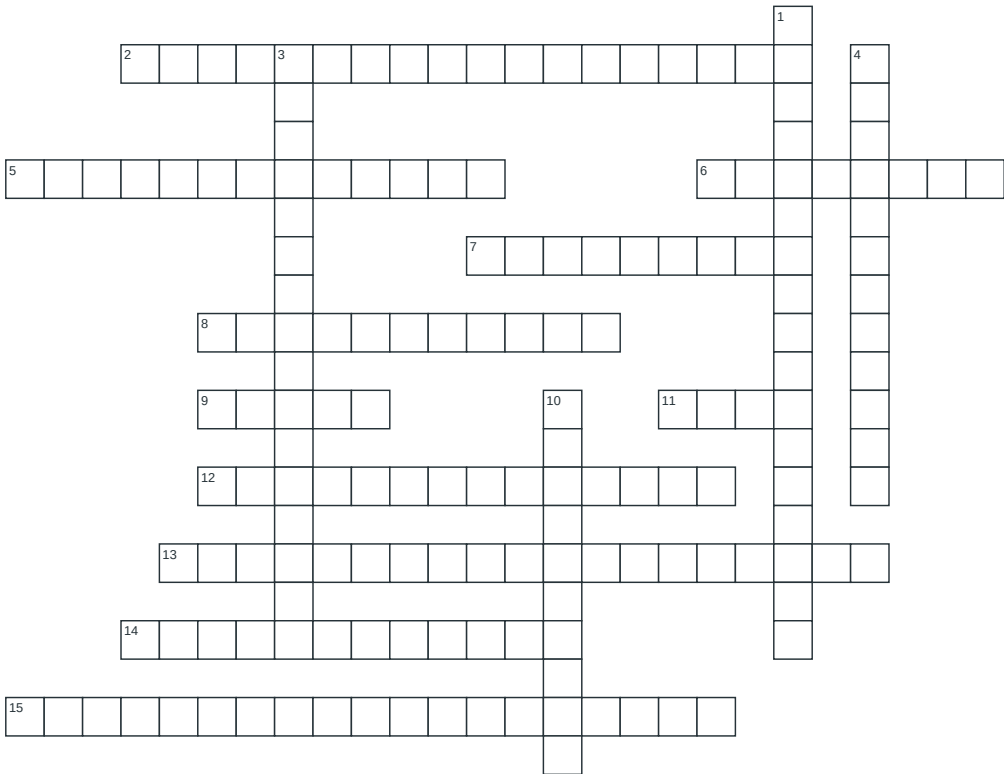


Experimental Design Crossword

Medium | 15 clues | Student Worksheet

Name: _____ Date: _____

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



ACROSS

- 2. Condition kept the same when groups are compared
- 5. Another run of a test under the same planned conditions
- 6. Condition kept the same across comparison groups.
- 7. Ordered steps used to carry out an investigation.
- 8. Information gathered with senses or scientific instruments.
- 9. One repetition of an experimental procedure.
- 11. Recorded observations and measurements from an investigation.
- 12. Method that gives population members a chance of selection

ACROSS (continued)

- 13. A factor deliberately changed by the investigator
- 14. Describes data expressed as numbers or measurements.
- 15. Factor that changes alongside the tested factor and complicates interpretation

DOWN

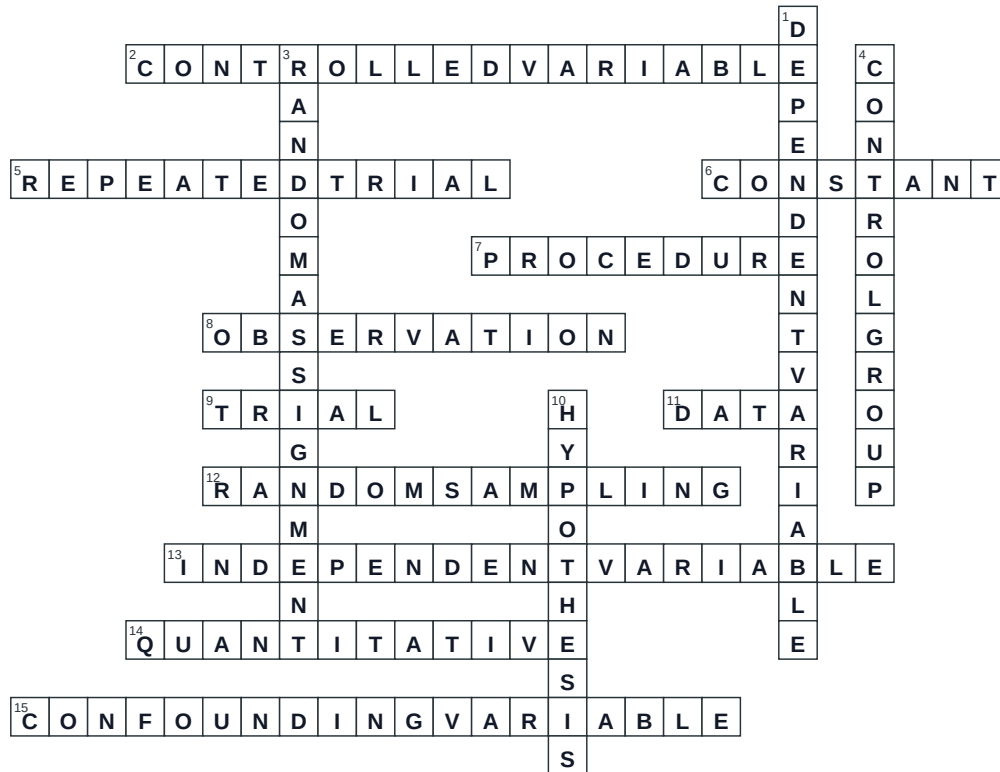
- 1. The outcome measured in response to a change
- 3. Method that places participants into groups by chance
- 4. Comparison group that does not receive the tested treatment.
- 10. Testable proposed explanation or prediction.

Experimental Design Crossword

Medium | 15 clues | Teacher Answer Key

TEACHER ANSWER KEY

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



ACROSS

2. Controlled Variable
5. Repeated Trial
6. Constant
7. Procedure
8. Observation
9. Trial
11. Data
12. Random Sampling

ACROSS (continued)

13. Independent Variable
14. Quantitative
15. Confounding Variable

DOWN

1. Dependent Variable
3. Random Assignment
4. Control Group
10. Hypothesis