

Electricity

Electrical current

Electric shock

Circuit

Battery

Light bulb

Switch

Wire

Conductor

Insulator

Electricity is a **form of energy**. We can control it and use it

The **flow of electricity**

When **electricity flows through the human body causing a shock**. Exposure to electrical energy can be dangerous, resulting in damage or death

A **path** which electricity flows around

A **store of energy**, also known as a cell

A component that **converts electrical energy to light energy**

A component that **can make or break an electrical circuit**

A **thin piece of metal covered in plastic** that conducts electricity.

Materials that **allow electricity to pass through** them are called conductors

Materials that **do not allow electricity to pass through** are called insulators

BATTERY



BULB



WIRE

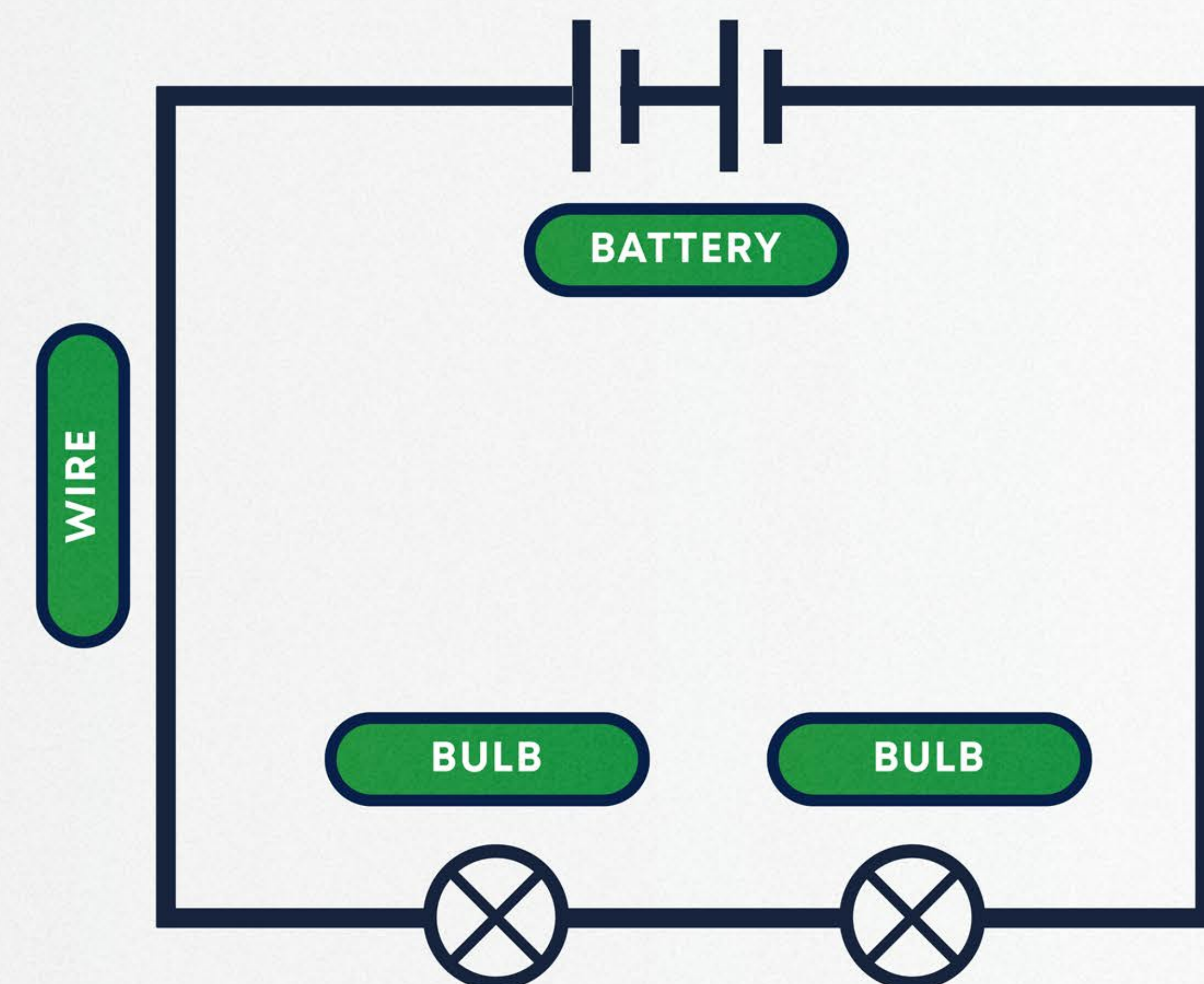


SWITCH



ELECTRICAL SYMBOLS

SERIES CIRCUIT



A series circuit has one path for electricity to flow.

AA Battery

1.5 V (Volts)



Car Battery

12 V (Volts)



Granville T Woods (1856-1910)

was an inventor and electrical engineer. He worked on many inventions that made electrical railways safer and more efficient.

