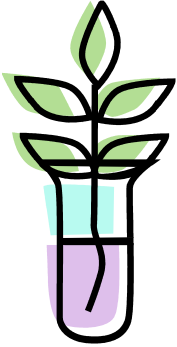


Independent Investigation

The Hypothesis

Name _____

Date _____ Class _____



IMPORTANT NOTE:

> A good hypothesis is clear, easy to understand and answers the question that you are investigating.

> A good hypothesis will be written in the form of

“If _____ (what you will do), then _____ (what will happen).”

Example: *If a plant is watered with sugar water and another plant with regular water, then the plant that gets the sugar water will grow taller than the plant that gets the water without sugar.*

Your hypothesis must include the *independent* and *dependent* variables that you used when you wrote the question that you are investigating. *Refer back to your question page and record the information below:*

What is the question that you are investigating?

Write the **independent** variable that you used in the question: *(That is the thing that you are going to change in your experiment)*

Write the **dependent** variable that you used in your question: *(That is the thing that you are going to observe or measure in your experiment)*

Now write your hypothesis in the “If – then” form using the two variables that you listed from the front of this worksheet.

(write the independent variable) **If** _____

(write the dependent variable) **then** _____
