

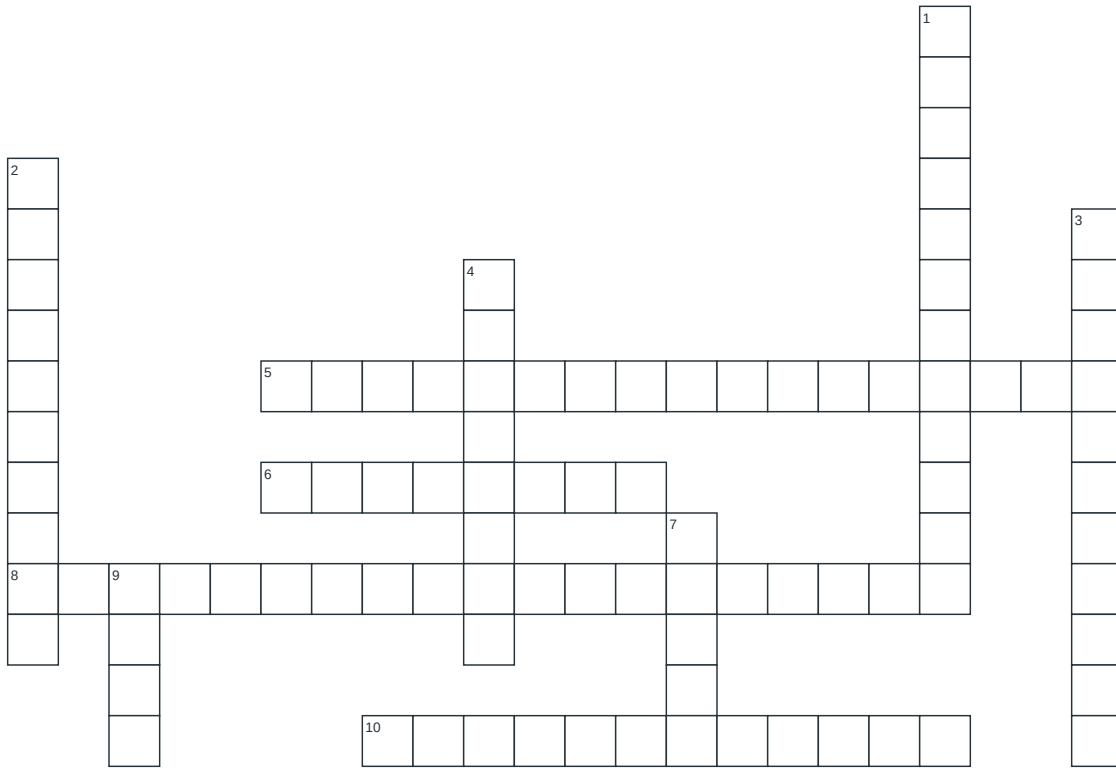
Scientific Method Crossword

Easy | 10 clues | Student Worksheet

Name: _____

Date: _____

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



ACROSS

5. Outcome measured in response to a change.
6. Focused inquiry that can guide a testable investigation.
8. Factor deliberately changed by the investigator.
10. Comparison group that does not receive the tested treatment.

