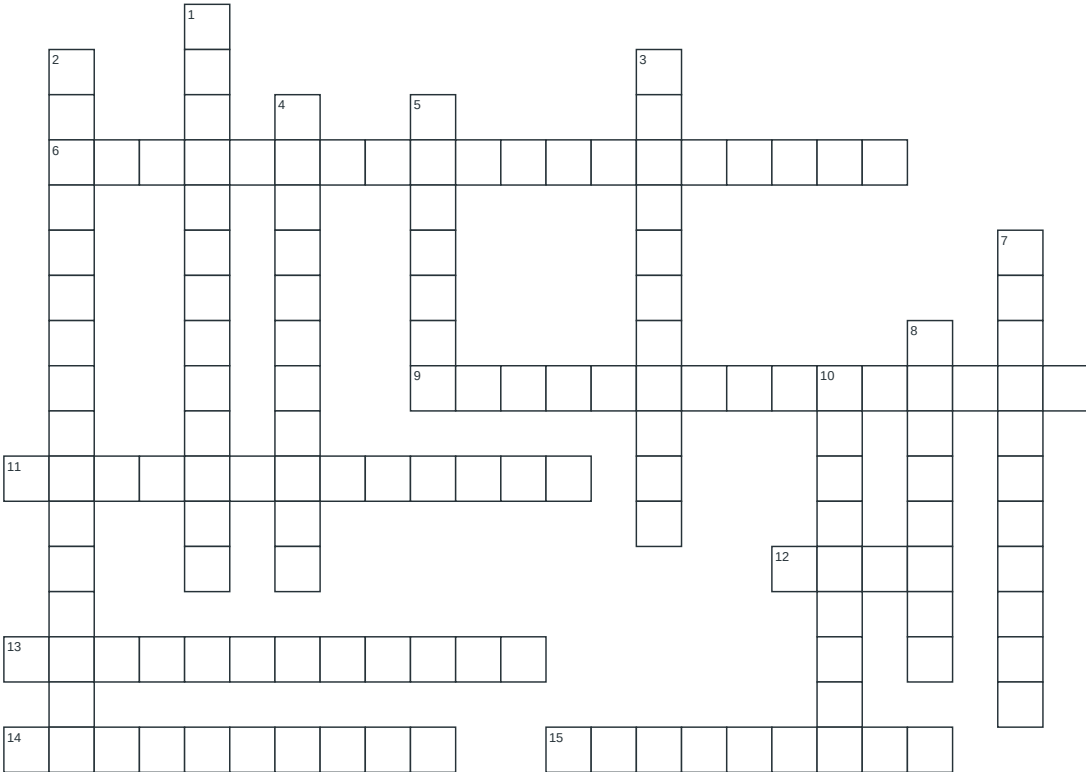


Scientific Investigations Crossword

Medium | 15 clues | Student Worksheet

Name: _____ Date: _____

Directions: Use the clues to complete the grid. Omit spaces, punctuation, and hyphens.



ACROSS

- 6. Factor deliberately changed by the investigator.
- 9. A representation used to study or explain a system
- 11. Description of a consistently observed pattern in nature
- 12. Recorded observations and measurements from an investigation.
- 13. Comparison group that does not receive the tested treatment.
- 14. Evidence could support or challenge it
- 15. Conclusion drawn from observations and evidence

DOWN

- 1. Examines conditions without deliberately assigning a treatment
- 2. Broad explanation supported by substantial evidence
- 3. Relationship in which variables change together; alone it does not prove cause.
- 4. Repeating a study or its methods to check findings
- 5. Section usually explains how data were collected
- 7. Information gathered with senses or scientific instruments
- 8. Condition kept the same across comparison groups.
- 10. Relationship in which a change in one factor produces a change in another.

Scientific Investigations Crossword

Medium | 15 clues | Teacher Answer Key

TEACHER ANSWER KEY

Completed grid and numbered answers. Spaces and punctuation are omitted in the grid.



ACROSS

6. Independent Variable
9. Scientific Model
11. Scientific Law
12. Data
13. Control Group
14. Hypothesis
15. Inference

DOWN

1. Observational
2. Scientific Theory
3. Correlation
4. Replication
5. Methods
7. Observation
8. Constant
10. Causation