

Name:

Date:

Class:

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?

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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 result 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?