

1a

Introduction to Components LESSON

In this lab, we will use some electronic components.

Copy these schematic symbols onto your **Hands-On Activity Page** so that you learn them.

The schematic symbol for an LED has two arrows pointing away which indicates light emitting from the LED.

The symbol shown for the resistor has 3 peaks on the bottom and top of the symbol.

A 9-volt battery is a **multicell** device with six small **1.5** volt cells in series inside of it.



Lab #1201

**OHM'S LAW
and more!**

Pictures of Components

Single Cell (1 1/2 Volts)



9-Volt Battery w/Snap



LED (light emitting diode)



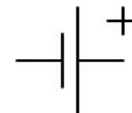
Resistor



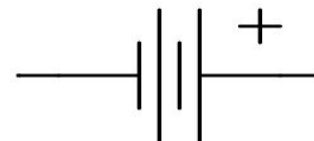
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Schematic Symbols

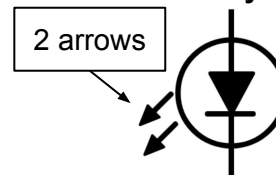
Single-Cell Symbol



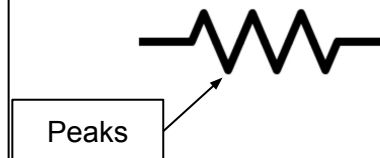
Multi-cell Battery Symbol



LED Symbol



Resistor Symbol



On this page, draw a schematic symbol under each of these components.

