

Electrical Safety World: Student Worksheet #1

The Travels of Electricity

Name: _____ Date: _____

1. You can move faster than electricity can. (True or False)
2. Circle three objects from the list below that conduct electricity:
an aluminum ladder rubber lineman's gloves
a copper wire a metal bench
a fibreglass ladder a glass insulator

What these objects have in common is that they are made of

3. Insulators are important for safety around electricity because

4. Plugging too many things into an power point can overload it and cause

5. Guess whether the power lines to your building are overhead or underground. Now look outside. Were you right?

6. Use the following three items—a D battery, a lightbulb, and two pieces of wire—to draw a complete electric circuit that will allow the bulb to light up.