



# Year 6 Science - Electricity (Physics)

Knowledge and skills  
Empower  
You to  
Succeed

Cronton CE Primary School

Keys to  
Success

Autumn Term

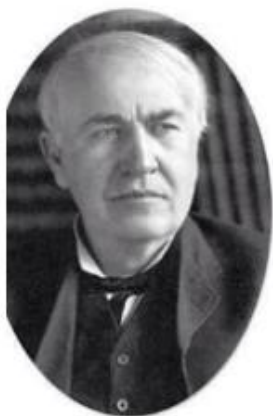


Vocabulary



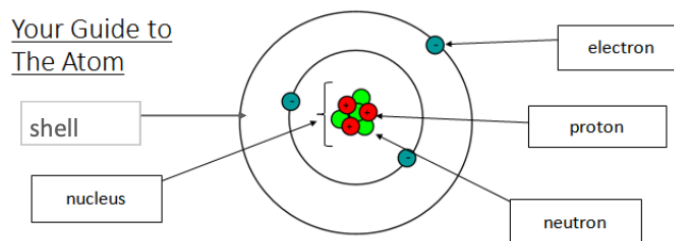
Knowledge

- Electricity is a flow of electrons.
- The unit for measuring electrical potential is volts.
- Electronic potential is like a push - electrons are pushed through a wire by the voltage.
- A battery provides the energy to make electrons move.
- The electrons provide the electrical energy to make the components work.
- Changing the volage has an effect on the components in a circuit.



Thomas Edison

## Your Guide to The Atom



## Circuit symbols



cell



Wire



Bulb



Buzzer



Motor



Switch (off)



Switch (on)

**Atom** - the smallest piece of a substance that can exist.

**Electron** - a negatively charged particle found inside an atom.

**Proton** - a positively charged particle found inside an atom.

**Neutron** - a particle with no charge found inside an atom.

**Voltage** - energy provided by the battery to push the electrons in a wire. (Measured in volts).

**Series circuit** - a complete circuit in which the flow of electricity follows one path.

**Component** - a device that can be part of a circuit.

**Refute** - prove an idea to be wrong.