

Name: \_\_\_\_\_ Date: \_\_\_\_\_

## Switcheroo Worksheet

1. In the space below, draw a picture of the switch circuit.

2. List all the objects available to make a switch. Next to each object, write “**good switch**” if you predict it will make a good switch and “**no**” if you predict it will not.

Object	Prediction: Will this be a good switch?

3. In the table below, write the name of each object your team is going to test.
4. In the second column, write your prediction on whether you think each object is a **conductor** or an **insulator**.
5. Test each object and record your results in the third column. Write “**good switch**” if the object made a good switch; write “**no**” if it did not make a good switch.

Object	Prediction: Conductor or Insulator?	Test Results: Is this a good switch?

6. Observations. Why did some objects you tested make good switches while others did not?

7. How could you tell when an object made a good switch?

8. What are some qualities of a good switch?