# Lemon/Potato Power worksheet

Name:

Date:

Briefly describe how electricity flows around a circuit.

## Hypothesis:

**Every scientist must form a hypothesis before he/she conducts an experiment. The hypothesis helps the scientist to design the experiment effectively.**

Will a single lemon/potato be able to light up an LED by itself? Why/why not?

If you had lots of lemons, could you use them to light up an LED? Why/why not?

## Results:

Draw a quick sketch of the circuit that you used to light the LED. Be sure to label each component in your circuit.

## Conclusions:

How many lemons/potatoes did it take to light up the LED? Why do you think this was the case?

How is it possible that we could light up the LED with lemons? What is an important feature of lemons that allows this to work?