



Rhode Island Energy™

a PPL company

e-SMARTkids



STUDENT WORKSHEET

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 lineman's rubber gloves
a copper wire a metal bench
a fiberglass 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 outlet 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 light bulb, and two pieces of wire—to draw a complete electric circuit that will allow the bulb to light up.