Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Electric Circuits Pre – Post Quiz

Directions: Carefully reach each question. Circle the correct answer.

1. Which part of the atom is important in electricity?
   1. Proton
   2. Neutron
   3. Electron
2. Materials that allow electricity to flow easily.
   1. Conductors
   2. Insulators
3. Materials that resist the flow of electricity.
   1. Conductors
   2. Insulators
4. Which of these materials will let electricity flow through it?
5. Plastic spoon
6. Aluminum foil
7. Paper
8. Glass
9. What is the path electricity travels along?
10. Fuse
11. Relay
12. Insulator
13. Circuit
14. A light is on in the kitchen. The circuit is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
15. Open
16. Closed
17. Cold
18. Double
19. Which of the following would STOP the flow of electrons?
20. Metal
21. Water
22. Conductor
23. Insulator
24. Electrical energy can be transformed into \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
    1. Light
    2. Sound
    3. Motion
    4. All of the Above

Short Answer

1. Explain why it is dangerous to wade in a pool during a thunderstorm with lightning.
2. What is one thing you can do to use electricity safely?