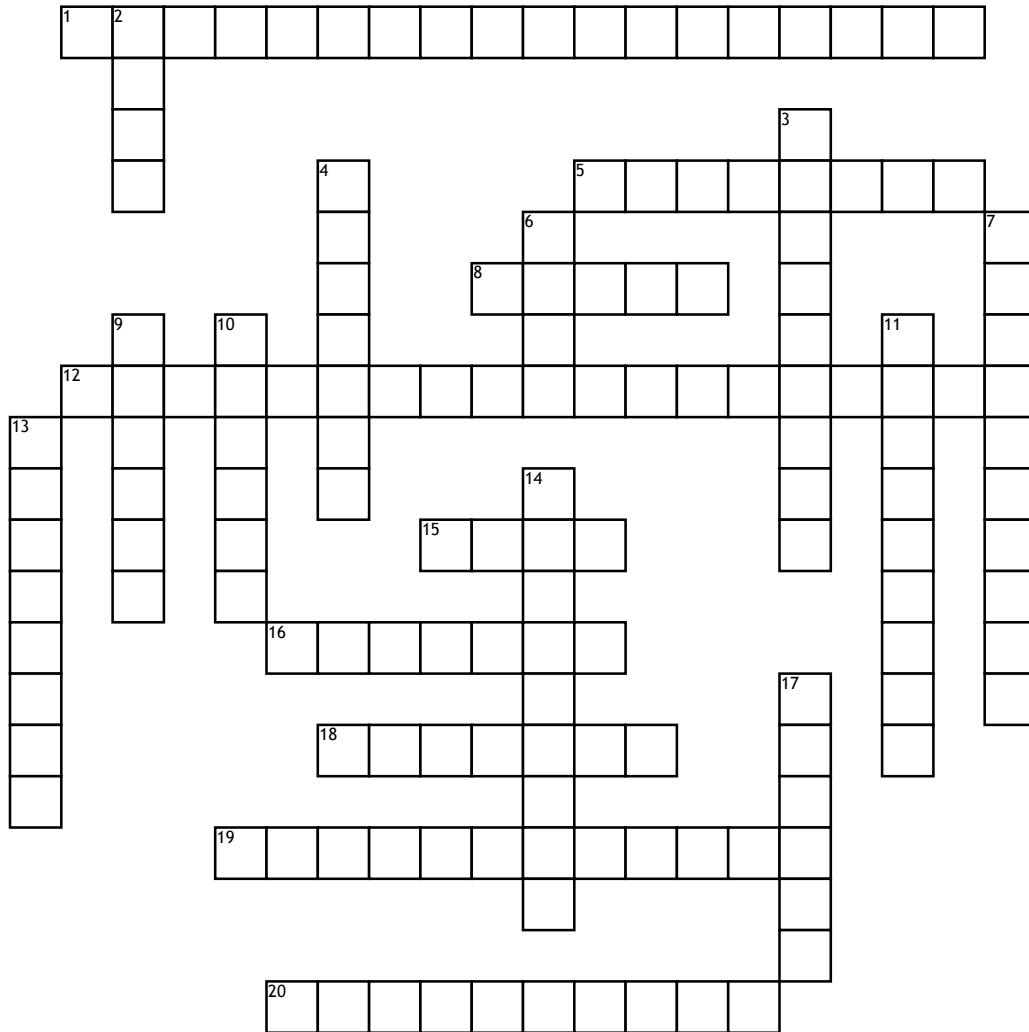


# CURRENT ELECTRICITY



## Across

1. Electrons move back and forth, changing direction. More efficient method of distributing electrical energy.
5. Electrons can flow more than one direction in a circuit.
8. Measured in Watts (W)
12. Another term for voltage.
15. A renewable source of energy.
16. Multiple cells connected.
18. Energy divided by charge.
19. Inefficient type of light bulb.
20. How much useful energy an electrical device produces compared to amount that was supplied to the device.

## Down

2. A voltmeter is connected across a source or a \_\_\_\_\_.
3. What is moving in a circuit?
4. Used to measure electric current.
6. Transforms electrical energy into other types of energy
7. A circuit has 3 lamps connected in series. The total voltage of the circuit is nine volts. What is the voltage of lamp one?
9. What part of a circuit is a battery?
10. Loads connected in a row.

11. As you increase the number of loads in parallel, the current drawn from the source \_\_\_\_\_.
13. A voltmeter is connected in \_\_\_\_\_.
14. As you increase the temperature of a wire, the resistance \_\_\_\_\_.
17. controls current flow

## Word Bank

three volts  
switch  
efficiency  
Battery  
series

Voltage  
load  
Potential difference  
wind  
source

electrons  
power  
incandescent  
parallel  
increases

ammeter  
increases  
Alternating current  
parallel  
Load