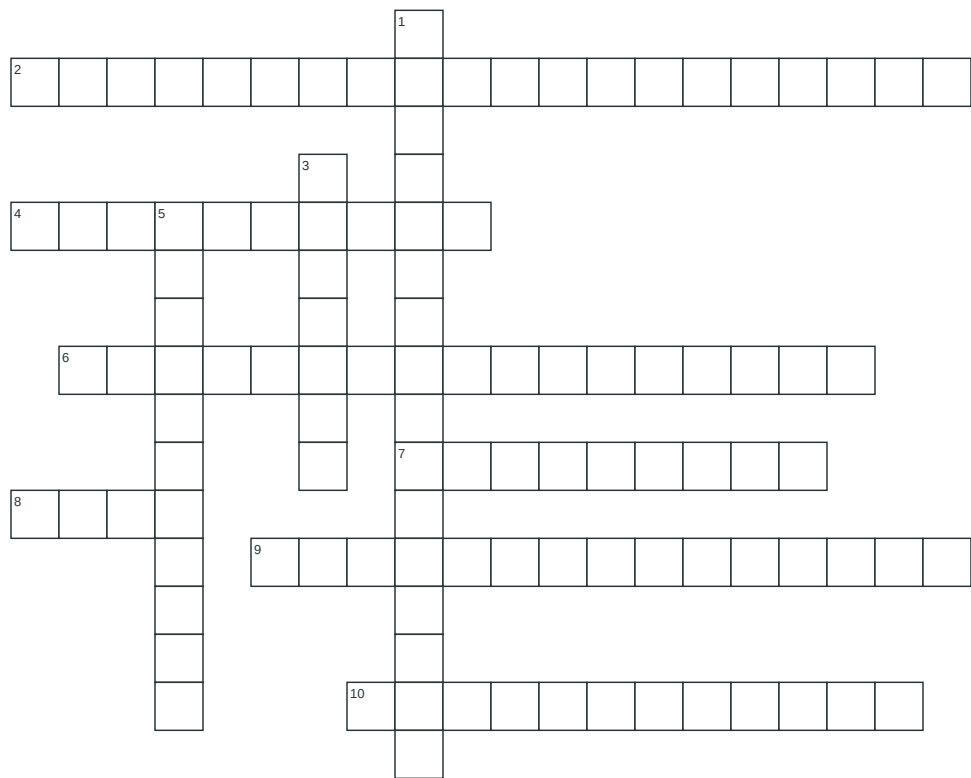


Evidence and Scientific Argument Crossword

Easy | 10 clues | Student Worksheet

Name: _____ Date: _____

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



ACROSS

- 2. A factor restricting what the evidence can support
- 4. Testable proposed explanation or prediction.
- 6. An individual account that may not represent a broader pattern
- 7. Conclusion drawn from observations and evidence.
- 8. Recorded observations and measurements from an investigation.
- 9. An alternative explanation or challenge to a claim

ACROSS (continued)

