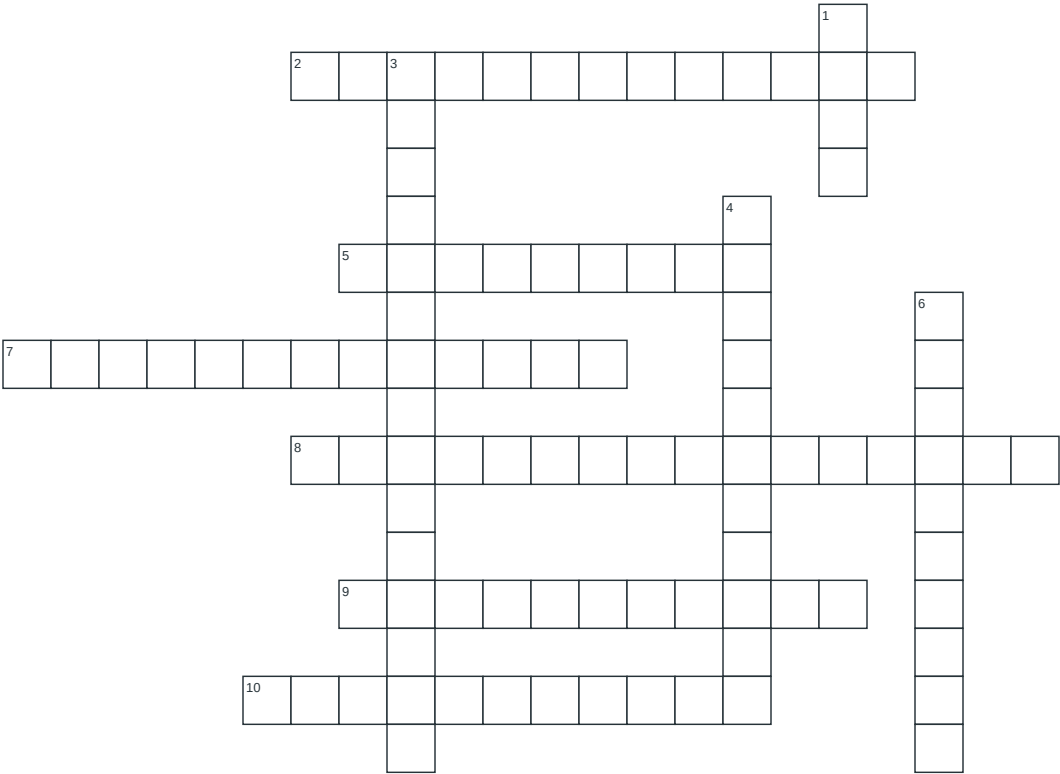


Scientific Investigations Crossword

Easy | 10 clues | Student Worksheet

Name: _____ Date: _____

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



ACROSS

- 2. Examines conditions without deliberately assigning a treatment
- 5. Conclusion drawn from observations and evidence
- 7. Description of a consistently observed pattern in nature
- 8. Broad explanation supported by substantial evidence
- 9. Relationship in which variables change together; alone it does not prove cause.

ACROSS (continued)

