

VISUALIZING Circuitry

To help students engineer and build their own circuits for a classroom or STEM lab project, have them create a schematic diagram. Here are common circuit symbols they can use to build their diagrams.



Battery



Connection



LightBulb



**No
Connection**



Resistor



Switch



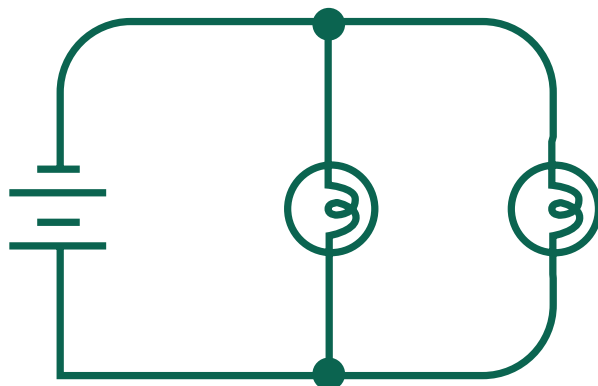
Ammeter



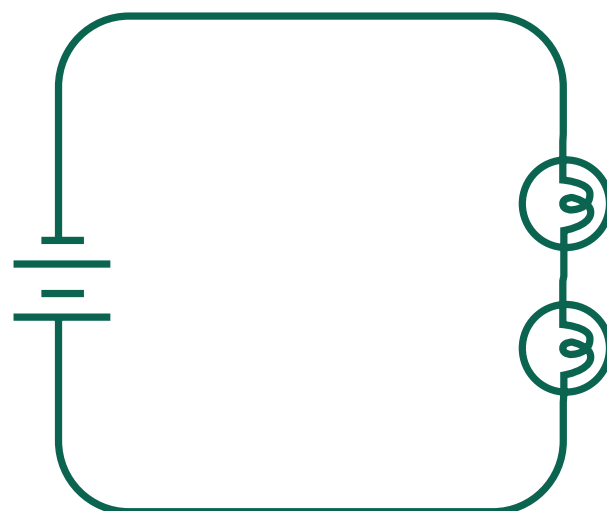
Voltmeter

Drawing Your Diagram

Providing a sample diagram will help students visualize what they are working toward and encourage them to build their own unique design.



**Lightbulbs in
Parallel**



**Lightbulbs in
Series**

Looking for a fun idea for a bell ringer that explains the concept of circuits? Check out our video [Circle of Hands](https://www.flinnsci.com/circle-of-hands) on [flinnsci.com](https://www.flinnsci.com).