- 10. The evidence does not measure the claimed growth effect

DOWN

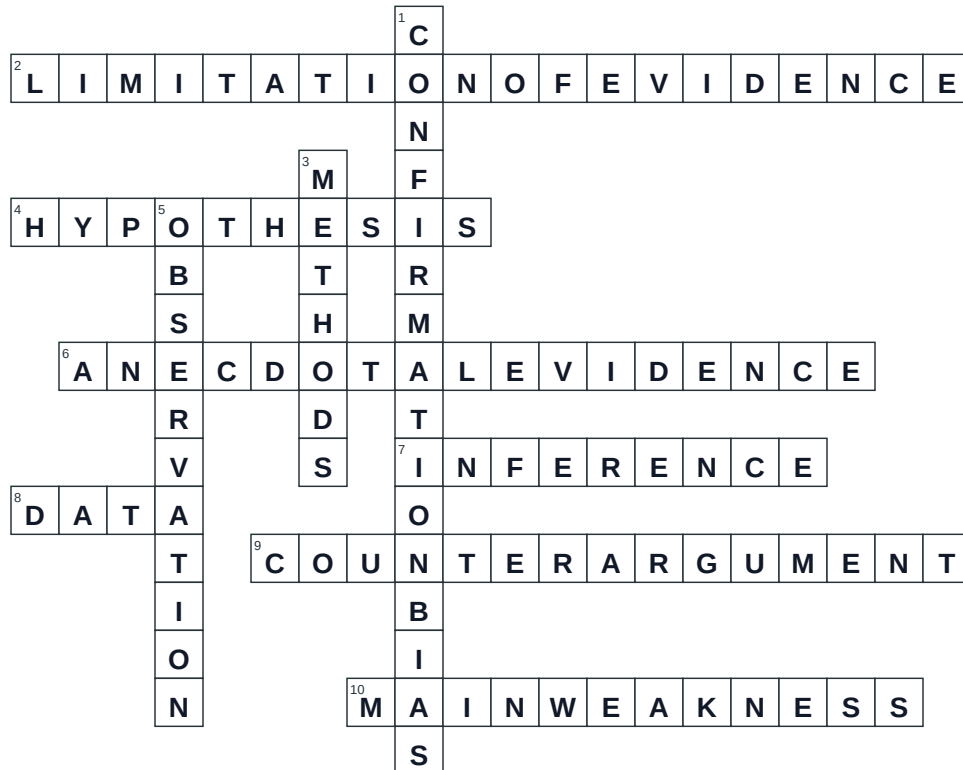
- 1. Favoring information that supports an existing belief
- 3. Section usually explains how data were collected
- 5. Information gathered with senses or scientific instruments.

Evidence and Scientific Argument 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. Limitation Of Evidence
4. Hypothesis
6. Anecdotal Evidence
7. Inference
8. Data
9. Counterargument

ACROSS (continued)

10. Main Weakness

DOWN

1. Confirmation Bias
3. Methods
5. Observation

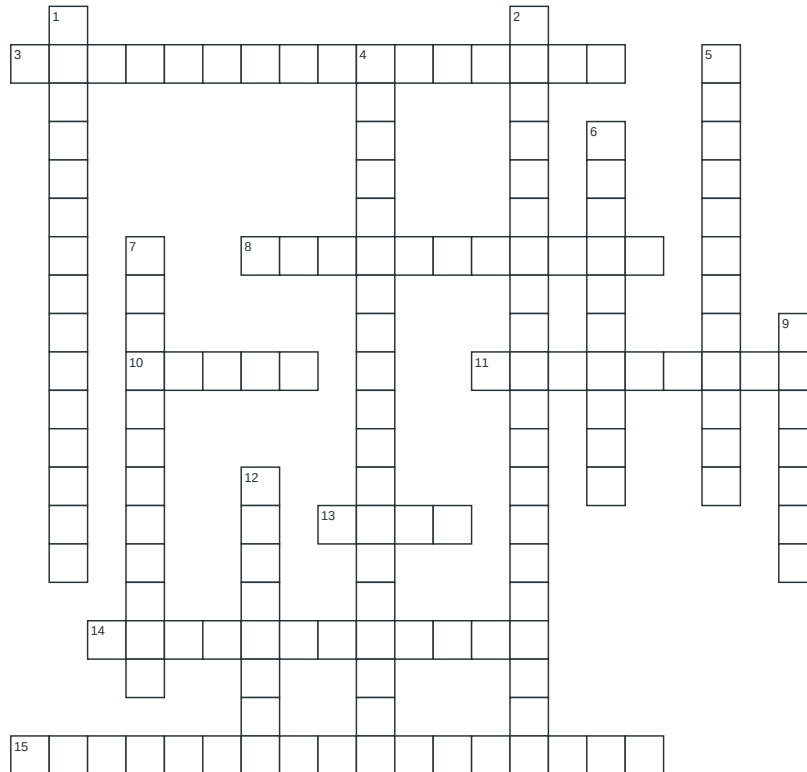
Evidence and Scientific Argument Crossword

Medium | 15 clues | Student Worksheet

Name: _____

Date: _____

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



ACROSS

3. Favoring information that supports an existing belief
8. Information gathered with senses or scientific instruments.
10. One repetition of an experimental procedure.
11. Conclusion drawn from observations and evidence.
13. Recorded observations and measurements from an investigation.
14. Describes data expressed as numbers or measurements.
15. An individual account that may not represent a broader pattern

DOWN

1. An alternative explanation or challenge to a claim
2. A factor restricting what the evidence can support
4. Factor deliberately changed by the investigator.
5. The evidence does not measure the claimed growth effect
6. Testable proposed explanation or prediction.
7. Comparison group that does not receive the tested treatment.
9. Section usually explains how data were collected
12. Condition kept the same across comparison groups.