DOWN

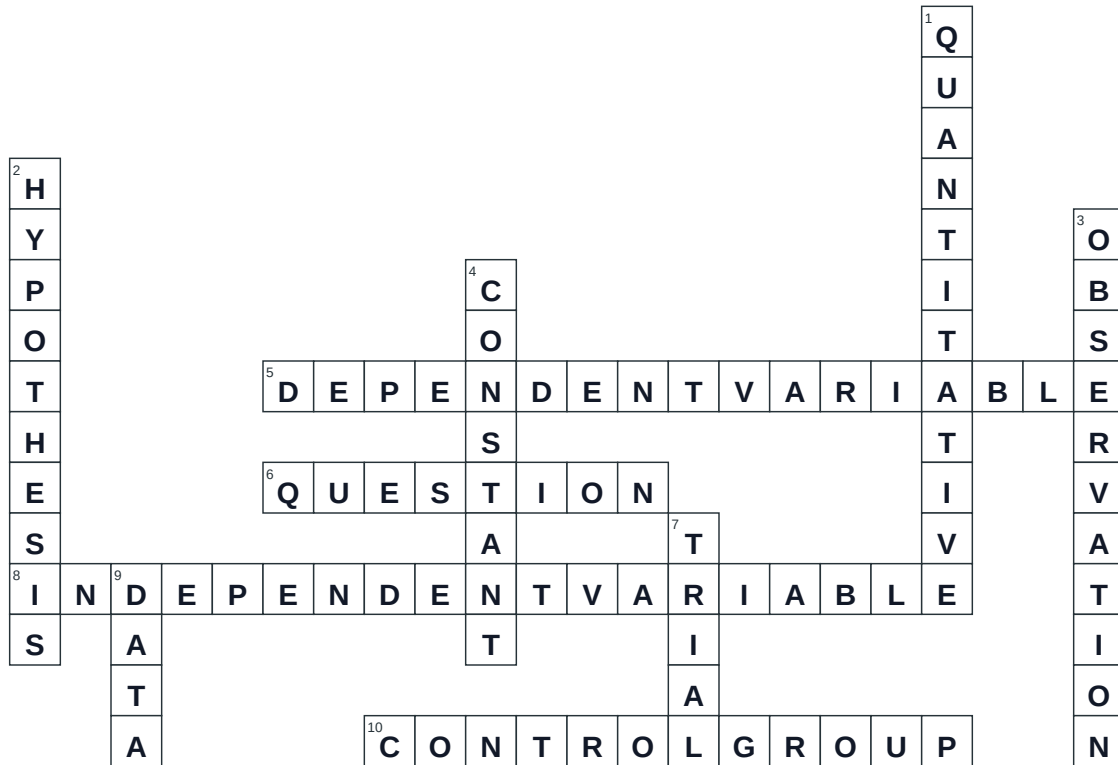
1. Describes data expressed as numbers or measurements.
2. Testable proposed explanation or prediction.
3. Information gathered directly with senses or scientific instruments.
4. Condition kept the same across comparison groups.
7. One repetition of an experimental procedure.
9. Recorded observations and measurements from an investigation.

Scientific Method Crossword

Easy | 10 clues | Teacher Answer Key

TEACHER ANSWER KEY

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



ACROSS

5. Dependent Variable
6. Question
8. Independent Variable
10. Control Group

DOWN

1. Quantitative
2. Hypothesis
3. Observation
4. Constant
7. Trial
9. Data

Scientific Method Crossword

Medium | 15 clues | Student Worksheet

Name: _____

Date: _____

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

[illegible]

ACROSS

1. Number of subjects or observations included in a study.
