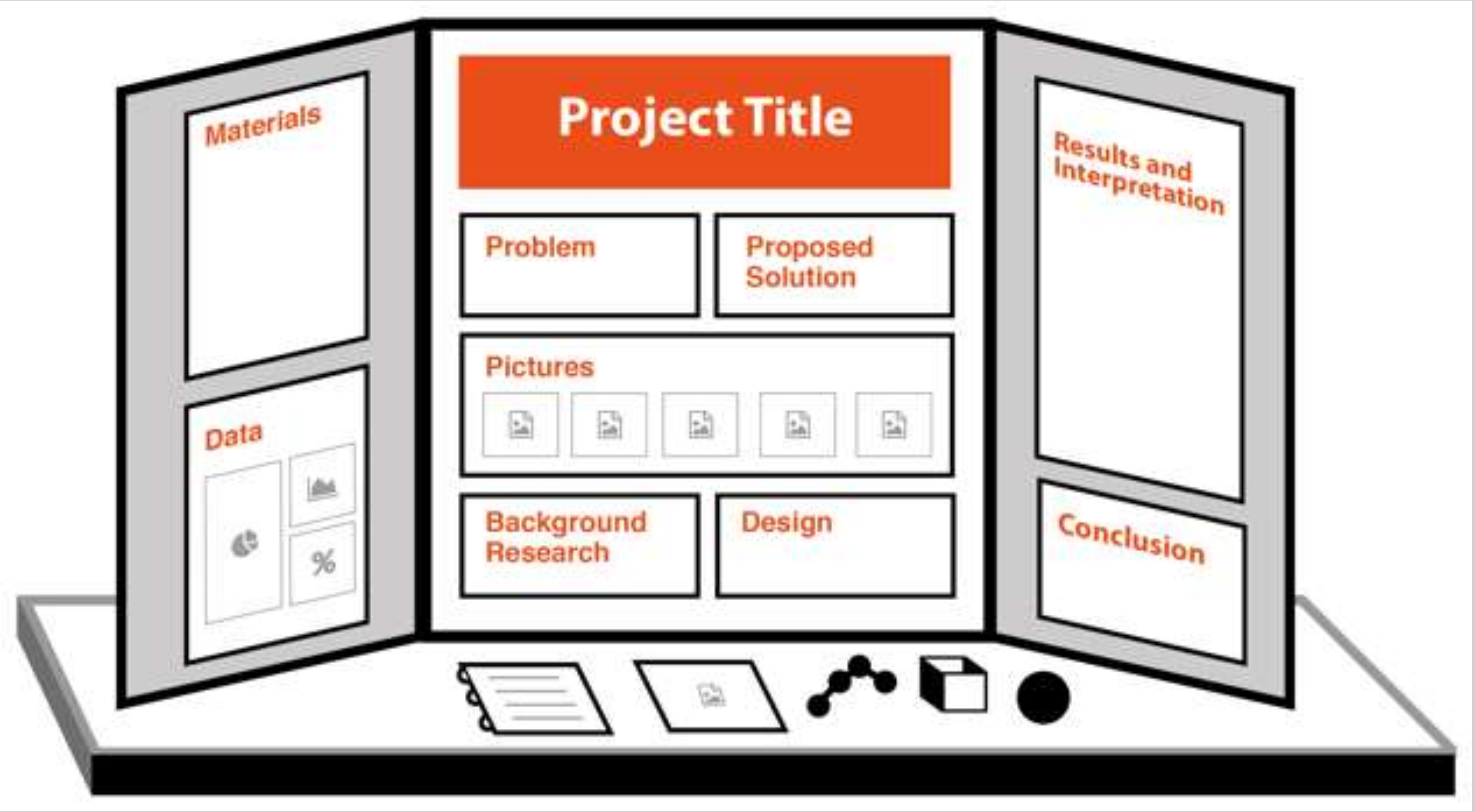
Engineering Project Display Boards next



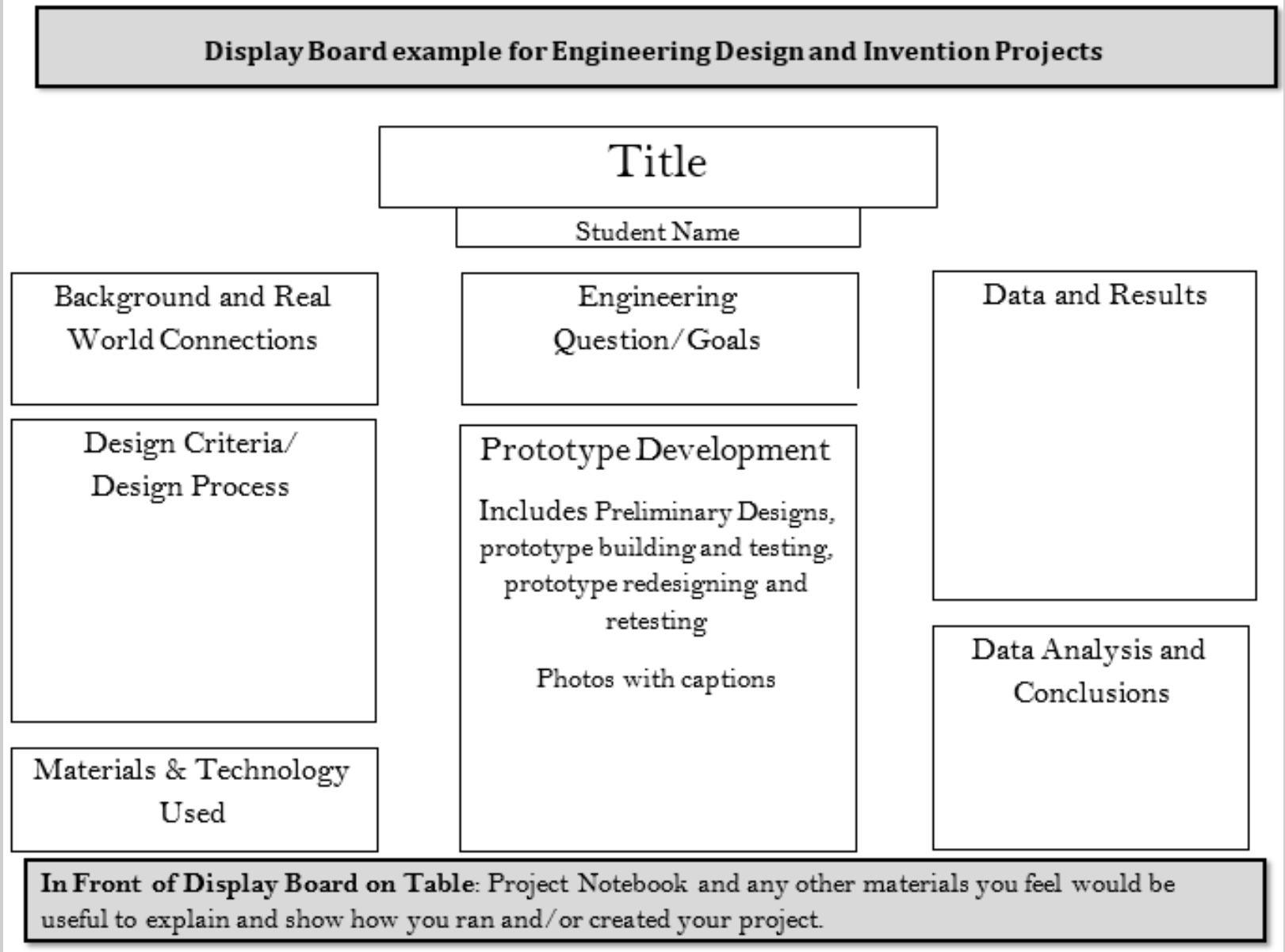
