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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

Examples of experiment in a Sentence Noun Students will carry out simple laboratory experiments. They did some experiments with magnets. These theories have not yet been confirmed by experiment. an experiment in living more frugally the city's experiment with a longer school year

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.

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 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 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 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.

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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.

The Basics of an Experiment - ThoughtCo

An experiment is a procedure designed to test a hypothesis as part of the scientific method. The two key variables in any experiment are the independent and dependent variables. The independent variable is controlled or changed to test its effects on the dependent variable.