- 10. Information gathered with senses or scientific instruments

DOWN

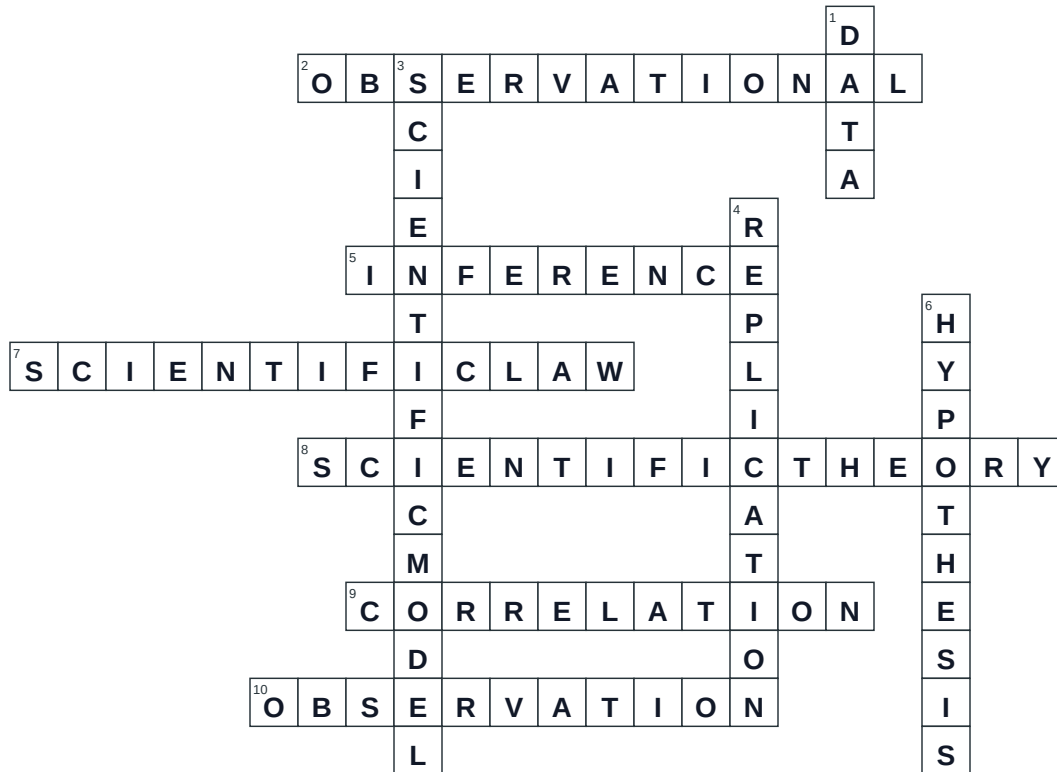
- 1. Recorded observations and measurements from an investigation.
- 3. A representation used to study or explain a system
- 4. Repeating a study or its methods to check findings
- 6. Evidence could support or challenge it

Scientific Investigations Crossword

Easy | 10 clues | Teacher Answer Key

TEACHER ANSWER KEY

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



ACROSS

2. Observational
5. Inference
7. Scientific Law
8. Scientific Theory
9. Correlation
10. Observation

DOWN

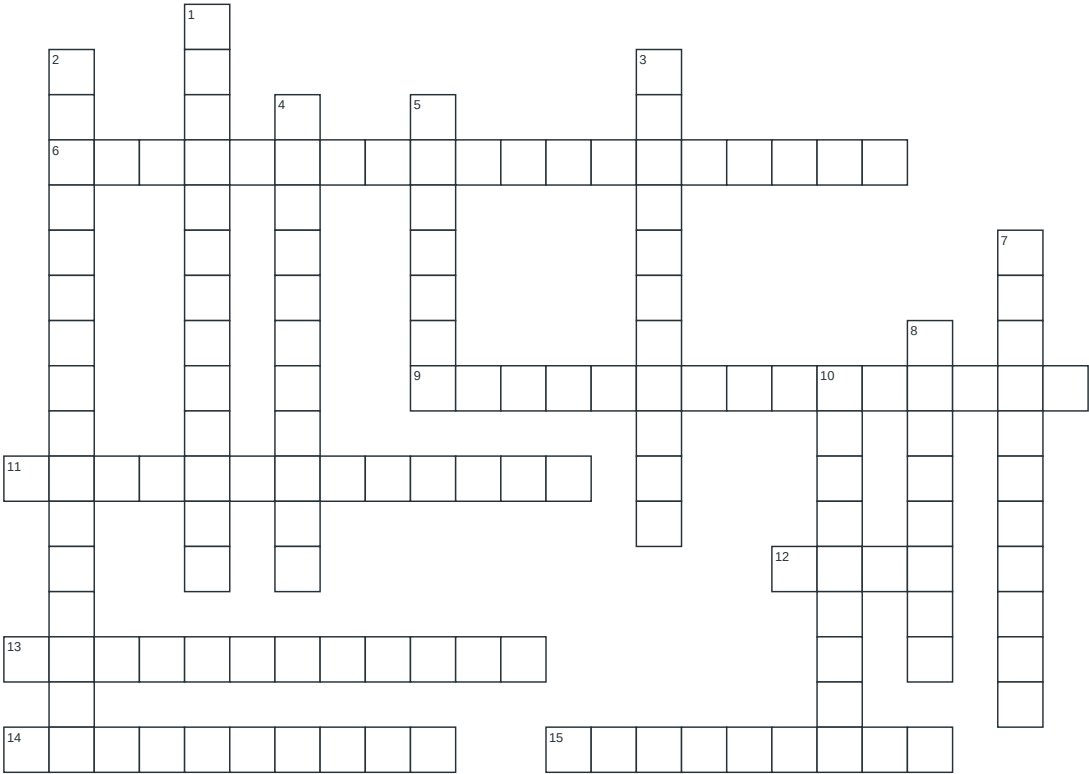
1. Data
3. Scientific Model
4. Replication
6. Hypothesis

