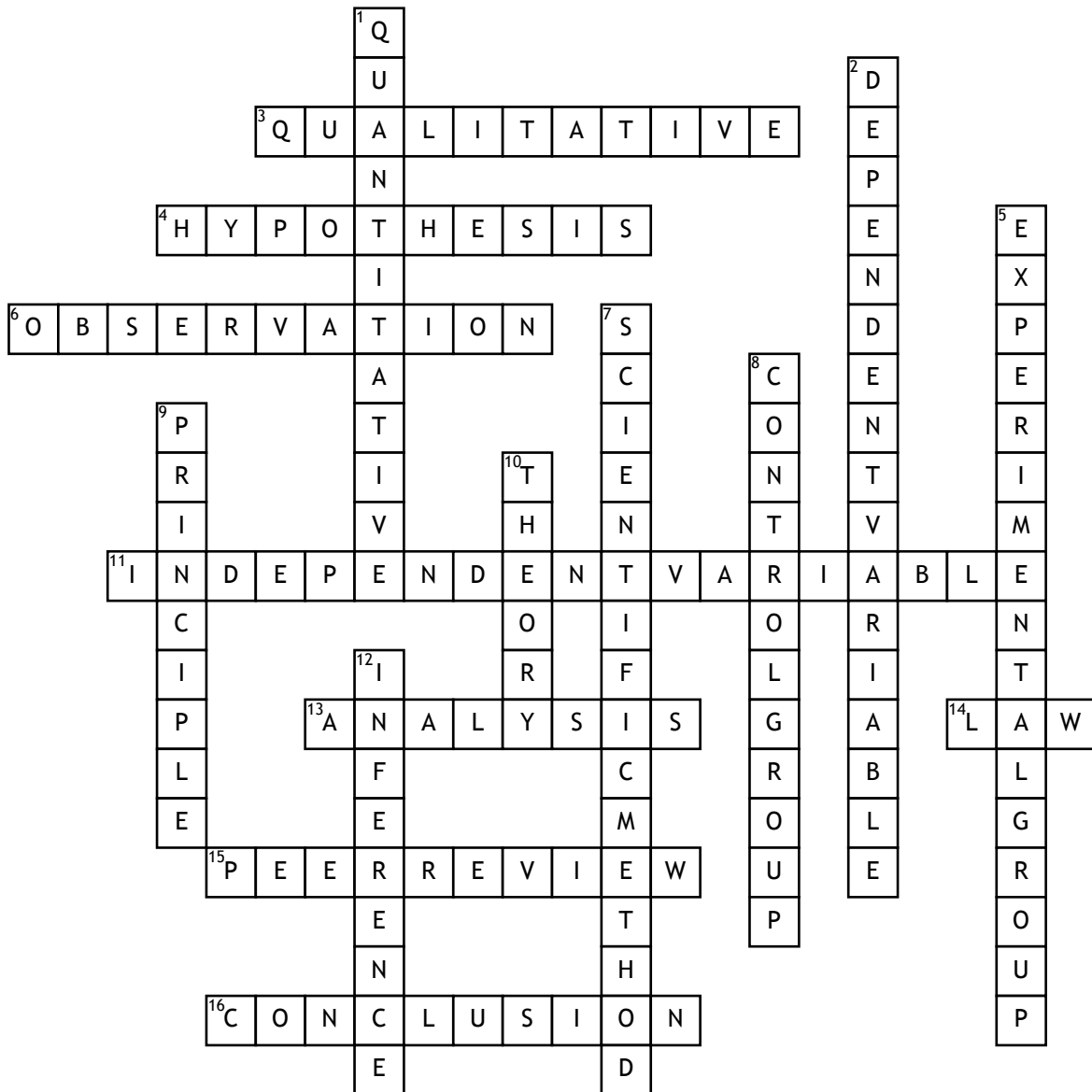


# Scientific Inquiry Crossword



**Across**

- 3. Data describing observations through subjective values is \_\_\_\_\_.
- 4. A \_\_\_\_\_ is a prediction of what you believe will occur in your experiment formatted as a specific "if... then..." statement.
- 6. An \_\_\_\_\_ is a statement based on the senses such as taste, smell, or sight.
- 11. The \_\_\_\_\_ is changed during an experiment and is represented by the x axis on a graph.
- 13. An \_\_\_\_\_ is a written explanation of the data shown in graphs.
- 14. A \_\_\_\_\_ is a statement based on repeated experimental observations that describes some aspect of the universe.

- 15. \_\_\_\_\_ is the evaluation of scientific, academic, or professional work by others working in the same field.
  - 16. A \_\_\_\_\_ is a written statement explaining the data analysis and whether the results support the hypothesis or not.
- Down**
- 1. Data describing observations through specific measurements is \_\_\_\_\_.
  - 2. The \_\_\_\_\_ is measured during an experiment and is represented by the y axis on a graph.
  - 5. In an experiment, the \_\_\_\_\_ contains the independent and dependent variables.

- 7. The \_\_\_\_\_ is a set of steps that scientists use to collect information and answer questions.
- 8. In an experiment, the \_\_\_\_\_ is observed under normal circumstances.
- 9. A \_\_\_\_\_ is a statement based on repeated experimental observations that describes some aspect of the universe.
- 10. A \_\_\_\_\_ is the best explanation for a natural phenomena that has been repeatedly tested and confirmed through observation and experimentation.
- 12. An \_\_\_\_\_ is a conclusion based on observations.