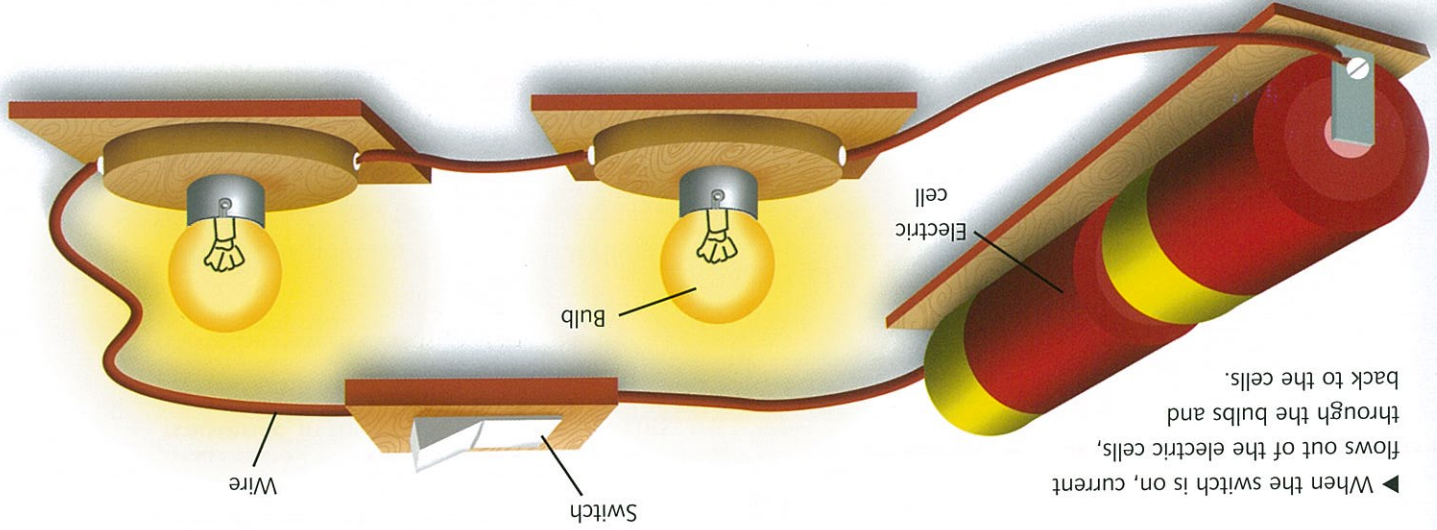


## SERIES CIRCUITS

There are two basic ways in which a circuit can be arranged – in series and in parallel. A series circuit has only one path for the electric current to follow. The current travels from the electricity supply, through one or more components, such as a light bulb, and back to the electricity supply. In a series circuit the components are in a row, one after the other.



## PARALLEL CIRCUITS

A parallel circuit has two or more paths along which the electric current can travel. For example, in a parallel circuit with two light bulbs, each bulb can be on a different part of the circuit. If each part of the circuit is the same, the electric current divides equally. Parallel circuits are useful when we need to have some parts of them switched on, and other parts switched off, such as lighting one room in a house.