Engineering Project
Possible Layout



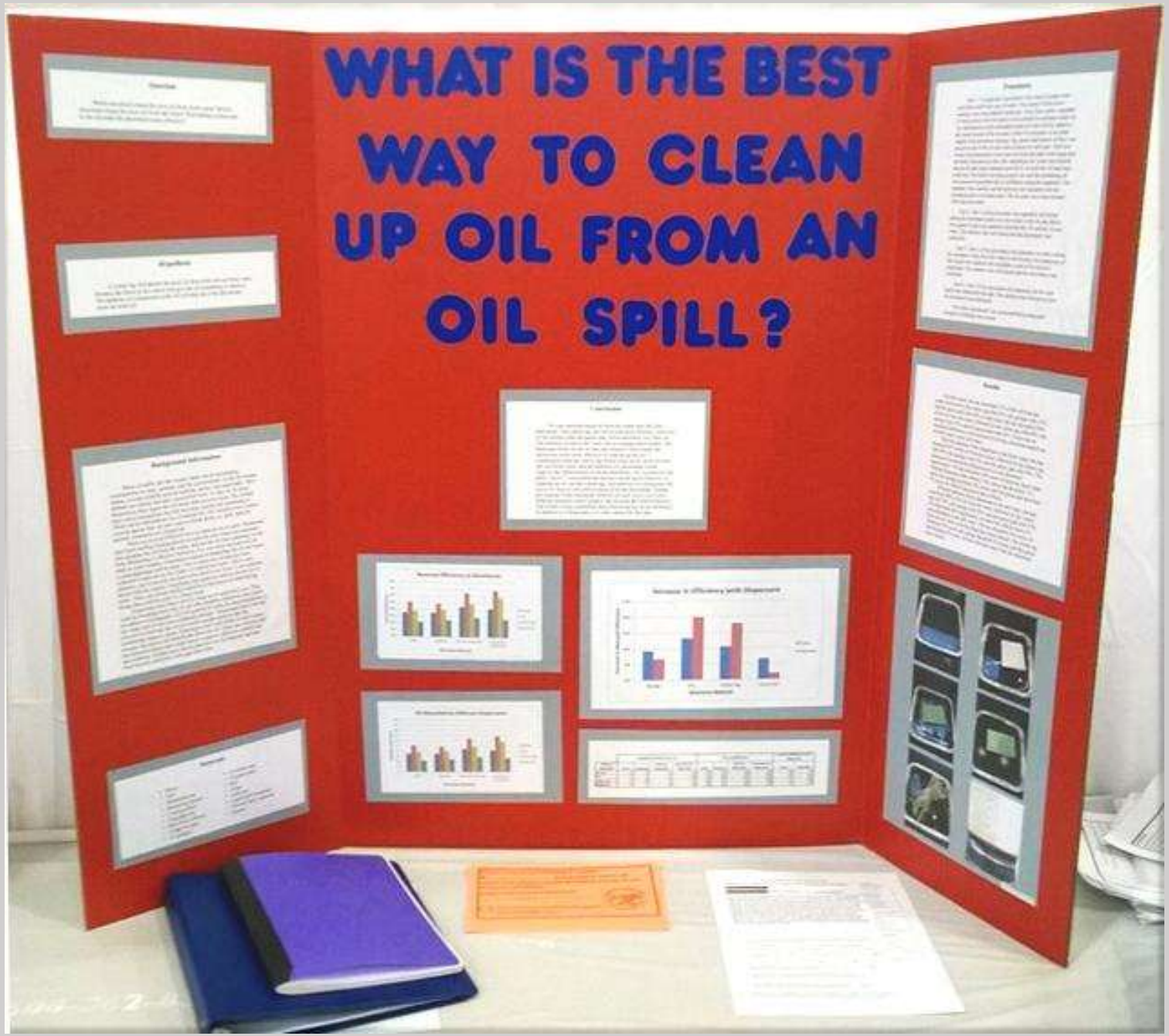
Engineering Project
Possible Layout



Engineering Project
Possible Layout



Example of Engineering Display Board



Example of Engineering Display Board