

# STEAM NIGHT

## HOW TO MAKE A PRESENTATION BOARD

Not every project requires a Presentation Board. For example, if you are submitting a painting you created, you can display your painting without the need for an entire presentation board. You could display the painting on an easel with a paper that the following details: your name, title of painting, and a brief description of the art painting. However, if you are doing a science experiment, a Presentation Board may be appropriate. If you want to use a Presentation Board, here are some tips to help you with the board:

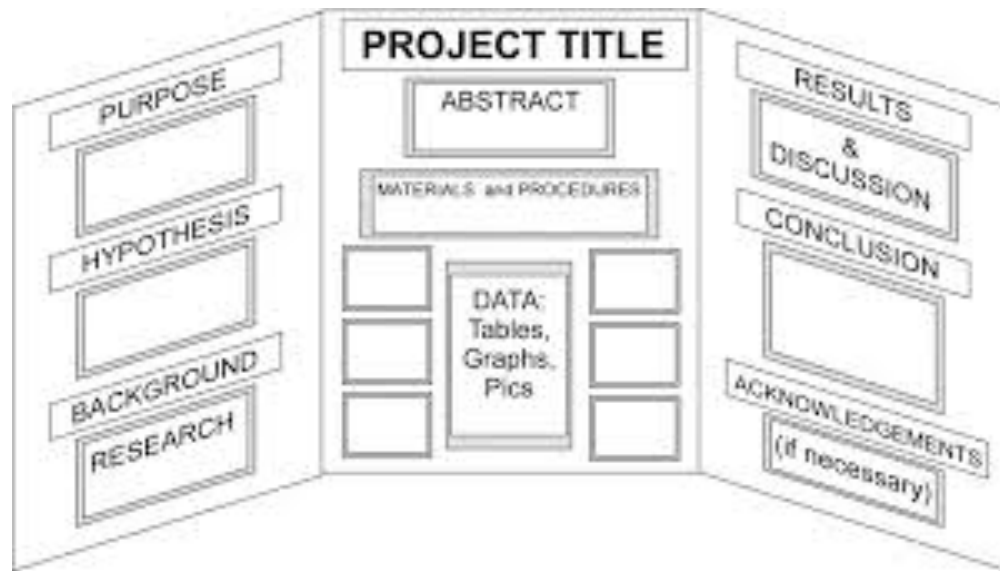
- Tri-Fold Boards can purchased from Target, Michael's, Staples, and online.
- Keep the board neat, not cluttered
- Arrange items in a logical flow, as if you are telling a story of your investigation
- Frame each section with contrasting colored paper
- Include visuals such as pictures, graphs, etc. along with written statements and descriptions
- Type or print text clearly
- Type should be at least size 16 font or a size that is easy to read from a few feet away

Things to include on the presentation board (suggested, not required)

- “TITLE”/TOPIC—Could be a statement or question (Examples: “The Effect of Sound on Plant Growth” or “How do Crystals Form?”)
- “PURPOSE”/ STATEMENT OF PROBLEM / DRIVING QUESTION—what do you know about your topic and what are you trying to find out through your investigation or experiment? (For example: I want to know...if/then...what/how/why/...) What is the importance of your findings?
- HYPOTHESIS/PREDICTION—What you think will be the result of your investigation or experimentation, based on what you already know about your subject/topic. (For example, “I think that...because...if...then...”)
- MATERIALS—what you used to complete the study
- PROCEDURES—how you conducted your study, steps you took to get data, how you analyzed data, etc.
- RESULTS—what you found out. This can be in the form of written statements, charts, graphs, pictures, etc.
- CONCLUSION—what your results mean and how it compares to your prediction. Also, reflect on why the results did or did not match your hypothesis. Either way, you should know why you got the results you did and what it means. Would you do the experiment differently next time? If so, how? What are the consequences of the results? Do they help others to make informed decisions? Do they help us understand the world better?
- REFERENCES—list any books, websites, articles, or other sources of information used in the project.
- STUDENT INFO—name, grade, teacher, and room #
- ACKNOWLEDGEMENTS/THANK YOUS—It is customary to thank any people that helped with ideas, information, resources, etc.

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Here is an example of a Presentation Board:



STEAM Night is a non-competitive, extra-curricular activity. Students are encouraged to explore, investigate, and communicate any area of STEAM that they find interesting and share what they know and found out about their subject to others. The projects will not be graded, and all participants will receive recognition for participating in the event. Therefore, all information provided in this document is suggested and recommended, but not required. Adjustments may be made, and creativity is encouraged. Choose a way to communicate your project in the way that makes most sense to you.