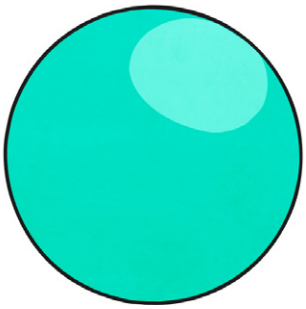
Knowledge Testing Cards

- These cards are designed to support children to learn, reinforce and embed key words, ideas and concepts into their long term memory.
- They should be used both during the unit and at regular intervals during the rest of the year to check what has and has not been retained. For this reason, it would be worth laminating these cards.
- The cards are double sided – picture on one side, text on the other side. Children should be given the opportunity to test themselves, test a partner and work as part of a group.
- This activity needs to be short (up to a maximum of 10 minutes).
- Suggested times to use: early morning work, lesson starter, end of the day activity.



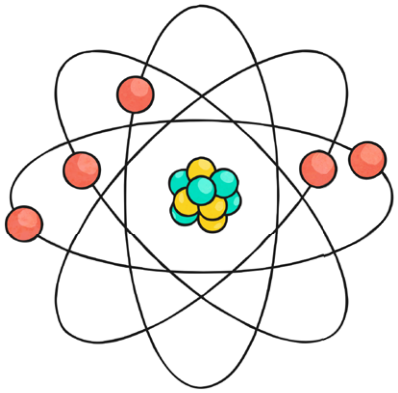
Proton

A proton has a positive electrical charge. Protons form the nucleus of an atom with neutrons.



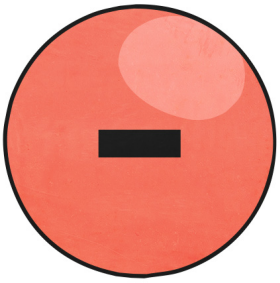
Neutron

A neutron has no electrical charge. Neutrons form the nucleus with protons.



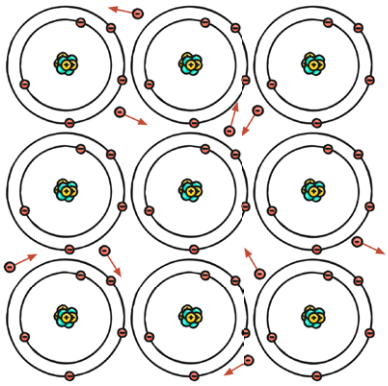
Atom

An atom is the basic building block of all solids, liquids and gases.



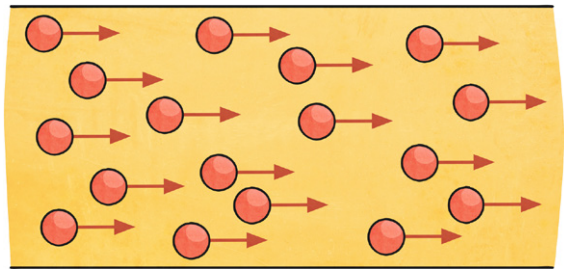
Electron

Free electrons are electrons that are not tightly bound to individual atoms in materials such as metals.



Free Electrons

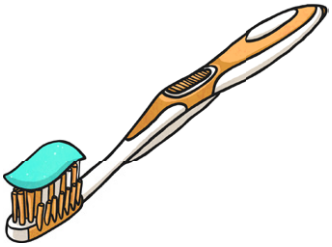
Free electrons are electrons that are not tightly bound to individual atoms in materials such as metals.



Electric Current

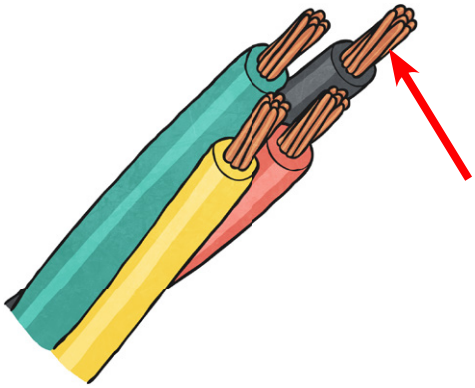
An electric current occurs when free electrons move in one direction.





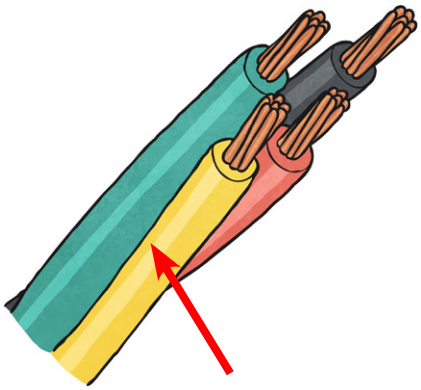
Appliance

An appliance is a device, piece of equipment or instrument which performs a task.



Electrical Conductor

An electrical conductor is a material containing atoms with free electrons.



Electrical Insulator

An electrical insulator is a material containing atoms without free electrons.