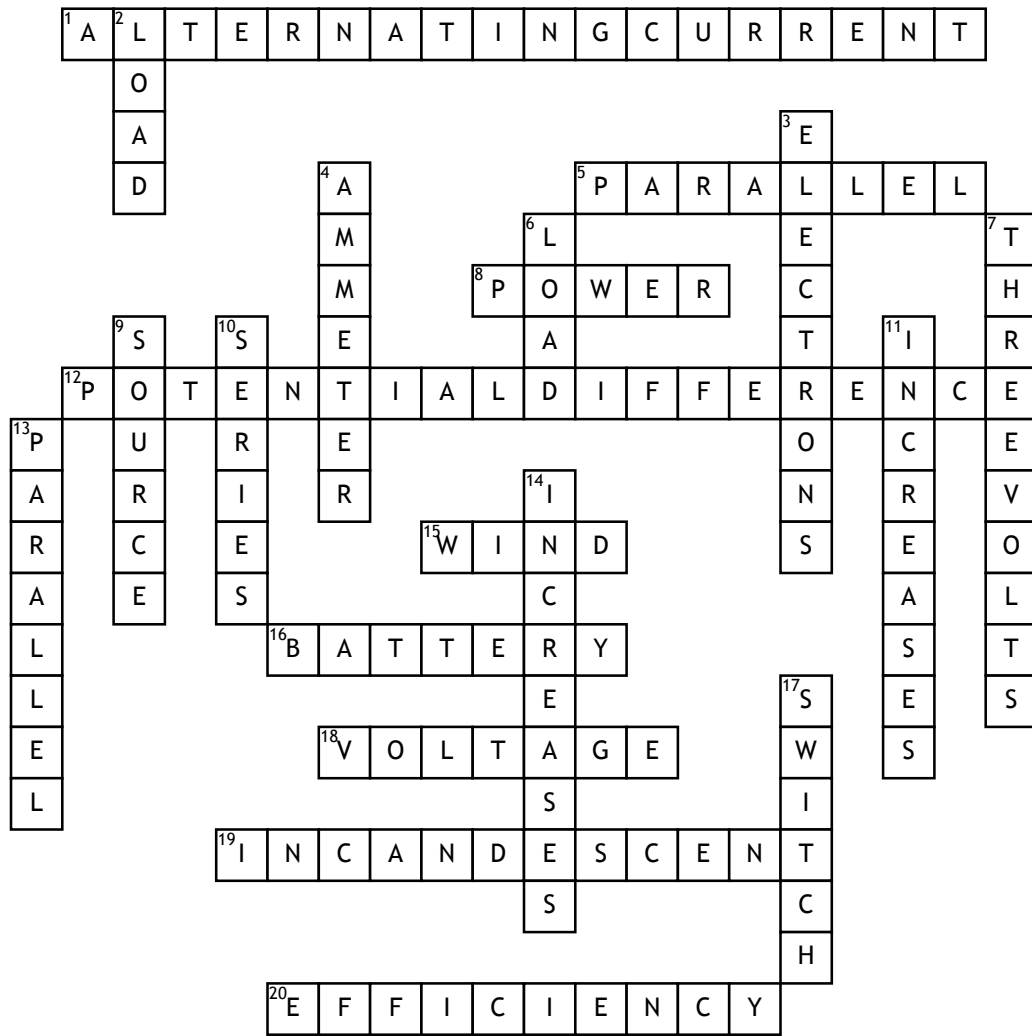


CURRENT ELECTRICITY



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

parallel
efficiency
increases
electrons
increases

Potential difference
switch
Load
Alternating current
parallel

ammeter
three volts
series
load
power

wind
Battery
incandescent
Voltage
source