*Student Names:*

*General Comments:*

*Title:*

☐ Includes the variables you are investigating.

☐ Includes the location of the study and time period.

*Introduction:*

☐ States the problem or topic that you are investigating.

☐ Explains why you think your variables may be related or correlated.

*Testable Question & Hypothesis:*

☐ States testable question.

☐ States hypothesis.

☐ Include the location of the study and time period.

*Planned Procedure – Description of Data Collection of the Accessed Online Data:*

☐ States where the data were found and what the URL link is..

☐ States where in the world the original data were collected.

☐ States who collected the original data. Name are provided, if possible.

☐ States how the scientists took the original measurements of the data.

☐ States when the original data were first collected.

☐ States how frequently the original data were collected.

☐ States when the original data were last collected.

☐ States whether the full data set or a smaller time period of the data will be used for their investigation.

☐ If applicable, lists the years used for their investigation.

*Planned Procedure – Investigation Design Table:*

☐ Lists questions they could have asked at the beginning of this investigation to help them understand their data.

☐ States what information may help them better understand their results.

☐ States what the independent variable is (variable changing on its own).

☐ States what the dependent variable is (variable they think is changing due to the independent variable).

☐ States that the constants in the investigation will be.

*Planned Procedure – Description of Data Analysis:*

☐ Explains how the data table will be set up. Lists the column and row names.

☐ States what software tools will be used to interpret the data.

☐ Describes or draws the kind of figure that will be used.

☐ Includes what the x- and y-axes will be in the figure.

☐ States if averages or all of the data will be used to interpret the data.