3. Outcome measured in response to a change.
6. Recorded observations and measurements from an investigation.
8. Information gathered directly with senses or scientific instruments.
10. Repeating an investigation to check whether results are consistent.
11. Condition kept the same across comparison groups.
13. Describes data expressed as numbers or measurements.
14. Factor deliberately changed by the investigator.

ACROSS (continued)

- 15.** Comparison group that does not receive the tested treatment.

DOWN

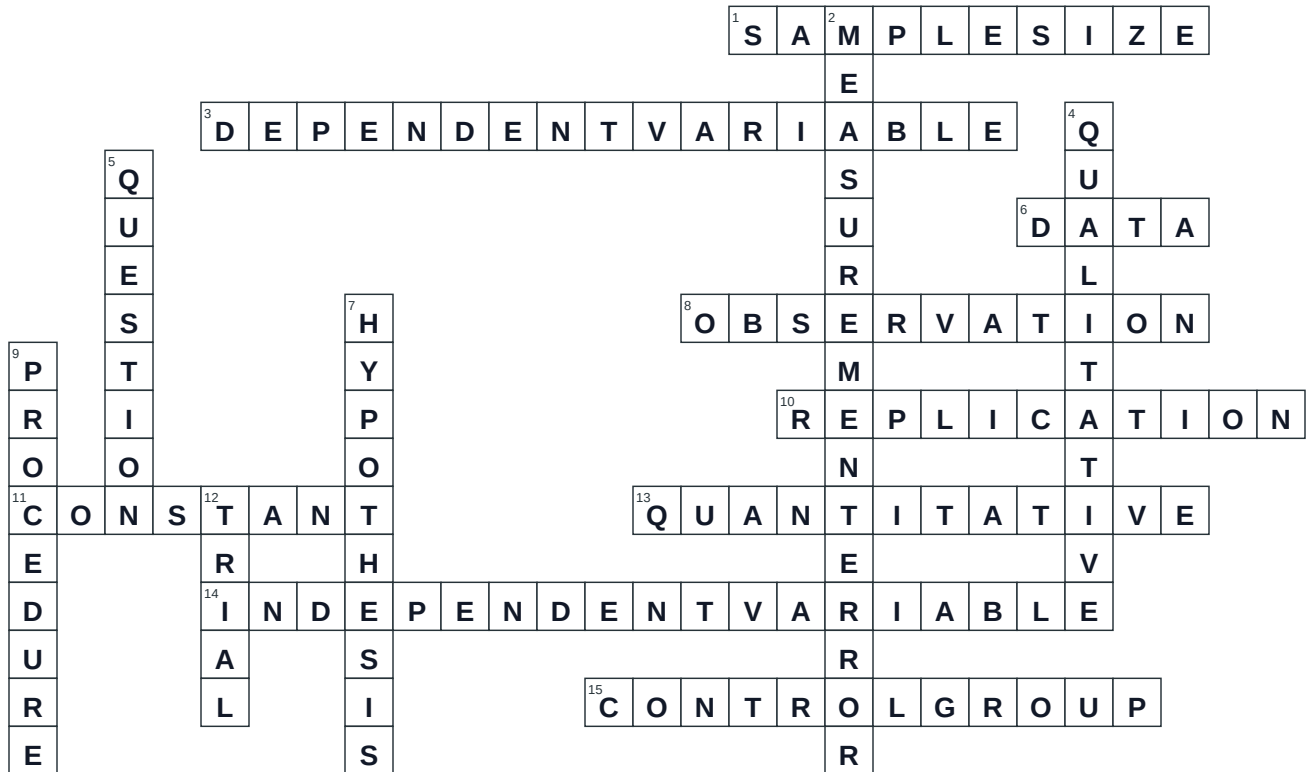
2. Difference between a measured value and the quantity's true value.
4. Describes observations about qualities rather than numerical amounts.
5. Focused inquiry that can guide a testable investigation.
7. Testable proposed explanation or prediction.
9. Ordered steps used to carry out an investigation.
12. One repetition of an experimental procedure.

