

# Polaris at Ebert Science Fair

Student's Name: \_\_\_\_\_

Student's Teacher: \_\_\_\_\_

Project Topic: \_\_\_\_\_

Final Due Date: 12/9/16

<u>ASSIGNMENT</u>	<u>DUE DATE</u>	<u>DONE?</u>
Question	11/9/16	
Background Research		
Literature Cited		
Hypothesis		
Experimental Design		
Procedure		
Experiment Completed		
Results (Must include a table & graph)		
Discussion		
Conclusion		
Science Fair Board and Visuals	12/9/16	

\* Need help? Website links have been provided for each section.

Question

Write 1-2 sentences explaining what question you are trying to answer, and why you are interested in it. [http://www.sciencebuddies.org/science-fair-projects/project\\_question.shtml](http://www.sciencebuddies.org/science-fair-projects/project_question.shtml)

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Background Research

Write 1 paragraph describing what you learned about your topic. [http://www.sciencebuddies.org/science-fair-projects/project\\_background\\_research\\_plan.shtml#makingabackgroundresearchplan](http://www.sciencebuddies.org/science-fair-projects/project_background_research_plan.shtml#makingabackgroundresearchplan)

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Literature Cited (follow the format to the best of your ability)

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Hypothesis/Prediction [http://www.sciencebuddies.org/science-fairprojects/project\\_hypothesis.shtml#keyinfo](http://www.sciencebuddies.org/science-fairprojects/project_hypothesis.shtml#keyinfo)

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Experimental Design

[http://www.sciencebuddies.org/science-fair-projects/project\\_variables.shtml](http://www.sciencebuddies.org/science-fair-projects/project_variables.shtml)

Control group: (the group that will not be experimented on)

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Constants: (what you keep the same to make sure your test is fair)

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Independent variable: (what you change in your experiment)

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Dependent variable: (what you measure)

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Number of repeated trials: (how many times will you test your experiment- 3 is recommended)

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## Science Board Checklist

<u>Question</u>	<u>Response</u>
Did I make all the appropriate sections?	Yes or No
Do I have a title?	Yes or No
Did I label everything?	Yes or No
Did I include my name, grade, teacher on the <u>front</u> ?	Yes or No
Did I include my name, grade, teacher on the <u>back</u> ?	Yes or No
Do I have pictures, graphs, charts or diagrams?	Yes or No
Is everything spelled correctly?	Yes or No
Is my display board neat and easy to read?	Yes or No
Did I use enough tape or glue to help things stick?	Yes or No
Am I ready for the science fair?	Yes or No
Am I ready to present my science project?	Yes or No

# Science Fair Self-Evaluation Form

Student's Name: \_\_\_\_\_

Project Topic: \_\_\_\_\_

## Assignment:

Please answer the following questions about your project in complete sentences. Be honest! Use the other side if you need more space.

What did you do well during your project?

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What was the hardest part of this project for you?

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What would you do differently next time?

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# Display Layout

Below is a diagram of a sample layout for a science fair display.



