

Chapter 1

_____:

Science that deals with the materials of the universe and the changes that these materials undergo.

Scientific Method:

Observation:

Hypothesis:

Experiment:

Requirements for a valid experiment:

-The control group is the _____ of comparison for _____ or _____ the findings of an experiment.

-The independent variable is the _____ that the _____ changes in the experiment, sometimes called the _____ variable.

-The dependent variable is the variable being _____ or _____ during the experiment, sometimes called the _____ variable.

-When _____, the independent variable is plotted on the _____ and the dependent variable is plotted on the _____.

_____: (model) a set of hypotheses that gives an overall explanation of some part of nature.

Law: