



Sound and movement

Electricity is used to make many things move. Some movements produce sounds.



Electricity is used to make lifts work, to power electric drills, to work lawnmowers and hedgetrimmers.

Inside all of these things are motors. Motors turn electricity into movement.

Electricity is also used to make movements in the air. These are sounds. The loudspeaker in your radio or CD-player changes electricity into sound.

The larger the sound, the more electricity is used. These headphones (above) use very little electricity. The loudspeakers (right) use a lot more.



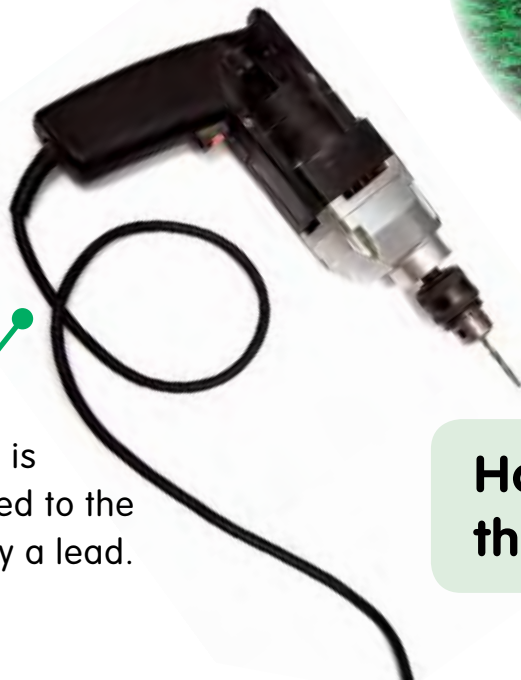
The escalators in this shopping centre have electric motors inside them.



These drills both use electric motors. The top one runs on batteries.



This is an electric hedgecutter. It uses a motor to work the blades.



This drill is connected to the mains by a lead.

How many things do you know that use electric motors?