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.

Medium | 15 clues | Teacher Answer Key

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



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

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

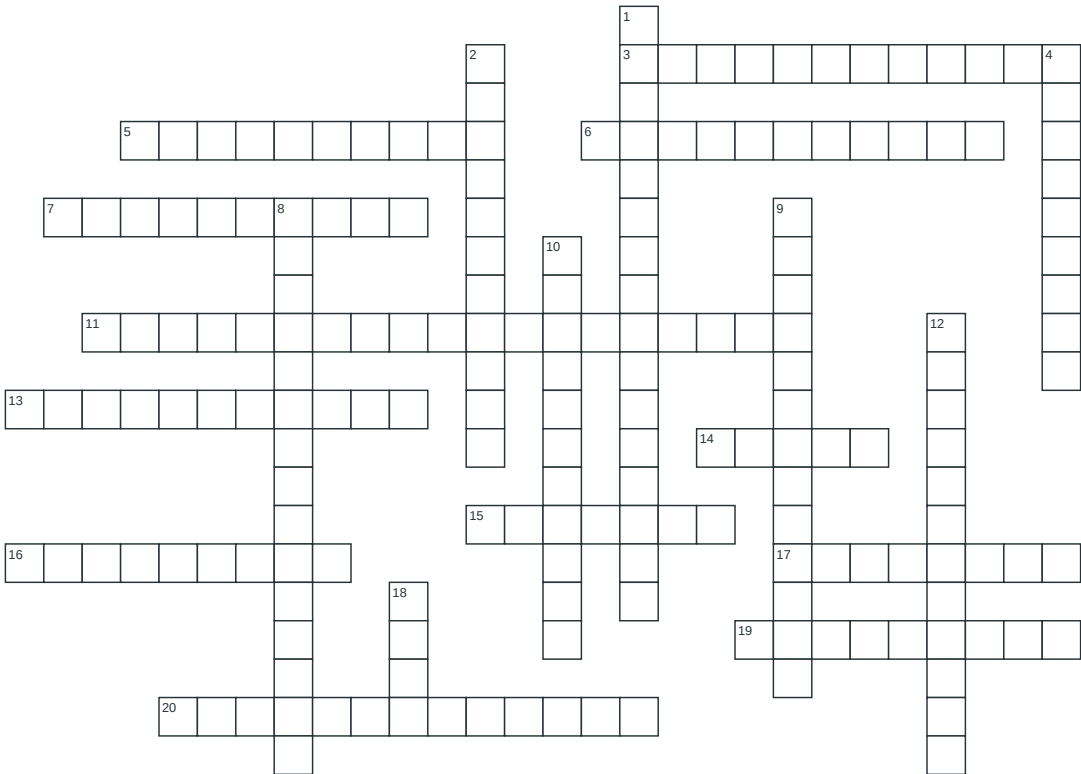
Scientific Investigations Crossword

Hard | 20 clues | Student Worksheet

Name: _____

Date: _____

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



ACROSS

- 3. Comparison group that does not receive the tested treatment.
- 5. Evidence could support or challenge it
- 6. Repeating a study or its methods to check findings
- 7. Number of individuals or observations included in a study.
- 11. Factor deliberately changed by the investigator.
- 13. Relationship in which variables change together; alone it does not prove cause.
- 14. One repetition of an experimental procedure.
- 15. Section usually explains how data were collected
- 16. Conclusion drawn from observations and evidence
- 17. Condition kept the same across comparison groups.
- 19. Relationship in which a change in one factor produces a change in another.

