

Scientific Hypothesis

A hypothesis (from Greek ὑπόθεσις; plural hypotheses) is a proposed explanation for an observable phenomenon. The term derives from the Greek, ὑποτιθέναι – *hypotithenai* meaning "to put under" or "to suppose."

For a hypothesis to be put forward as a **scientific hypothesis**, the scientific method requires that one can test it. Scientists generally base scientific hypotheses on previous observations that cannot satisfactorily be explained with the available scientific theories.

*Having a clean hypothesis
is essential.*

define:hypothesis - Google Search

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Definitions of hypothesis on the Web:

- a proposal intended to explain certain facts or observations
- a tentative insight into the natural world; a concept that is not yet verified but that if true would explain certain facts or phenomena; "a scientific hypothesis that survives experimental testing becomes a scientific theory"; "he proposed a fresh theory of alkalis that later was accepted in ...
- guess: a message expressing an opinion based on incomplete evidence
wordnetweb.princeton.edu/perl/webwn
- A hypothesis (from Greek ὑπόθεσις; plural hypotheses) is a proposed explanation for an observable phenomenon. The term derives from the Greek, ὑποτιθέναι – hypotithenai meaning "to put under" or "to suppose. ...
en.wikipedia.org/wiki/Hypothesis
- Hypothesis is a 1978 album by the Greek artist Vangelis. In May 1971 Vangelis had played several sessions in London's Marquee Studios, joined for some of them by violinist Michel Ripoche, bass guitarist Brian Odgers (called Odger on the sleeve) and drummer Tony Oxley, the rhythm section of the ...
[en.wikipedia.org/wiki/Hypothesis_\(album\)](http://en.wikipedia.org/wiki/Hypothesis_(album))
- A tentative conjecture explaining an observation, phenomenon or scientific problem that can be tested by further observation, investigation and/or experimentation; An assumption taken to be true for the purpose of argument or investigation; The antecedent of a conditional statement
en.wiktionary.org/wiki/hypothesis
- a hypothetical possibility, circumstance, statement, proposal, situation, etc.; "consider the following, just as a hypothetical"
- hypothetical - conjectural: based primarily on surmise rather than adequate evidence; "theories about the extinction of dinosaurs are still highly conjectural"; "the supposed reason for his absence"; "suppositious reconstructions of dead languages"; "hypothetical situation"
wordnetweb.princeton.edu/perl/webwn
- Hypothetical is the fifth studio album by British progressive metal band Threshold. The album was released on March 20, 2001 (see 2001 in music). This is the first album to feature current drummer Johanne James, who had previously played with the band on tour.
[en.wikipedia.org/wiki/Hypothetical_\(album\)](http://en.wikipedia.org/wiki/Hypothetical_(album))
- a possible explanation of an experiment's results.
quest.nasa.gov/projects/flies/vocab.html
- A prediction which needs to be tested to tell if it is correct. An engineer can offer the hypothesis that a particular wing shape will not create enough lift to enable an airplane to fly. ...
www.spaceday.org/index.php/Glossary-of-Aeronautics-Terms.html
- A tentative and testable guess or premise.
www.digonsite.com/glossary/hm.html
- A scientific idea about how something works, before the idea has been tested. Scientists do experiments to test a hypothesis and see if the hypothesis is correct.
www.lillytrials.com/docs/terminology.html