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## The Shocking Truth About Electricity & Natural Gas

### Pre/Post Test

Directions: Circle the correct answer.

1. What is the name of the path that electricity travels?  
a) river                      b) street                      c) circuit                      d) volt
2. Natural gas is carried to our homes through  
a) delivery trucks              b) pipelines                      c) wires                      d) the atmosphere
3. A material that electricity can flow through easily is called  
a) an insulator                      b) a conductor                      c) a baton                      d) a jar
4. Electricity always takes the easiest  
a) insulator                      b) path to the ground              c) way out                      d) light
5. A ground fault circuit interrupter (GFCI) monitors the flow of  
a) gas                      b) water                      c) air                      d) electricity
6. Why must you keep the area near natural gas appliances clear of toys, books, papers, and other items?  
a) so nothing will be taken  
b) because these appliances use a flame  
c) to let you know where these appliances are  
d) so you can play there
7. Which of these is not a safe thing to do if you smell gas and an adult is not home?  
a) get everyone out of the house                      c) light a candle or use a flashlight  
b) go to a pay phone                      d) call the gas company
8. Always assume that downed power lines are  
a) safe                      b) unsafe                      c) can be touched                      d) not live
9. What should you not do if you see an electrical fire?  
a) telephone for help from a safe location  
b) tell an adult about the fire  
c) put the fire out with water  
d) have an adult use a proper chemical extinguisher

10. If someone is being shocked by electricity what should you not do?
- a) tell an adult to turn off the power at the fuse box or circuit breaker
  - b) call 911 for help
  - c) if victim is not in contact with electricity have an adult give CPR
  - d) grab the person and pull them away from the electricity

# The Shocking Truth About Electricity & Natural Gas Activity Book

## **Answer Key**

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

1. c) circuit. Page 2
2. b) underground pipelines. Page 3
3. b) a conductor. Page 4
4. b) path to the ground. Page 5
5. d) electricity. Page 7
6. b) because these appliances use a flame. Page 11
7. c) light a candle or use a flashlight. Page 12
8. b) carrying electricity and unsafe. Page 13
9. c) put the fire out with water. Page 14
10. d) grab the person and pull them away from the electricity. Page 15