



Let's build a simple electrical circuit

Material:

- bulb,
- cables,
- battery,

Instruction:



metal part with +) and

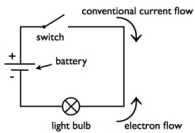
After closing the circuit bulb will light.

Explanation:

Electrical current flows from the guides of higher [potential](#) to lower [potential](#) . To make this possible, in a closed loop must be an element that ensures supply of charge carriers of the points with a lower [potential](#) to a higher

potential

point in a direction opposite to the running of the electric field on them. This requires the input of energy and happens in the elements known as power sources. A source of energy in the circuit can be for example a battery.



An electrical circuit is a special type of network. Has a closed loop giving a return path for the current. If too much current flows through the filament of the bulb, it may burn.

