Experiment Design Plan

Title:

Driving question:

Hypothesis:

Constants:

Independent Variable:

Dependent Variable:

Control Group:

*What are the constants, controlled variables?*

*Quantify these where possible.*

*How will you manipulate the independent variable in each experimental group?*

Experimental Group 1:

Experimental Group 2:

Experimental Group 3:

Experimental Group 4:

In the space below, **outline** the procedure you will use.

Data Collection Details:

Data Analysis Plan:

Number of Trials (provide justification):

Dependent Variable:

*In your lab notebook, write the procedure steps of your lab. Another student or group should be able to replicate it. Include tables, graphs, or both to display the data necessary to answer your question.*