I. Scientific Inquiry
    a. Pose questions
    b. Define a problem
    c. Use reference materials
    d. Develop a hypothesis
        a. Test the hypothesis by designing an experiment that follows reliable scientific principles.
            i. Objective & repeatable
        b. Variables
            i. Controlling
            ii. Independent
            iii. Dependent

e. Experiment
    a. Controlled
    b. Bias
f. Collect and Interpret Data
g. Draw conclusions
    a. Repeated trials
h. Share you experiment results
    a. replication

II. Scientific Explanation

a. A generalization that makes sense of observations by using logical reasoning.

A law states a scientific fact. A law is a precept in nature and a theory attempts to explain the precept.