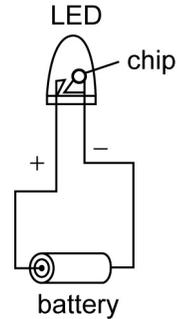


Show You Know!

Working with LEDs

This worksheet will help you with the Try This! on page 105.

An LED has a positive end and a negative end. This means that there is only one way you can connect an LED to a circuit. If the LED is connected in the wrong direction, the bulb will not light!



An LED in an electric circuit

1. Use the equipment provided by your teacher. Do not connect the last wire until your teacher has checked the circuit.
 - Connect the positive (longer) wire from the LED to the positive terminal on the battery.
 - Prepare the negative (shorter) wire from the LED to connect to the negative terminal on the battery.
2. After your teacher has checked your circuit, close the switch. The LED chip should glow. The glowing light will bounce off a reflector.

_____ is an LED Master and is fully certified to work with LEDs in this unit.

Teacher _____

Date _____

