

Well-Designed Investigation Planning Board

Title of investigation:

Person(s) responsible:

Comments:

Testable Question: A question that can be answered through an investigation, the answer is unknown, and it will increase the understanding of science.

Materials: A list of all materials necessary to conduct the investigation.

Directions: A logical set of steps to follow to complete the investigation.

Independent variable: One thing the investigator chooses to change to test to see what happens.

Criterion variable: The things in an investigation(s) that are kept the same.

Data collection: plan for data table to record results.

Repeated or multiple trials: Plan for repeating the investigations to collect data for comparisons.

Hypothesis: A prediction that tells what would happen if one variable is changed and an explanation is given based on prior scientific knowledge. (If, then, because)

Form created based on a handout from Jody Guarino
Differentiated Instruction in Math