

# Electric Power and Safety Crossword

Easy | 10 clues | Student Worksheet

Name: \_\_\_\_\_

Date: \_\_\_\_\_

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

[illegible]

## ACROSS

1. Safety connection that provides a low-resistance path for fault current.
3. Amount of electrical energy used over a period of operation.
5. Safety device that detects an imbalance between outgoing and returning current.
6. Unit that measures electrical power
7. Condition in which connected devices demand more current than a circuit rating.

**ACROSS (continued)**

8. Unit of energy equal to one kilowatt used for one hour.
9. The rate of electrical energy transfer
10. Condition that can cause electric shock, burns, or fire.

**DOWN**

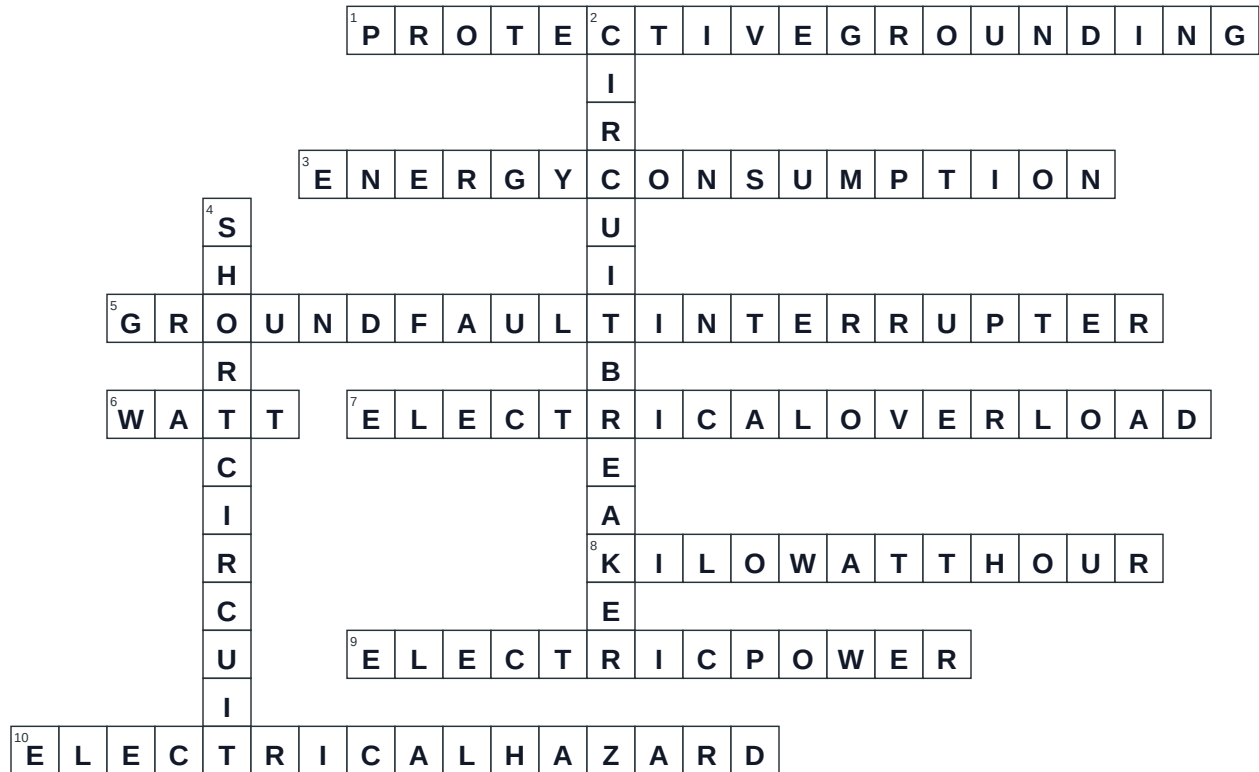
2. Protective switch that opens a circuit when current exceeds a safe level.
4. An unintended low-resistance path for current

# Electric Power and Safety Crossword

Easy | 10 clues | Teacher Answer Key

## TEACHER ANSWER KEY

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



### ACROSS

1. Protective grounding
3. Energy consumption
5. Ground-fault interrupter
6. Watt
7. Electrical overload
8. Kilowatt-hour

### ACROSS (continued)

9. Electric Power
10. Electrical hazard

### DOWN

2. Circuit breaker
4. Short Circuit