Evidence and Scientific Argument Crossword

Medium | 15 clues | Teacher Answer Key

TEACHER ANSWER KEY

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



ACROSS

3. Confirmation Bias
8. Observation
10. Trial
11. Inference
13. Data
14. Quantitative
15. Anecdotal Evidence

DOWN

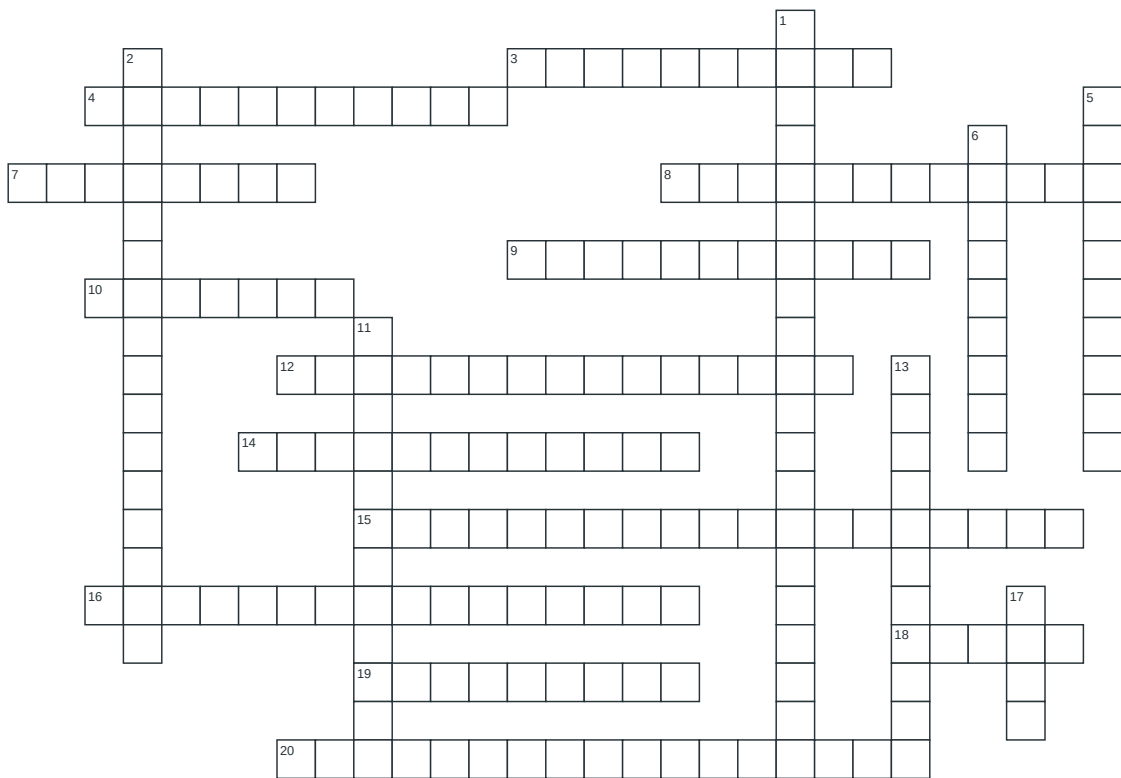
1. Counterargument
2. Limitation Of Evidence
4. Independent Variable
5. Main Weakness
6. Hypothesis
7. Control Group
9. Methods
12. Constant

Evidence and Scientific Argument Crossword

Hard | 20 clues | Student Worksheet

Name: _____ Date: _____

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



ACROSS

- 3. Number of individuals or observations included in a study.
- 4. Repeating an investigation to check whether results are consistent.
- 7. Condition kept the same across comparison groups.
- 8. Comparison group that does not receive the tested treatment.
- 9. Information gathered with senses or scientific instruments.
- 10. Section usually explains how data were collected
- 12. An alternative explanation or challenge to a claim
- 14. The evidence does not measure the claimed growth effect
- 15. Factor deliberately changed by the investigator.
- 16. Favoring information that supports an existing belief
- 18. One repetition of an experimental procedure.

