

Electricity

<https://www.youtube.com/watch?v=Clv6vu9d73c&spfreload=5>

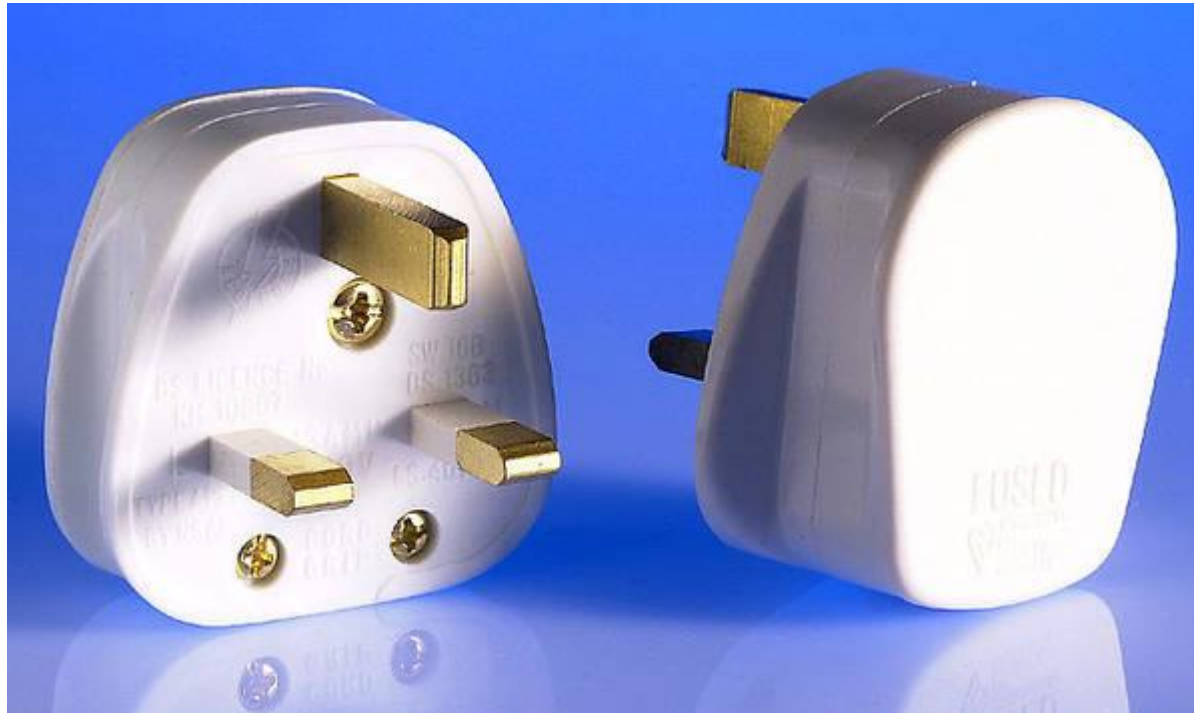
Electricity is a form of energy that is very important to our daily life. It is all around us. Electricity enters our homes and buildings through wires and sockets.

Lots of things use electricity around your home.
We call these **appliances**.



Electricity can come from a socket.

We call this **mains electricity**.



A television uses mains electricity.



We know this because
it comes from a plug
in the wall.



Electricity can also come from a battery.



A torch uses a battery.

We know this because it works without being plugged into the wall.

What do these use?



What do these use?



What do these use?



Main Activity

Electricity is used to light, move, heat and amplify (make them louder) things.

What does electricity make the following things do?



Lamp



Fan



Drill



Kettle



Toaster

In your book draw some household appliances, explain their uses and possible dangers, label materials.

Challenge:

Can you answer these questions?

- What is the correct name for a single battery?
- Why should you never take an electrical device in to a bathroom?
- Is metal a conductor or insulator of electricity?
- Is plastic a conductor or insulator of electricity?
- Why should you never try to get your toast out of the toaster with a metal knife?