Scientific Method Crossword

Medium | 15 clues | Teacher Answer Key

TEACHER ANSWER KEY

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



ACROSS

1. Sample Size
3. Dependent Variable
6. Data
8. Observation
10. Replication
11. Constant
13. Quantitative
14. Independent Variable

ACROSS (continued)

15. Control Group

DOWN

2. Measurement Error
4. Qualitative
5. Question
7. Hypothesis
9. Procedure
12. Trial

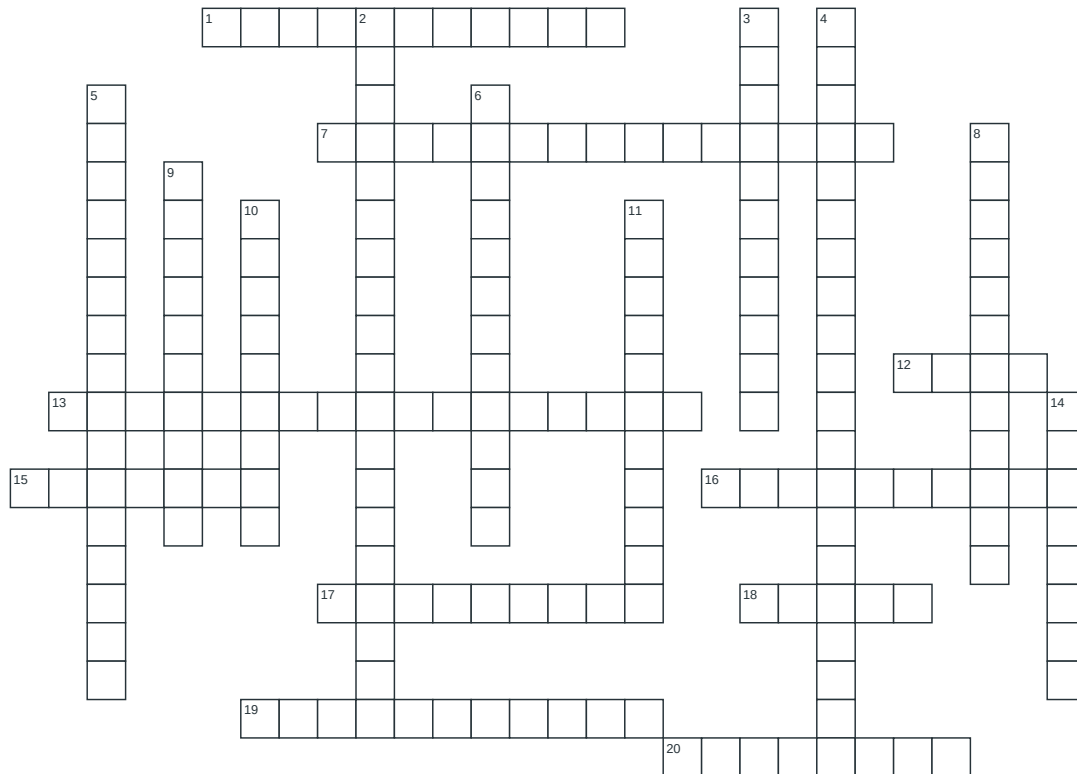
Scientific Method Crossword

Hard | 20 clues | Student Worksheet

Name: _____

Date: _____

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



ACROSS

1. Repeating an investigation to check whether results are consistent.
7. Ability of other investigators to repeat a study using its reported methods.
12. Recorded observations and measurements from an investigation.
13. Outcome measured in response to a change.
15. Result unusually far from the rest of a data set.
16. Number of subjects or observations included in a study.
17. Relationship in which a change in one factor produces a change in another.
18. One repetition of an experimental procedure.
19. Information gathered directly with senses or scientific instruments.
20. Condition kept the same across comparison groups.

DOWN

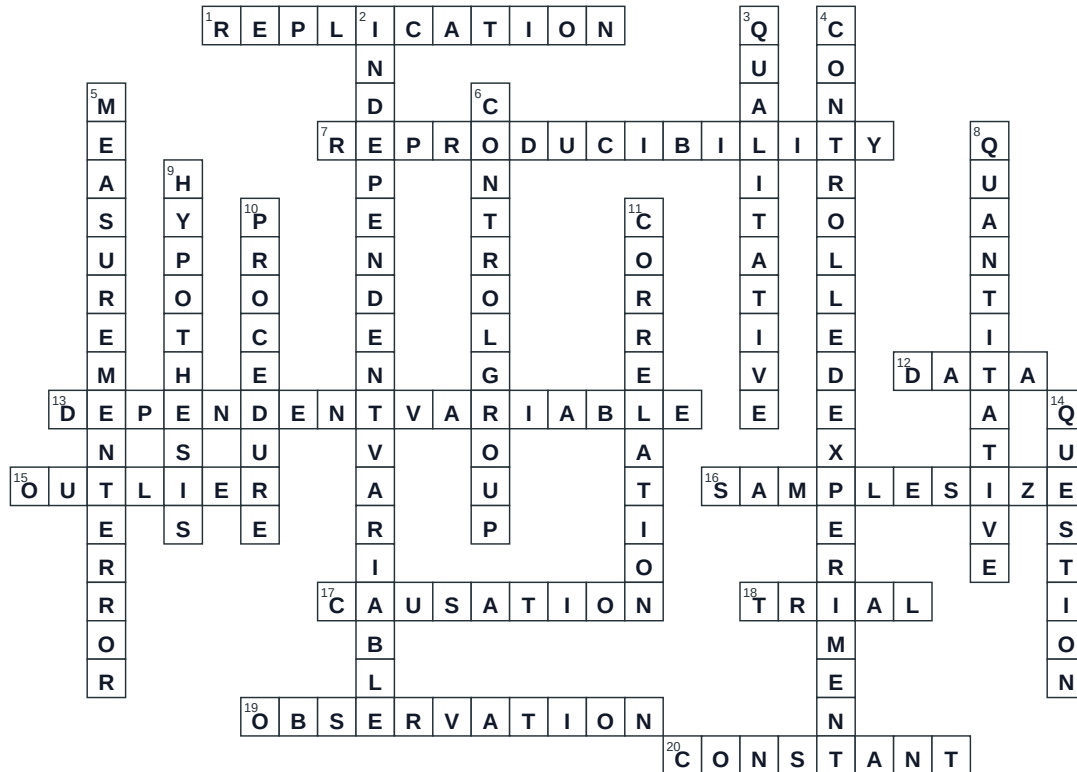
2. Factor deliberately changed by the investigator.
3. Describes observations about qualities rather than numerical amounts.
4. Test that changes one factor while holding other relevant conditions steady.
5. Difference between a measured value and the quantity's true value.
6. Comparison group that does not receive the tested treatment.
8. Describes data expressed as numbers or measurements.
9. Testable proposed explanation or prediction.
10. Ordered steps used to carry out an investigation.
11. Relationship in which variables change together; alone it does not prove cause.
14. Focused inquiry that can guide a testable investigation.

Scientific Method Crossword

Hard | 20 clues | Teacher Answer Key

TEACHER ANSWER KEY

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



ACROSS

1. Replication
7. Reproducibility
12. Data
13. Dependent Variable
15. Outlier
16. Sample Size
17. Causation
18. Trial
19. Observation
20. Constant

DOWN

2. Independent Variable
3. Qualitative
4. Controlled Experiment
5. Measurement Error
6. Control Group
8. Quantitative
9. Hypothesis
10. Procedure
11. Correlation
14. Question