**Scientific Method Crossword Puzzle Key**

**Across**

1. **Variable** –anything that can be changed or controlled in an experiment, and/or any changesthat occur because of something that did change
2. **Science** –the study of natural phenomena
3. **Hypothesis** –an educated guess, based on observation

6. **Question** –the first step of the scientific method is to have one of these

8. **Consistent** –results are based on repeatable observations and/or explanations

1. **Graphs** –scientists use their data to make charts and what to communicate the results of anexperiment
2. **Tentative** –theories are subject to revision and correction, even to the point of the entiretheory being proven wrong
3. **Theory** –can be used as principles of explanation and prediction for a group ofphenomenon

**Down**

2. **Experiment** –after the scientist makes a hypothesis, they perform a what to collect data

5. **Conclusion** –scientists write this after an experiment to summarize it and its results

7. **Testable** –the natural cause of the event must be

9. **Dependent** –this kind of variable is the part of the experiment that is affected by theindependent variable

1. **Control** –is the part of an experiment that is not being tested and is used for comparison
2. **Law** –at the time that it is made, no exceptions have ever been found in this