

CHECKPOINT 9: CREATE A DISPLAY BOARD

The objective of a display board is to present the main components and conclusions of the project so that others can easily recognize the investigation outcome. It should highlight the main points and key features of the investigation.

Include the following on your display board (in this general order):

1. Summary (formerly "Abstract")
2. Purpose
3. Investigative Question
4. Hypothesis
5. Experimental Design
6. Procedures
7. Data Table(s)
8. Graph(s)
9. Data Analysis
10. Conclusion
11. Limitations

Abstract Purpose Investigative Question Hypothesis	Project Title Experimental Design Procedure Data Table	Graph Data Analysis Conclusion Limitations
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Important Notes for Display Board

- Use a standard-sized, freestanding tri-fold display board. The display should be about 30" deep (front to back), 48" wide (side to side), 36" tall (top to bottom) and should be able to fold flat.
- Remember to include pictures of the project **ONLY**, not of people.
- Nothing three-dimensional can be on the board.
- Informational text must be typed (recommended) or written neatly.
- Include the graphs or charts and any other visual aids like photographs or drawings. Remember to cite the source for all visuals (excluding the ones taken during the course of the project).
- **Put your name, class period, and grade level on the back of the board.** Do not put your name or any other personal identification information anywhere else on the board.
- Be creative. Make it attractive, eye-catching, and easy to read from a distance.
- **The board must lay completely flat!**
- **REFER TO THE GRADING RUBRIC TO HELP YOU CHOOSE WHAT TO DISPLAY.**

CHECKPOINT 9: CREATE A DIGITAL PRESENTATION

The objective of the Google slide presentation is to present the main components and conclusions of the project so that others can easily recognize the investigative outcome. It should highlight the main points and key features of the investigation.

Include the following in your Google slide presentation (in this general order):

1. Summary
2. Investigative Question
3. Hypothesis
4. Experimental Design
5. Procedures
6. Data Table(s)
7. Graph(s)
8. Data Analysis
9. Conclusion
10. Limitations
11. Application
12. Future Research

Important Notes:

- Remember to include pictures of the **project only**, not of people.
- Include the graphs or charts and any other visual aids like photographs or drawings. Remember to cite the source for all visuals (excluding the ones taken during the course of the project).
- Be creative. Make it attractive, eye-catching, and easy to read from a distance.

Please note: The following rubric is intended to support students in determining their quality of work. Rubrics help students understand what success looks like and what they should strive for in order to excel in the state Science and Engineering Fair. The results of this rubric are not to be used toward grade-level content grades.

DISPLAY BOARD/DIGITAL PRESENTATION RUBRIC				
	2 points		0 points	Total Points
Content	Summary is complete.		Summary is missing.	
	Purpose is complete.		Purpose is missing.	
	Investigative question is complete.		Investigative question is missing.	

	Hypothesis is complete.		Hypothesis is missing.	
	Experimental design is complete.		Experimental design is missing.	
	Procedure is complete.		Procedure is missing.	
	Data table(s) are complete.		Data table(s) are missing.	
	Graph(s) are complete		Graph(s) are missing	
	Data analysis is complete.		Data analysis is missing.	
	Conclusion is complete.		Conclusion is missing.	
	Limitations are complete.		Limitations are missing.	
	Applications are complete.		Applications are missing.	
	Future research is complete.		Future research is missing.	
	2 points	1 point	0 points	
Presentation	Clear evidence of scientific process & understanding of basic science relevant to the project.	Partial evidence of scientific process & understanding of basic science relevant to the project.	No evidence of scientific process & understanding of basic science relevant to the project.	
	Board/presentation is neatly organized.	Board/presentation is partially organized.	Board/presentation is not neatly organized.	
Creativity/ Color	Board/presentation demonstrates creativity and color.	Board/presentation demonstrates some creativity and color.	Board/presentation demonstrates no creativity or color.	
Total for Display Board				/ 32 pts