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**Scientific Method Crossword Puzzle**



**Across**

1. Anything that can be changed or controlled in an experiment, and/or any changes that occur because of something that did change
2. The study of natural phenomena
3. An educated guess based on observation

6. The first step of the scientific method is to have one of these

8. Results are based on repeatable observations and/or explanations

10. Scientists use their data to make charts and what to communicate the results of an experiment?

1. Theories are subject to revision and correction, even to the point of the entire theory being proven wrong
2. Can be used as principles of explanation and prediction for a group of phenomenon

**Down**

2. After scientists make a hypothesis, they perform what to collect data?

5. Scientists write this after an experiment to summarize it and its results

7. The natural cause of the event must be

1. This kind of variable is the part of the experiment that is affected by the independent variable
2. Is the part of an experiment that is not being tested and is used for comparison
3. At the time that it is made, no exceptions have ever been found to this