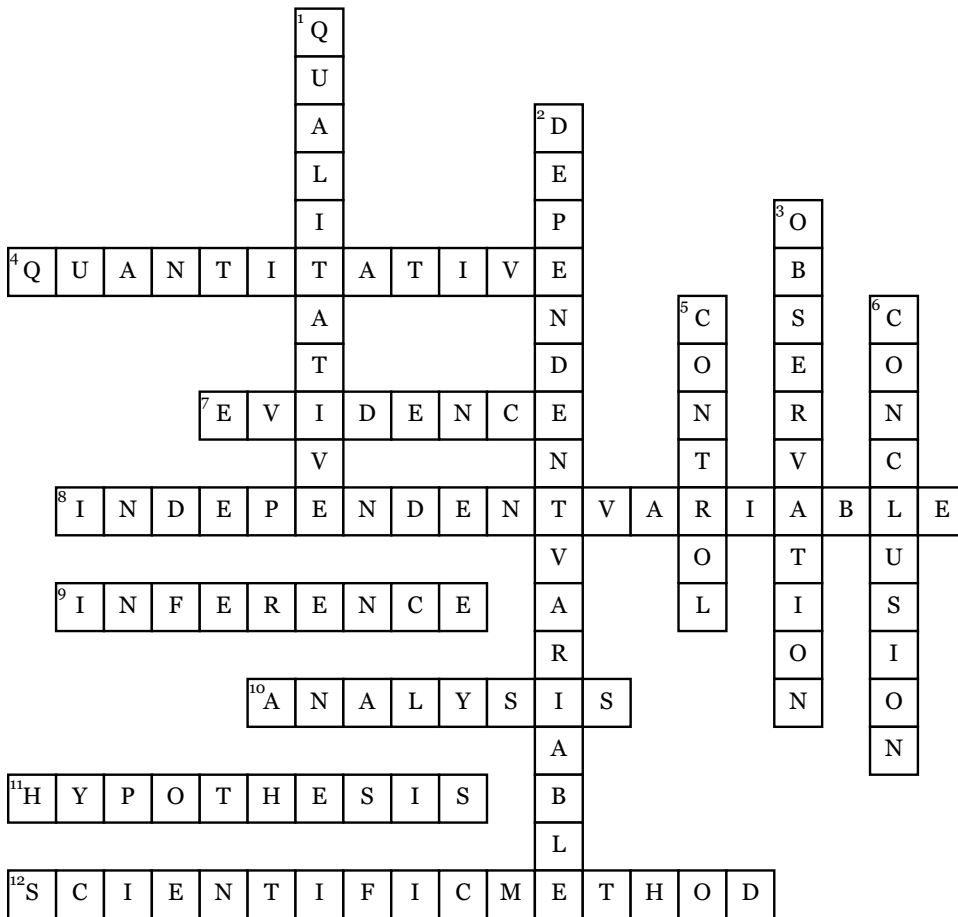


Nature Of Science



Across

- 4.** of, relating to, or expressible in terms of quantity
- 7.** which serves to either support or counter a scientific theory or hypothesis.
- 8.** variables that the experimenter changes
- 9.** An (blank) is a logical interpretation based on what scientists observe.
- 10.** "a method of investigation involving observation and theory to test scientific hypotheses."

- 11.** an idea or explanation that you then test through study and experimentation.
- 12.** consisting in systematic observation, measurement, and experiment, and the formulation, testing, and modification of hypotheses.

Down

- 1.** researcher subjectively gathers information that focuses more on the differences in quality than the differences in quantity,

- 2.** variable being tested in a scientific experiment
- 3.** In science, (blank) can also involve the recording of data via the use of instruments
- 5.** is an experiment or observation designed to minimize the effects of variables other than the independent variable.
- 6.** final process of the basic scientific method