Science
PKC

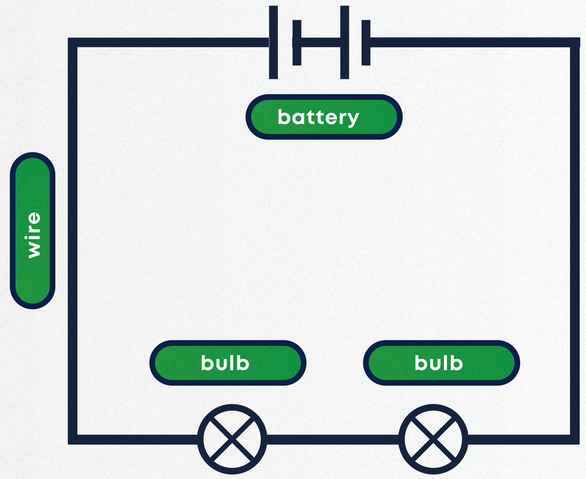
Electricity

6 YEAR PKC Primary Knowledge Curriculum

KEY VOCABULARY

electricity	electricity is a **form of energy**; we can control it and use it
electrical current	the **flow of electricity**
electric shock	when **electricity flows through the human body causing a shock**; exposure to electrical energy can be dangerous, resulting in damage or death
circuit	a **path** which electricity flows around
battery	a **store of energy,** also known as a cell
light bulb	a component that **converts electrical energy to light energy**
switch	a component that **can make or break an electrical circuit**
wire	a **thin piece of metal covered in plastic** that conducts electricity
conductor	materials that **allow electricity to pass through** them are called conductors
insulator	materials that **do not allow electricity to pass through** are called insulators

series circuit



a series circuit has one path for electricity to flow

AA battery	car battery
1.5 V (volts)	12 V (volts)

Granville T Woods (1856-1910)

an inventor and electrical engineer who worked on many inventions that made electrical railways safer and more efficient

electrical symbols

battery

bulb

wire

switch