ACROSS (continued)

- 19. Conclusion drawn from observations and evidence.
- 20. An individual account that may not represent a broader pattern

DOWN

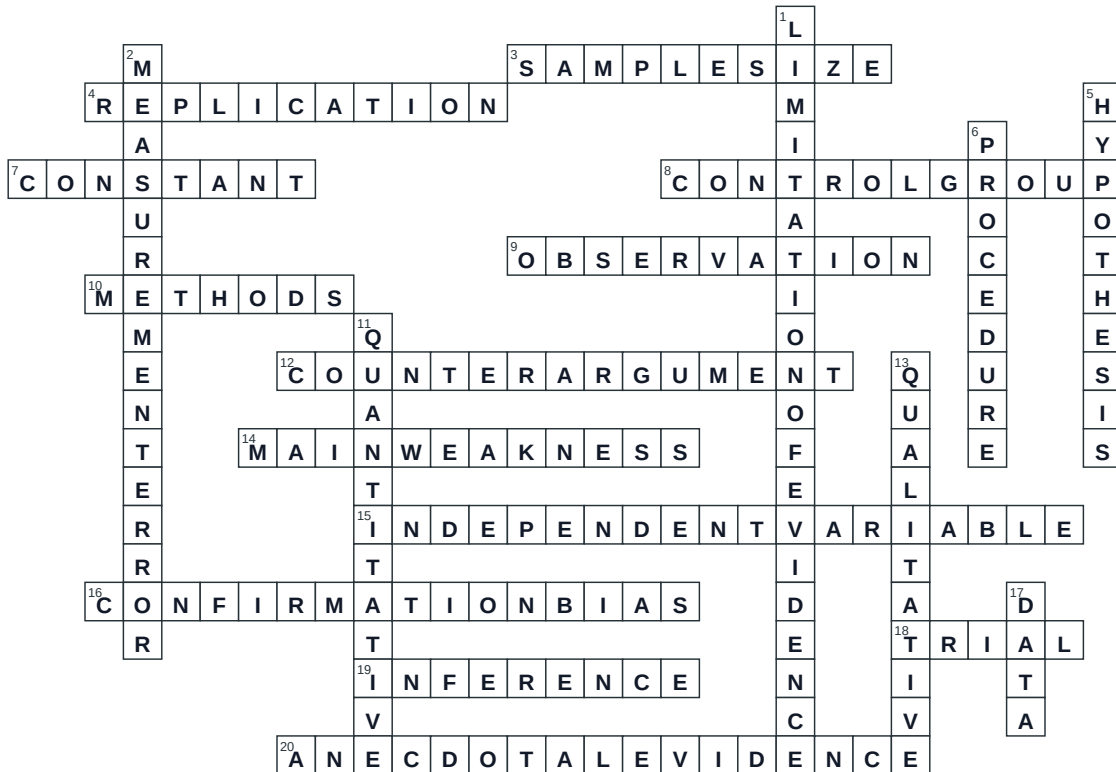
- 1. A factor restricting what the evidence can support
- 2. Difference between a measured value and the quantity's true value.
- 5. Testable proposed explanation or prediction.
- 6. Ordered steps used to carry out an investigation.
- 11. Describes data expressed as numbers or measurements.
- 13. Describes observations about qualities rather than numerical amounts.
- 17. Recorded observations and measurements from an investigation.

Evidence and Scientific Argument 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. Sample size
4. Replication
7. Constant
8. Control Group
9. Observation
10. Methods
12. Counterargument
14. Main Weakness
15. Independent Variable
16. Confirmation Bias
18. Trial

ACROSS (continued)

19. Inference
20. Anecdotal Evidence

DOWN

1. Limitation Of Evidence
2. Measurement Error
5. Hypothesis
6. Procedure
11. Quantitative
13. Qualitative
17. Data