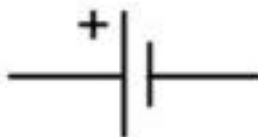




**Closed:**

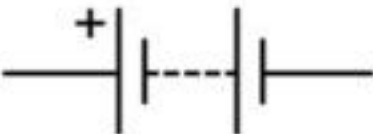
When you close a switch in a circuit you remove the air gap and allow the electricity to flow.

### Sources of Potential Difference



**Cell:**

Chemical reactions take place in cells that free up electrons to move in the same direction.



**Battery:**

Batteries are cells linked together. They make it easier for electrons to move in the same direction.

### Resistance components

**Resistor:**