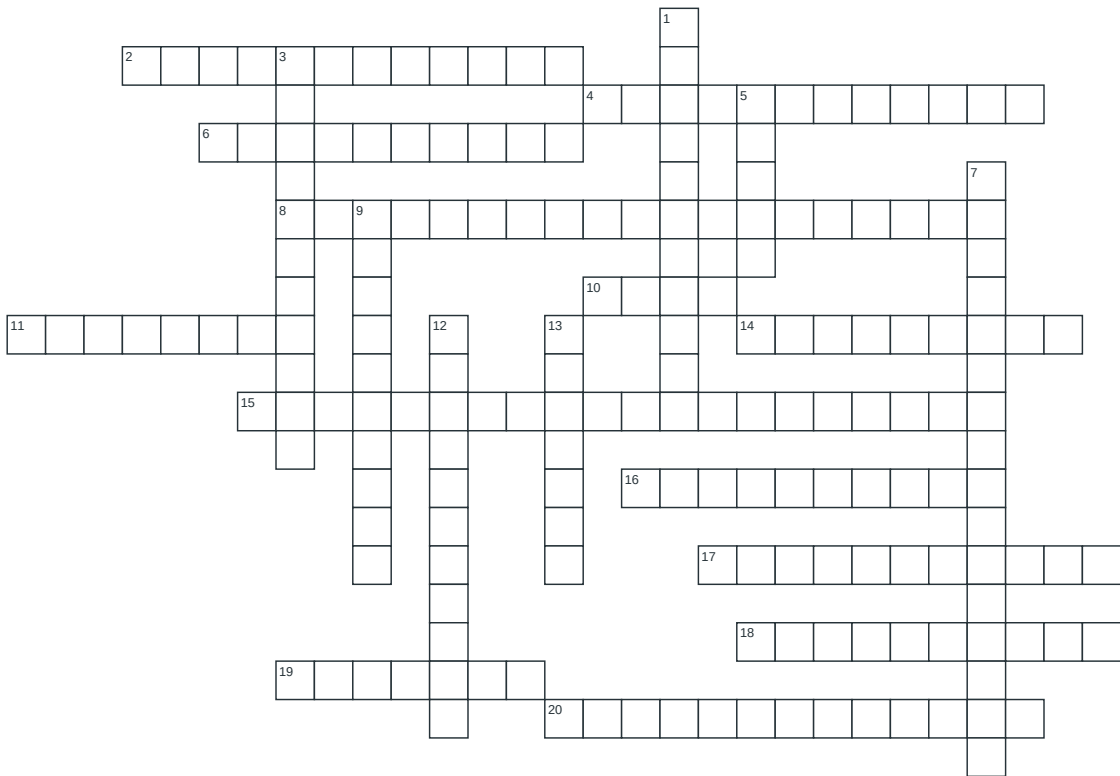


Scientific Communication and Peer Review Crossword

Hard | 20 clues | Student Worksheet

Name: _____ Date: _____

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



ACROSS

- 2. Comparison group that does not receive the tested treatment.
- 4. Describes data expressed as numbers or measurements.
- 6. Testable proposed explanation or prediction.
- 8. Factor deliberately changed by the investigator.
- 10. Recorded observations and measurements from an investigation.
- 11. Condition kept the same across comparison groups.
- 14. Ordered steps used to carry out an investigation.
- 15. Evaluate the concern and clarify, limit, or revise the study as needed
- 16. Number of individuals or observations included in a study.
- 17. Information gathered with senses or scientific instruments.
- 18. Presenting another person's words or ideas without proper credit

ACROSS (continued)

- 19. Section usually explains how data were collected
- 20. Text explaining a figure's content, symbols, and relevant conditions

DOWN

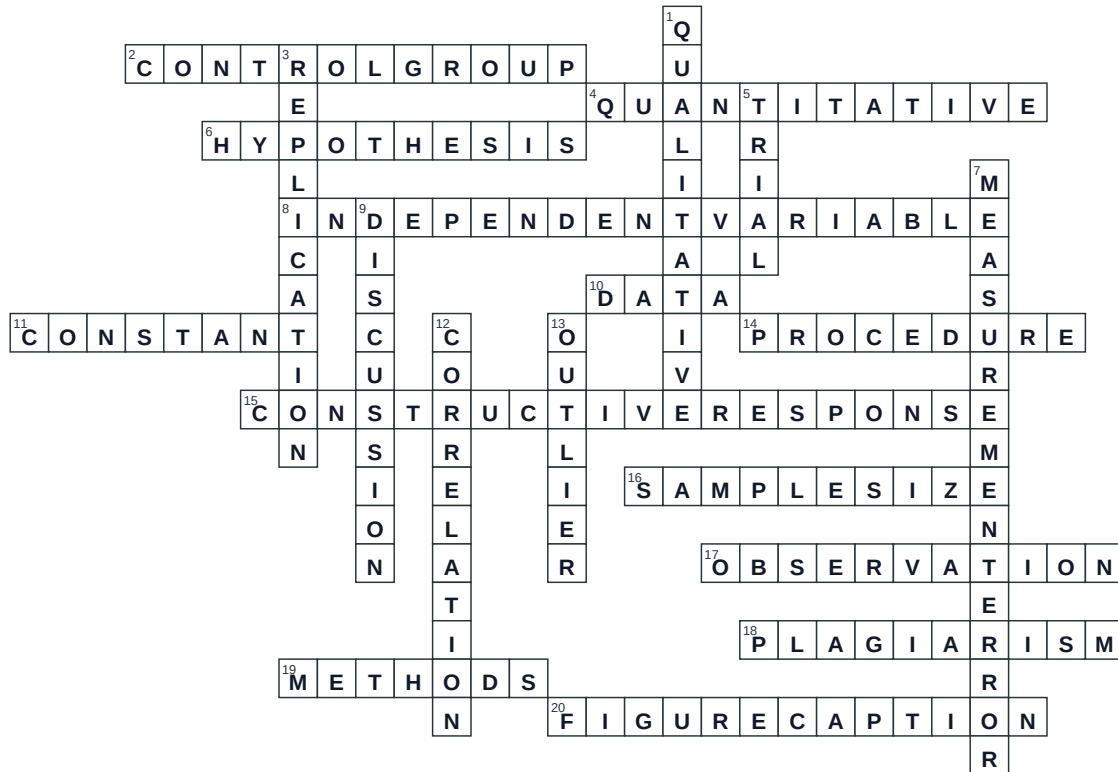
- 1. Describes observations about qualities rather than numerical amounts.
- 3. Repeating an investigation to check whether results are consistent.
- 5. One repetition of an experimental procedure.
- 7. Difference between a measured value and the quantity's true value.
- 9. Section commonly interprets findings and their limitations
- 12. Relationship in which variables change together; alone it does not prove cause.
- 13. Data value unusually far from the rest of a set.

Scientific Communication and Peer Review Crossword

Hard | 20 clues | Teacher Answer Key

TEACHER ANSWER KEY

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



ACROSS

2. Control Group
4. Quantitative
6. Hypothesis
8. Independent Variable
10. Data
11. Constant
14. Procedure
15. Constructive Response
16. Sample size
17. Observation
18. Plagiarism

ACROSS (continued)

19. Methods
20. Figure Caption

DOWN

1. Qualitative
3. Replication
5. Trial
7. Measurement Error
9. Discussion
12. Correlation
13. Outlier