

What is a magnet?

A magnet is a piece of iron or steel that can pull some materials towards it.



circular magnet



horseshoe magnet



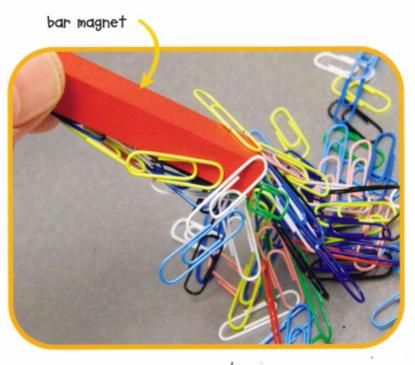
button magnets



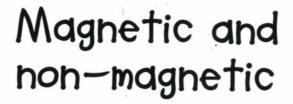
fridge magnets

Magnets come in all shapes and sizes.

Magnets can pick up things. When something is picked up by a magnet, we say the magnet has attracted it.



▲ The bar magnet has attracted the paperclips.



Magnets will only attract objects made of steel and iron. These are called magnetic materials.



Lots of materials are not attracted to a magnet. These are called non-magnetic materials.





You can sort materials by whether they are magnetic or non-magnetic.



Some keys are made of steel. Other keys are made of a metal called brass, which is non-magnetic.



You can use a magnet to sort materials. This magnet has attracted this key. Is the key made of brass or steel?