

Polar-ICE Sci-I Project

Mini-Proposal Feedback Form (version 6/17/17)

Student Names:

General Comments:

Variable 1:	Variable 2:
Location:	Time Period (e.g., years, seasons, months):
Are you averaging data?: YES or NO	What are you averaging (e.g., by month, by year, by decade)?:

Title:

- ☐ Includes the variables they are investigated.
- ☐ Includes the location and time period that the data are from for the investigation.

Introduction:

- ☐ States the problem or topic that they are investigating.
- ☐ Explains why they think there may be a relationship between their variables.

Testable Question & Hypothesis:

- ☐ States testable question.
- ☐ States hypothesis.
- ☐ Testable question and hypothesis include the location and time period of investigation.

*Planned Procedure – Description of Data Collection of the Accessed Online Data: *for ALL variables.**

- ☐ States where the data were found and what the URL link(s) is/are for each data set.
- ☐ States where in the world the original data were collected.
- ☐ States who collected the original data. Name(s) provided, if possible.
- ☐ States how the scientists took the original measurements of the data, including what tool(s) used.
- ☐ States over what time period scientists collected the original data (aka when first collected and when last collected).
- ☐ States how frequently scientists collected the original data.
- ☐ States whether the full data set or a shorter time period will be used for their investigation. If applicable, lists the years/months they will use for their investigation.
- ☐ States if averages of any of the data will be used in their investigation. If applicable, states what variable(s) will be averaged over what range (e.g., time period, space).

Planned Procedure – Investigation Design Table:

- ☐ Lists what they did at the beginning of their investigation to help them understand the available data better.
- ☐ States what the independent variable is (variable that is changing on its own).

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- __ States what the dependent variable is (variables they think is changing because of the independent variable).
- __ States what the constants in the investigation will be.

Planned Procedure – Description of Data Analysis:

- __ Explains how the data table will be set up, including column names.
- __ Describes the kind of figure(s) that will be used to show the data (e.g., bar graph, scatterplot, line graph).
- __ Includes what the x- and y-axes will be in the figure(s).