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Experiment - Wikipedia

An experiment usually tests a hypothesis, which is an expectation about how a particular process or phenomenon works. However, an experiment may also aim to answer a "what-if" question, without a specific expectation about what the experiment reveals, or to confirm prior results.

EXPERIMENT Definition & Meaning - Merriam-Webster

: an operation or procedure carried out under controlled conditions in order to discover an unknown effect or law, to test or establish a hypothesis, or to illustrate a known law. Noun Students will carry out simple laboratory experiments. They did some experiments with magnets.

Experiment Definition & Meaning | Britannica Dictionary

EXPERIMENT meaning: 1 : a scientific test in which you perform a series of actions and carefully observe their effects in order to learn about something; 2 : something that is done as a test something that you do to see how well or how badly it works

EXPERIMENT | definition in the Cambridge English Dictionary

EXPERIMENT meaning: 1. a test done in order to learn something or to discover if something works or is true: 2. to try.... Learn more.

Experiment Definition in Science - What Is a Science Experiment?

By definition, an experiment is a procedure that tests a hypothesis. A hypothesis, in turn, is a prediction of cause and effect or the predicted outcome of changing one factor of a situation.

Experiment - definition of experiment by The Free Dictionary

experiment n 1. a test or investigation, esp one planned to provide evidence for or against a hypothesis: a scientific experiment 2. the act of conducting such an investigation or test; experimentation; research

EXPERIMENT definition and meaning | Collins English Dictionary

An experiment is the trying out of a new idea or method in order to see what it is like and what effects it has. As an experiment, we bought Ted a watch. ...the country's five year experiment in

democracy. She needs plenty of room for experiment in her life.

The Basics of an Experiment - ThoughtCo

In its simplest form, an experiment is simply the test of a hypothesis. A hypothesis, in turn, is a proposed relationship or explanation of phenomena. The experiment is the foundation of the scientific method, which is a systematic means of exploring the world around you.

What is an Experiment? -stattrek.com

In an experiment, a researcher manipulates one or more variables, while holding all other variables constant. By noting how the manipulated variables affect a response variable, the researcher can test whether a causal relationship exists between the manipulated variables and the response variable.

EXPERIMENT Definition & Meaning | Dictionary.com

EXPERIMENT definition: a test, trial, or tentative procedure; an act or operation for the purpose of discovering something unknown or of testing a principle, supposition, etc.. See examples of experiment used in a sentence.