

The Parts of the Scientific Method

Problem

(what is being tested?)

Hypothesis

(what do you think will be the outcome of the tests?)

If (indep. variable)

is (increased, decreased, stay same)

then (dep. variable)

will (increase, decrease, stay same).

If _____

is _____

then _____

will _____.

Experiment

(state the proper set up for testing the hypothesis)

Dependent Variable

(what the experiment is about / what is being measured?)

Independent Variable

(what factor caused the dependent variable to change?)

Control Group

(which group doesn't get exposed to the indep. var?)

Constants

(What things stayed the same throughout the experiment?)