

Name: _____ Date: _____ Block: _____

Name of Lab: _____

Identify the independent and dependent variable for this investigation:

IV- _____

DV- _____

What is the question or problem that is being investigated?

Write an appropriate testable hypothesis for this investigation.

What would be the control in this experiment and why is it important?

Identify two factors that should be held constant for this investigation.

Why is it important to keep all variables constant with the exception of the one being tested?

Identify three pieces of laboratory equipment necessary to conduct this investigation.

List a 3-step procedure that would make this a valid (fair) investigation.

Construct a data chart for this investigation. Do not forget to include units for all numbers.

Construct a graph from the data above:

Write a possible conclusion statement for this investigation.

What could you do different to improve this investigation? Explain what you would do.