

Let's Learn About Electrical Safety Outdoors

Pre/Post Test

Directions: Circle the correct answer.

1. How does electricity travel to your home?
a) by batteries
b) in pipes
c) on delivery trucks
d) through underground or overhead power lines
2. If you see a frayed power cord on an appliance in your home, you should
a) try to fix it
b) stay away and tell an adult
3. If you see wires strung through a tree, the safe thing to do is
a) climb the tree and hang from the wire
b) go find another area to play in
4. Which of these is the safest place to fly a kite?
a) near substation fences
b) near overhead electric lines
c) beneath utility poles
d) in an open field away from all wires
5. Which of these is not safe to do if you see a fallen power line?
a) tell an adult about it
b) call 911
c) touch it
d) stay away
6. Which of these statements about insulators is false?
a) it is safe to throw or shoot things at them
b) they keep electricity from traveling down power poles
c) they are mounted on top of power poles
d) they should not be tampered with
7. True or false: Pole-mounted transformers and pad-mounted transformers are dangerous and unsafe to play around.
a) true
b) false
8. If you are planning a digging project, the first thing you should do is
a) get your shovel and start digging
b) have an adult call the utility locator service to find out if there are underground lines there
9. Natural gas pipeline leaks can be recognized by
a) a rotten egg smell
b) a hissing sound
c) dirt blowing in the air
d) a, b, and c
10. Which of these is a safe thing to do if you smell gas and an adult is not home?
a) leave the area and ask a trusted adult to report the leak to your local gas company
b) light a match
c) do nothing

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Pre/Post Test Answer Key

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

1. d) through underground or overhead power lines. Page 2
2. b) stay away and tell an adult. Page 4
3. b) go find another area to play in. Page 5
4. d) in an open field away from all wires. Pages 5, 10
5. c) touch it. Page 6
6. a) it is safe to throw or shoot things at them. Pages 8, 12
7. a) true. Pages 9, 11
8. b) have an adult call the utility locator service to find out if there are underground lines there. Page 13
9. d) a, b, and c. Back cover
10. a) leave the area and ask a trusted adult to report the leak to your local gas company. Back cover