

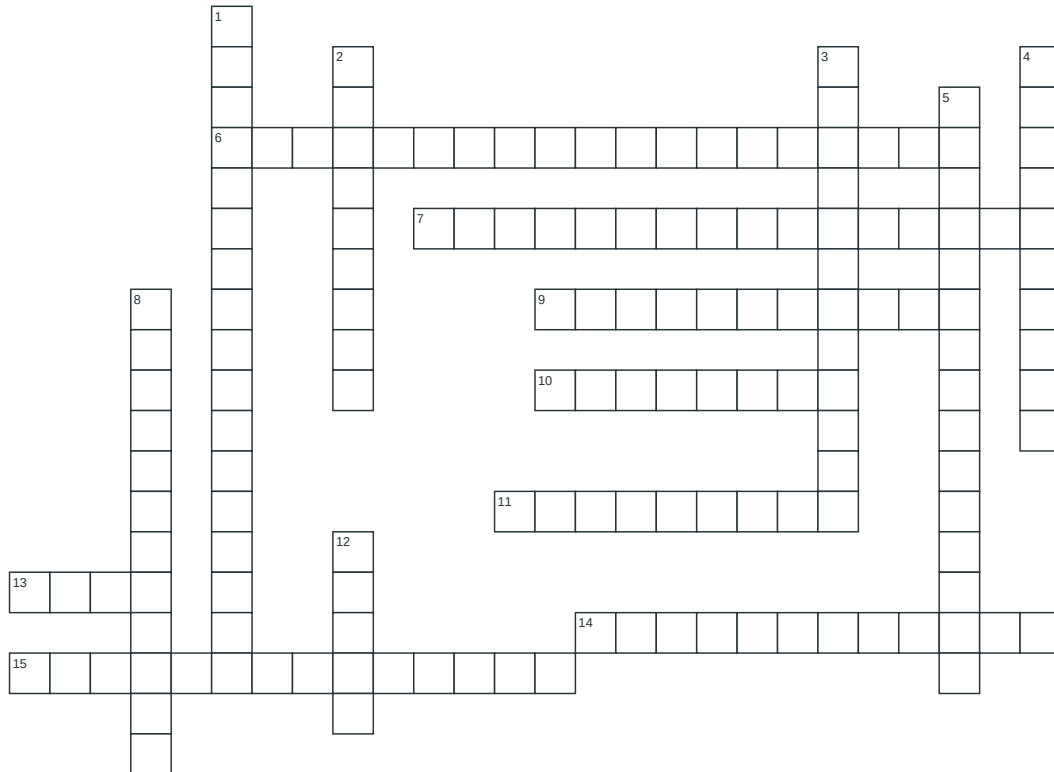
Engineering Design Crossword

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.
7. Limit such as cost, time, or materials that restricts a design
9. Information gathered with senses or scientific instruments.
10. Condition kept the same across comparison groups.
11. Preliminary version built to test a design
13. Recorded observations and measurements from an investigation.
14. Comparison group that does not receive the tested treatment.
15. Improving one feature while accepting a disadvantage in another

DOWN

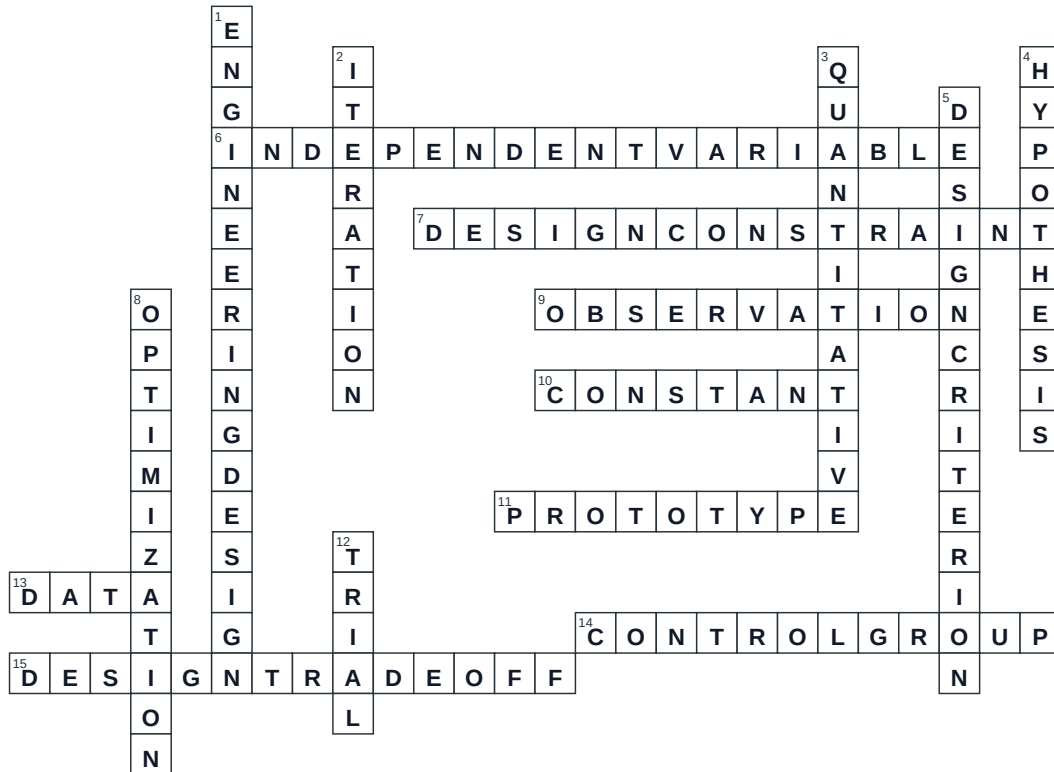
1. Design develops solutions to needs; science investigates explanations of phenomena
2. Repeating a test-and-revision cycle
3. Describes data expressed as numbers or measurements.
4. Testable proposed explanation or prediction.
5. Feature or level of performance a solution should achieve
8. Improving performance within stated criteria and constraints
12. One repetition of an experimental procedure.

Engineering 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

6. Independent Variable
7. Design Constraint
9. Observation
10. Constant
11. Prototype
13. Data
14. Control Group
15. Design Tradeoff

DOWN

1. Engineering Design
2. Iteration
3. Quantitative
4. Hypothesis
5. Design Criterion
8. Optimization
12. Trial