



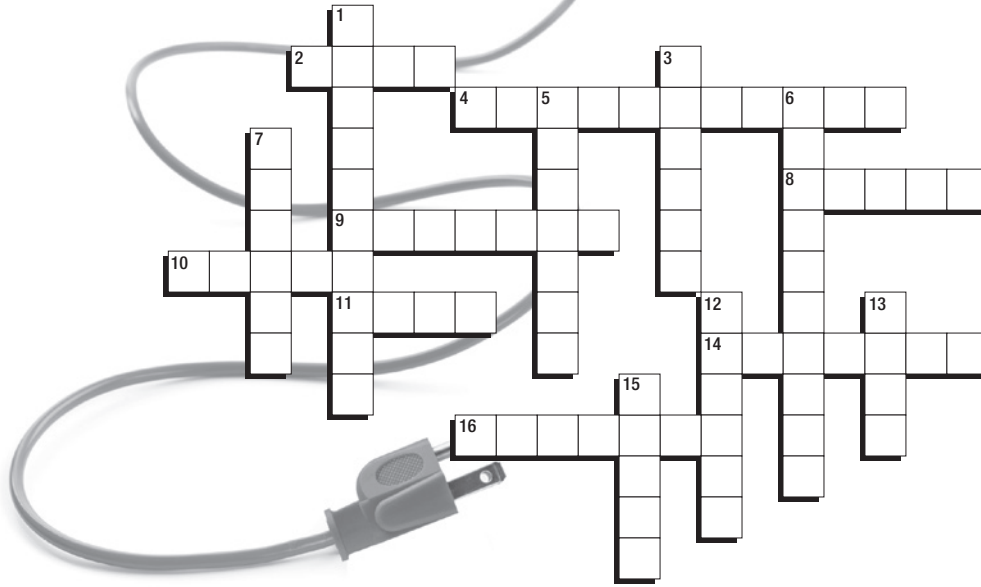
# ELECTRICAL SAFETY ACTIVITY SHEET

Recommended for Grades 3–6

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Fill in the missing words below and use them to complete the puzzle.  
If you need help, use the upside-down words at the bottom of this page.



### Across Clues

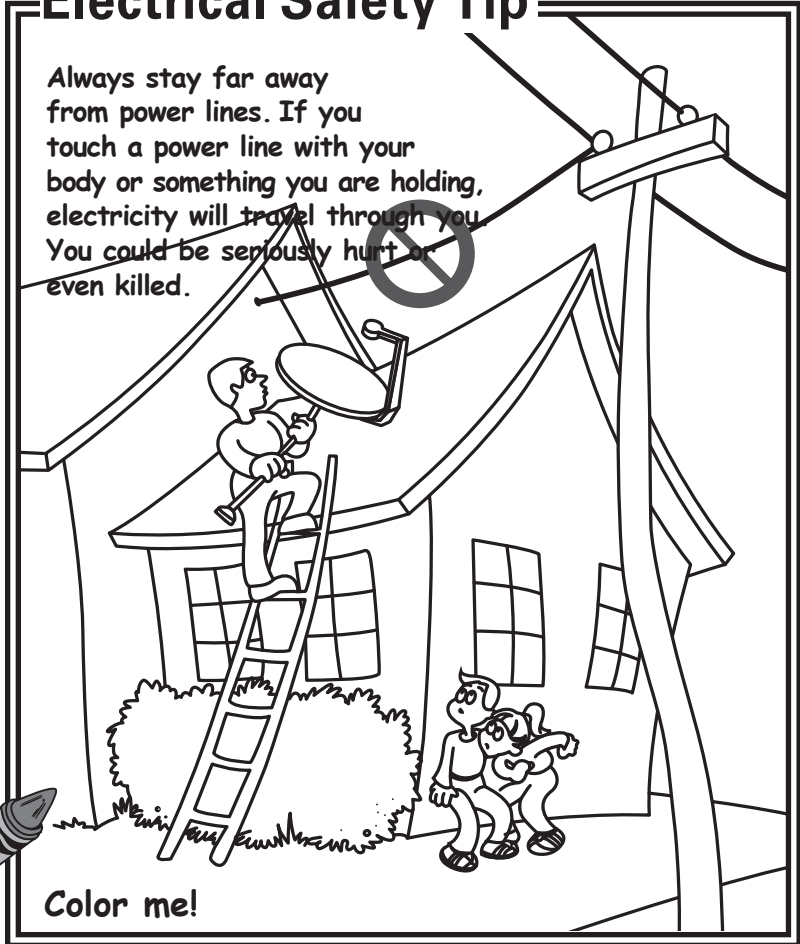
- If you put your \_\_\_\_\_ between electricity and the ground, electricity will flow through you.
- You can be safe around \_\_\_\_\_ if you take the right precautions.
- Coming in contact with electricity can cause \_\_\_\_\_, burns or death.
- The path electricity travels in is called a \_\_\_\_\_.
- GFCIs are ground \_\_\_\_\_ circuit interrupters.
- Fly kites in \_\_\_\_\_ areas away from overhead power lines.
- Overloaded \_\_\_\_\_ can cause electrical fires.
- Obey warning signs like Danger High \_\_\_\_\_.

