

Hello



Electricity



Electricity is all around us.



We use electricity to make light or sound.



We use electricity to **heat things up**
or **cool things down**.



We use electricity to make things move.





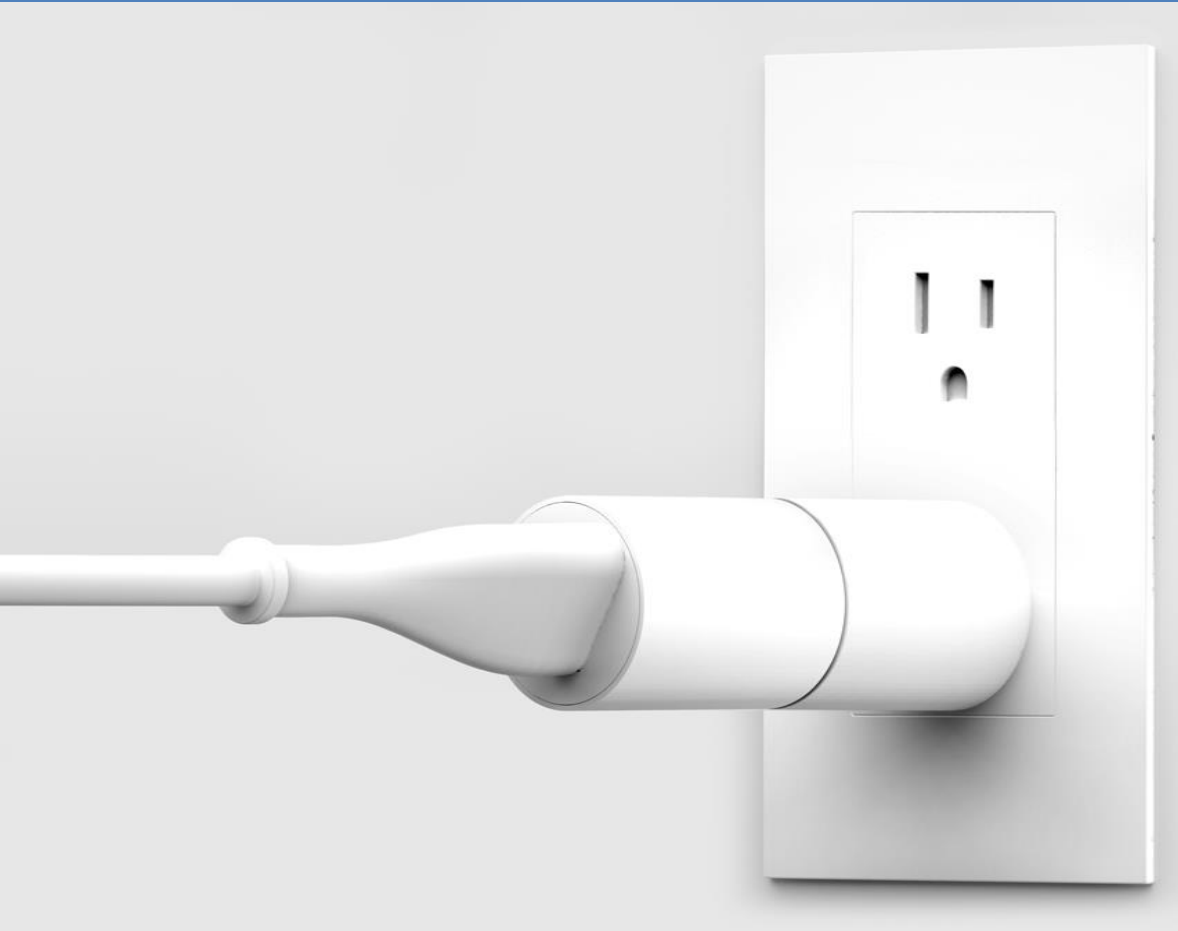
Look at the picture. Which things use electricity?



Main electricity and cell

main
electricity

cell
(battery)



Things that we plug in use
main electricity.



Small electrical things often use **cells**.
(A cell is often called a **battery**.)



* 3.2. Mains electricity and cell

Electricity is very useful. It makes lots of things work.

Things that we plug in use **mains electricity**.

Small electrical things often use **cells**.
(A cell is often called a **battery**.)



mains
electricity

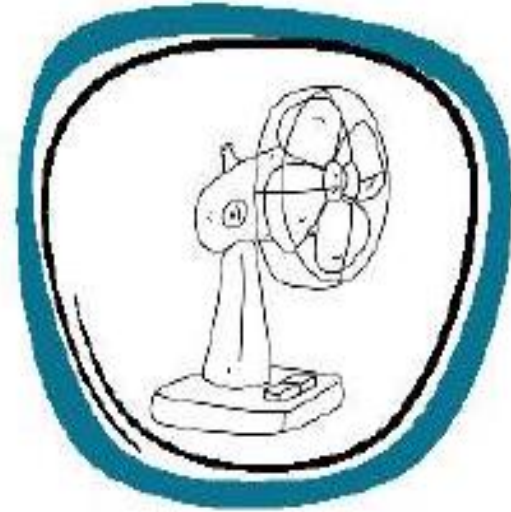
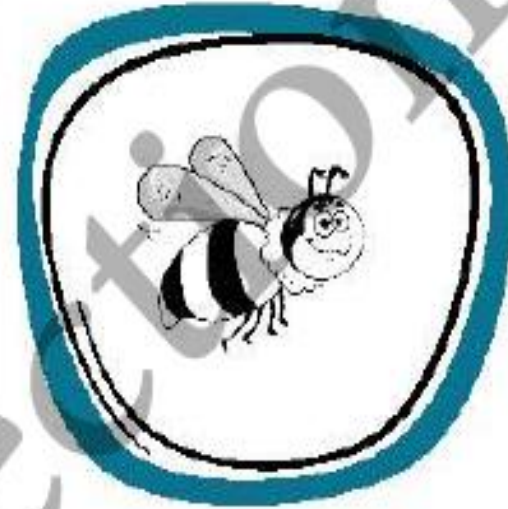


electricity
from cells

Does it use
electricity?

Does it use electricity?

Colour in.



Which of these objects use mains electricity and which use a cell? Tick one box.



mains electricity

cell



mains electricity

cell



mains electricity

cell



mains electricity

cell

You will need:
a notepad and pen,
or a camera.

Walk around your home or school and photograph or note the things that use electricity.

Say if they use mains electricity or cells.

Do not handle plugs and mains electricity; it is very dangerous.

* 3.3. Making a circuit

The electricity from cells is less powerful than mains electricity. Small cells are safe to use. Touching the metal parts will not give you an electric shock.



Each cell has a positive terminal (+) and a negative terminal (-).



A bulb or lamp.



A bulb holder.



Copper wire covered in plastic.

A cell pushes electricity around a **circuit**. It has a positive (+) side and a negative (-) side. The **bulb** lights up when electricity goes through it. The wire is used as a **connector**.

BYE