ACROSS (continued)

- 20. Examines conditions without deliberately assigning a treatment

DOWN

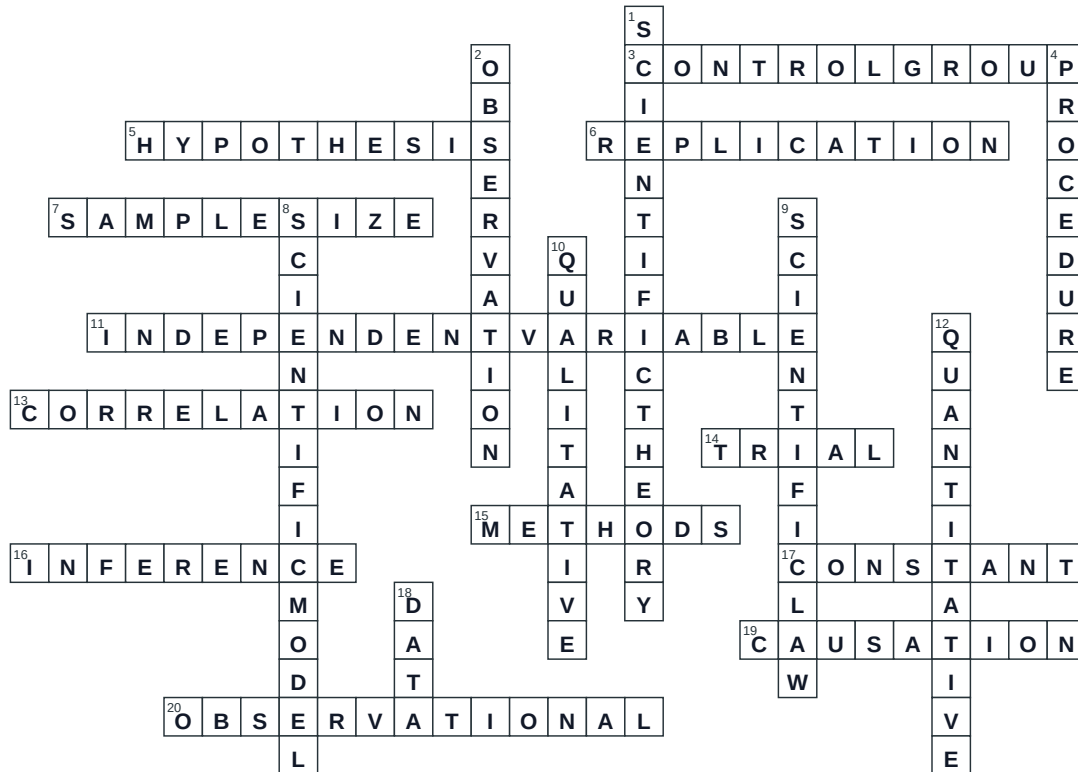
- 1. Broad explanation supported by substantial evidence
- 2. Information gathered with senses or scientific instruments
- 4. Ordered steps used to carry out an investigation.
- 8. A representation used to study or explain a system
- 9. Description of a consistently observed pattern in nature
- 10. Describes observations about qualities rather than numerical amounts.
- 12. Describes data expressed as numbers or measurements.
- 18. Recorded observations and measurements from an investigation.

Scientific Investigations Crossword

Hard | 20 clues | Teacher Answer Key

TEACHER ANSWER KEY

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



ACROSS

3. Control Group
5. Hypothesis
6. Replication
7. Sample size
11. Independent Variable
13. Correlation
14. Trial
15. Methods
16. Inference
17. Constant
19. Causation

ACROSS (continued)

20. Observational
- ### DOWN

1. Scientific Theory
2. Observation
4. Procedure
8. Scientific Model
9. Scientific Law
10. Qualitative
12. Quantitative
18. Data