### Down Clues

- Electricity flows through \_\_\_\_\_ easily. Metals, water and humans are examples of them.
- \_\_\_\_\_ electric cords can cause shock and fire.
- Electricity always seeks the \_\_\_\_\_ path to the ground.
- \_\_\_\_\_ prevent the passage of electricity. They keep the electricity flowing through wires.
- If, due to fire, you must get out of a car with a downed wire on it, never touch the car and the \_\_\_\_\_ at the same time.
- Don't climb transmission \_\_\_\_\_, utility poles or substation fences.
- The safest thing to do in an electrical emergency is to call for \_\_\_\_\_.
- The human body is 60–70% \_\_\_\_\_.

## Electrical Safety Tip

Always stay far away from power lines. If you touch a power line with your body or something you are holding, electricity will travel through you. You could be seriously hurt or even killed.



Color me!

**Electrical Safety Activity Answer Key**

- Body, Circuit, Conductors, Easiest, Electricity, Fault, Frayed, Ground, Help, Insulators, Open, Outlets, Shock, Towers, Voltage, Water.



**Call Before You Dig:** Please call 811 if you plan to dig or move earth in any way—even just planting a tree or shrub. This free service will arrange for marking underground natural gas and electric lines so you can dig a safe distance away from them. After you call, wait your state's required time before digging—at least two to three working days.



# NATURAL GAS SAFETY ACTIVITY SHEET

Recommended for Grades 3-6

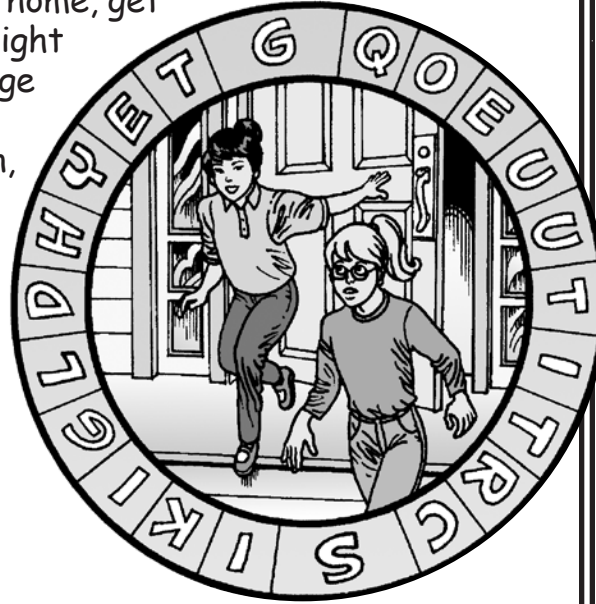
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## IF YOU SMELL GAS

Natural gas usually smells like sulfur or rotten eggs. If you smell gas in your house, tell an adult. If no adult is home, get everyone out of the house. Do not use a light switch, candle, flashlight, TV, radio, garage door opener or even a phone—a spark could ignite the gas. Go to a safe location, and ask an adult to report the leak to 911 and Xcel Energy.



### Directions:

Start with the letter "G" at the top of the circle, and go clockwise writing down every third letter in the spaces below.

G    E  
1    2

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_



### Natural Gas Safety Tip

Gas that leaks from pipelines is a fire hazard. If a pipeline is leaking, you may notice a sulfur or rotten egg smell; a hissing or roaring sound; dirt spraying or blowing into the air; bubbling in water; or grass/plants dead or dying for no apparent reason.

If you suspect a gas pipeline leak, do not use fire or electricity. Go far away from the area immediately, and do NOT go back until safety officials say it is safe. Ask an adult to report the leak to 911 and Xcel Energy.



Color me!

**Call Before You Dig:** Please call 811 if you plan to dig or move earth in any way—even just planting a tree or shrub. This free service will arrange for marking underground natural gas and electric lines so you can dig a safe distance away from them. After you call, wait your state's required time before digging—at least two to three working days.



Natural Gas Safety Activity Answer Key

• Message spells "Get right outside quickly."