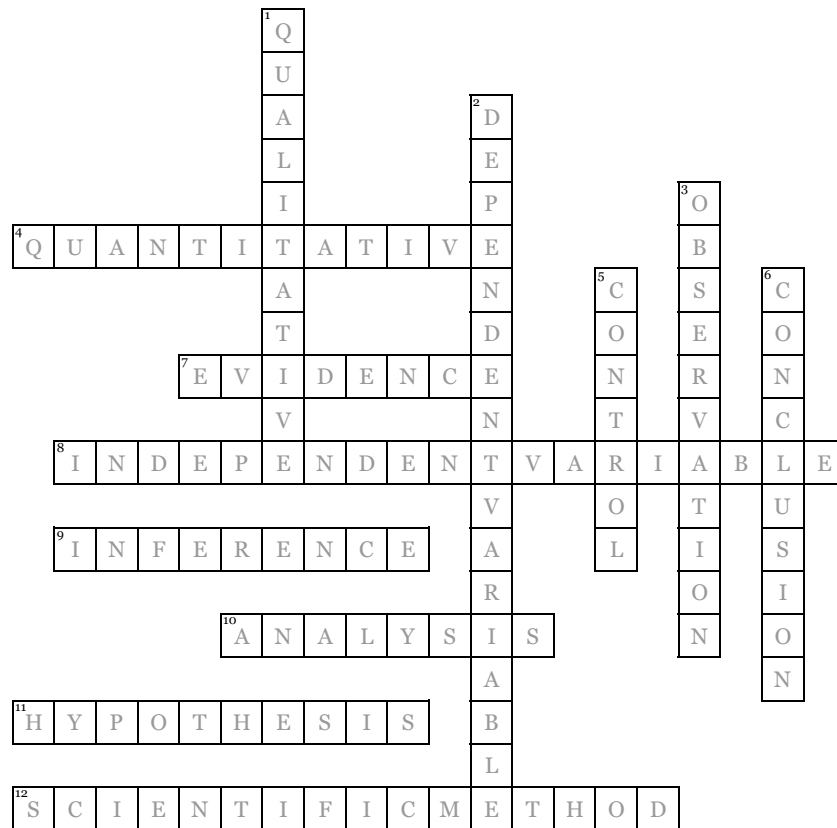


Nature Of Science



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