

The Scientific Method

Scientific Method

(1) Review of Literature (what is already known?)

(2) Theory --> Model (to test)

(3) Hypothesis (to test)

(4) Gather Evidence (to prove hypothesis true/false)

- (A.1) Observation with Eye
- (A.2) Observation with Technology
- (B) Case Study
- (C) Experiment

(5) Analysis of Data

- (A) Categorize & Organize Data
- (B) Logical Analysis
- (C) Statistical Analysis

(6) Criticize Data, Hypothesis, Theory

- (A) Criticize your own study
- (B) "Critical Community" of scholars

Correspondence Theory of Truth

