



Electrical Safety World

Pre/Post Test

Directions: Circle the correct answer.

- Electricity flows in a closed path called
 - a route
 - a circuit
 - an electrical panel
 - an outlet
- Which of these describes the correct path electricity takes to get to homes?
 - service wires, transformer, power lines, electrical panel
 - transformer, service wires, electrical panel, power lines
 - power lines, transformer, service wires, electrical panel
 - electrical panel, power lines, transformer, service wires
- An example of a good conductor of electricity is
 - rubber
 - glass
 - water
 - fire
- An example of an insulator that does not allow electricity to flow easily through it is
 - specially tested rubber gloves
 - copper wire
 - an aluminum ladder
 - a silver fork
- While in your house during an electrical storm, which is the safest thing to do?
 - take a bath
 - email your friend
 - talk on the telephone
 - read a book
- Electricity is always looking for the easiest path to the
 - sky
 - ground
 - house
 - school
- What should you not do if you see a fallen power line?
 - stay far away
 - touch it
 - call 911 to report the fallen line
 - warn others to stay away
- Why are overloaded outlets dangerous?
 - they waste energy
 - they are bad luck
 - they are a fire hazard
 - they don't work
- Why can most birds stand on power lines and not get shocked?
 - they don't give electricity a path to the ground
 - they are just lucky
 - their feathers are nonconductive
 - they don't have enough water in their bodies
- Which of these is not a safe thing to do if someone is being shocked by electricity?
 - tell an adult to turn off the main power to the house
 - call 911 for help
 - stay away from the person
 - touch the person

Electrical Safety World

Answer Key

Information that relates to each question can be found on the pages listed below.

1. b) a circuit. Page 6.
2. c) power lines, transformer, service wires, electrical panel. Page 6.
3. c) water. Page 8.
4. a) specially tested rubber gloves. Page 8.
5. d) read a book. Page 9.
6. b) ground. Page 10.
7. c) touch it. Page 11.
8. c) they are a fire hazard. Page 12.
9. a) they don't give electricity a path to the ground. Page 13.
10. d) touch the person. Page 15.