

Testable Question (can be answered with a claim based on evidence from a scientific experiment)

How will changing _____
independent variable (what I manipulate – **cause**)
affect _____?
dependent variable (what I measure as the outcome – **effect**)

Multiple Hypotheses (consider every possible claim you might be able to make once you collect data)

Hypothesis/Predication A: Direct Relationship
Increasing the _____
independent variable
will increase the _____.
dependent variable

Hypothesis/Predication B: Indirect Relationship
Increasing the _____
independent variable
will decrease the _____.
dependent variable

Hypothesis/Predication C: No Relationship
Increasing the _____
independent variable
will not change the _____.
dependent variable

Data Prediction for Each Hypothesis

