

Worksheet One --- Topic

State the Topic in the form of a question

Ask a very specific question about the problem you wish to investigate in terms of independent and dependent variables.

Variables are conditions of the experiment that are either kept the same, changed, or are the measure of change. A **variable** is anything that can affect the outcome of an experiment.

-The **independent** or **manipulated variable** is the variable that is changed on purpose by the experimenter and tested.

-The **dependent** or **responding variable** is the variable that is being observed, which changes in response to the independent/manipulated variable.

-**Constant Variables** are conditions of the experiment that are kept the same.

Name(s) _____

Topic:

Patent/Guardian Signature:

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Date Received: _____

Approved: Yes / No

Next Step: Revise topic and re-submit (or) Work to complete Purpose/Hypothesis

Comments:
