

REAL WORLD USES: (A description of ways, places, or situations where the information from your experiment might be useful.)

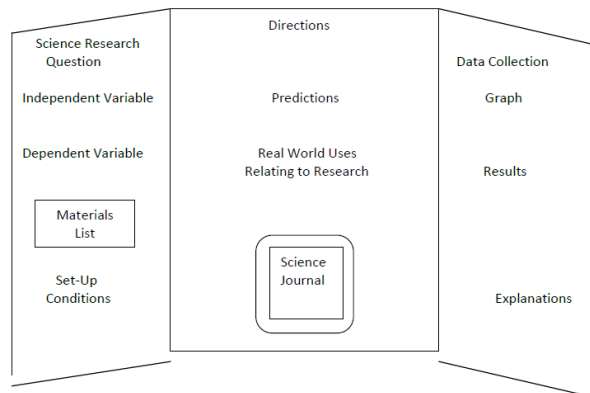
1.)

2.)

3.)

EXPERIMENT REFLECTIONS: (Write a paragraph which includes thoughts, concerns, discoveries, or further questions to explore. What might you do differently next time?)

Your presentation board should be setup in the following format.



SCIENCE INQUIRY PROJECT GUIDE

Wondering:

Background Knowledge on Topic:

SCIENCE RESEARCH QUESTION:

INDEPENDENT VARIABLE: (Identify the one thing you will change in the experiment.)

DEPENDENT VARIABLE: (Identify what you will be measuring (metric) and identify the tool(s) used.)

CONTROL GROUP: (Identify the set of trials under normal conditions.)

SET-UP CONDITIONS/CONSTANTS:
(List all materials and procedures that will remain constant to ensure fair testing.)

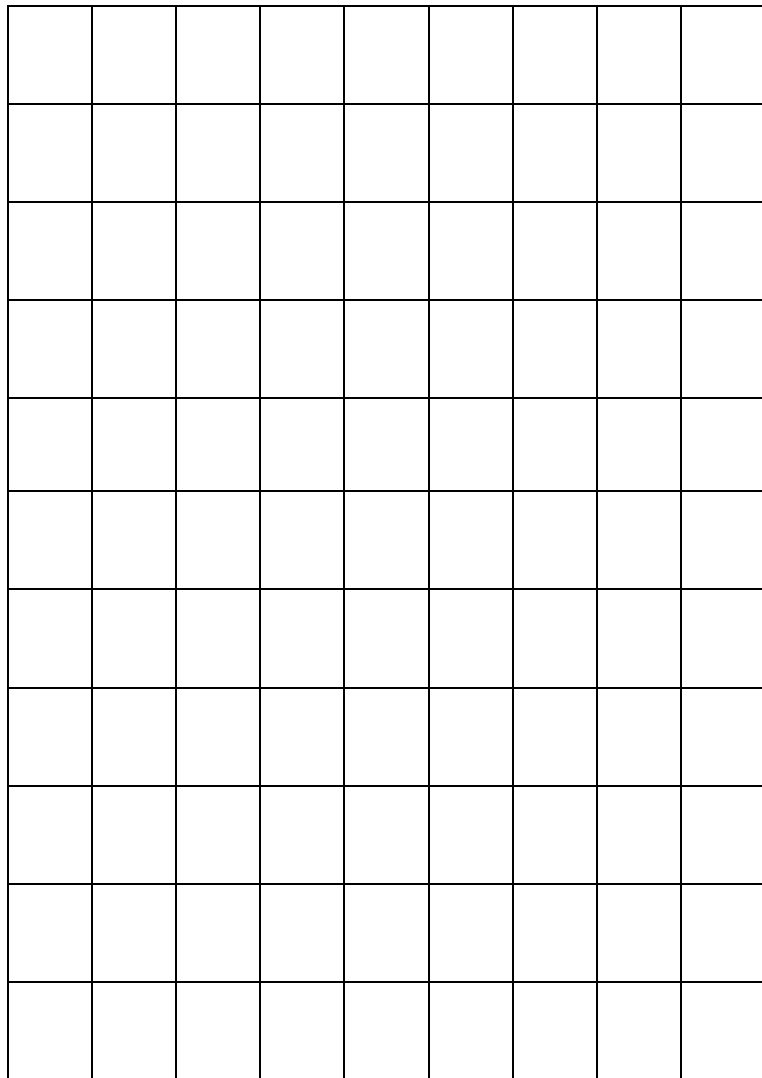
RESULT STATEMENTS: (Mathematical statements based on your analysis of the data collection/graph. Provide at least three statements.)

EXPERIMENT EXPLANATION: (Explain whether or not your data supports, or fails to support your identified prediction. Explain why, including scientific facts and details!)

GRAPH: (A mathematical picture of the data, using averages to plot data in the experiment.

Remember to label the graph.)

Title: _____



PREDICTIONS: (List 3 Possible Outcomes – increase, decrease, no effect). Circle the prediction that you think will **MOST LIKELY** occur.

1.) _____

2.) _____

3.) _____

MATERIALS: (List all materials that will be used including size, quantity, and descriptions such that others could duplicate your experiment.)

EXPERIMENT DIRECTIONS: (List step by step procedures in the exact order it was done.)

DATA COLLECTION: (Data is usually represented in a chart form. Do 10 trials and use metric measurements.)

Items Tested	Control Group :		
Trial 1			
Trial 2			
Trial 3			
Trial 4			
Trial 5			
Trial 6			
Trial 7			
Trial 8			
Trial 9			
Trial 10			
Average			