

Analysis	Examination of data produced during an experiment.
Conclusion	A summary of the important parts of your experiment and a discussion of what the data mean.
Control	A part of the experiment that is not being tested (remains constant) and is used for comparison.
Data	Any pieces of information obtained through experimentation and/or observation.
Dependent Variable	The variable that is measured and tested in an experiment.
Experiment	A test under controlled conditions that is made to demonstrate a known truth or examine the validity of a hypothesis.
Hypothesis	A tentative explanation that accounts for a set of facts and can be tested by further investigation.
Independent Variable	A variable changed by the scientist; what the scientist is testing.
Observation	The act of noting and recording information.
Problem	A testable question to be considered, solved, or answered.

Research	Investigation to establish facts and reach new conclusions.
Science	The systematic study of the physical and natural world through observation and experimentation.
Scientific Method	A series of steps that scientists use to answer questions and solve problems.
Variable	Anything that can be changed in an experiment that could affect the results of the investigation.