No mark will reflect here - sorry

Science
Magnetism

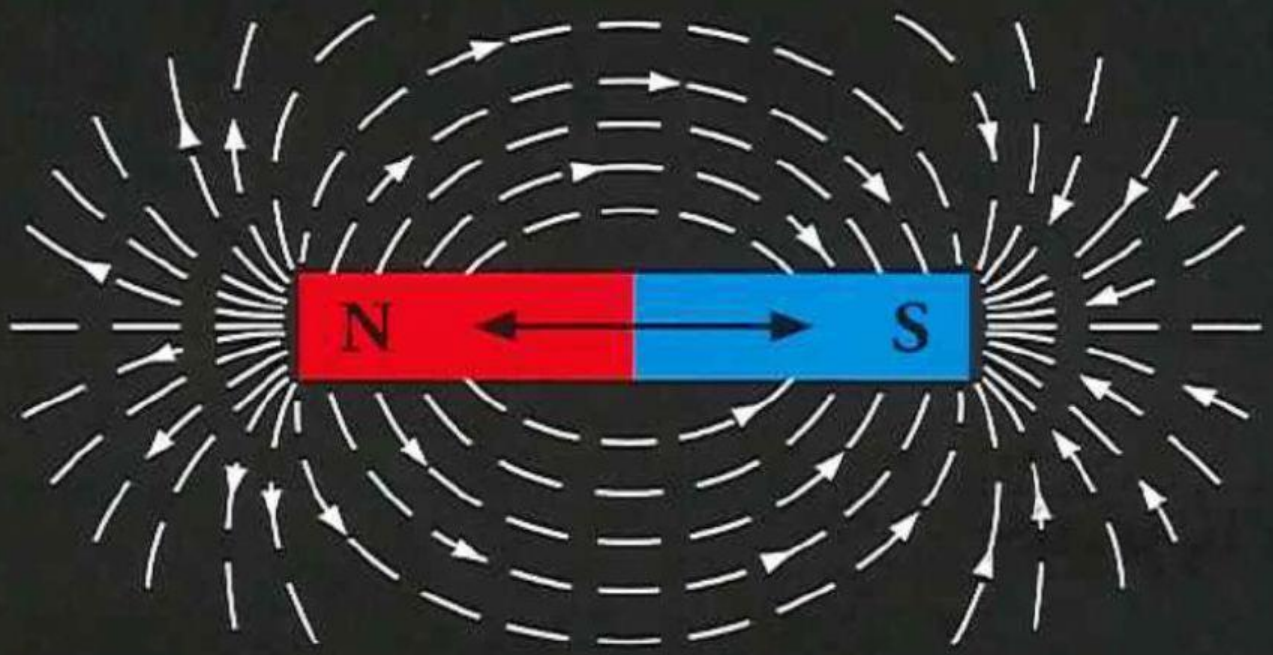
Magnetism is a hidden force, caused by electrons inside the atoms from which all things are made. You stick to the ground partly because you are a little bit magnetic, and Earth is like a giant magnet. You do not notice the magnetism between Earth and your body because gravity is stronger. For small things, magnetism can be much stronger than gravity – that is why magnets cling to your refrigerator.

Magnetism is a _____ force, caused by _____ inside the atoms from which _____ things are made.

Name 2 forces that helps us stick to the ground:

_____ _____

For small things _____ can be much stronger than _____.



MAGNETIC FIELD PATTERNS

Magnets have two ends – a north pole (N) and a south pole (S). A magnetic field (invisible pattern of magnetism) curves from north to south. Put a nail in this field and it is pulled towards the magnet.

Name the two ends of a magnet:

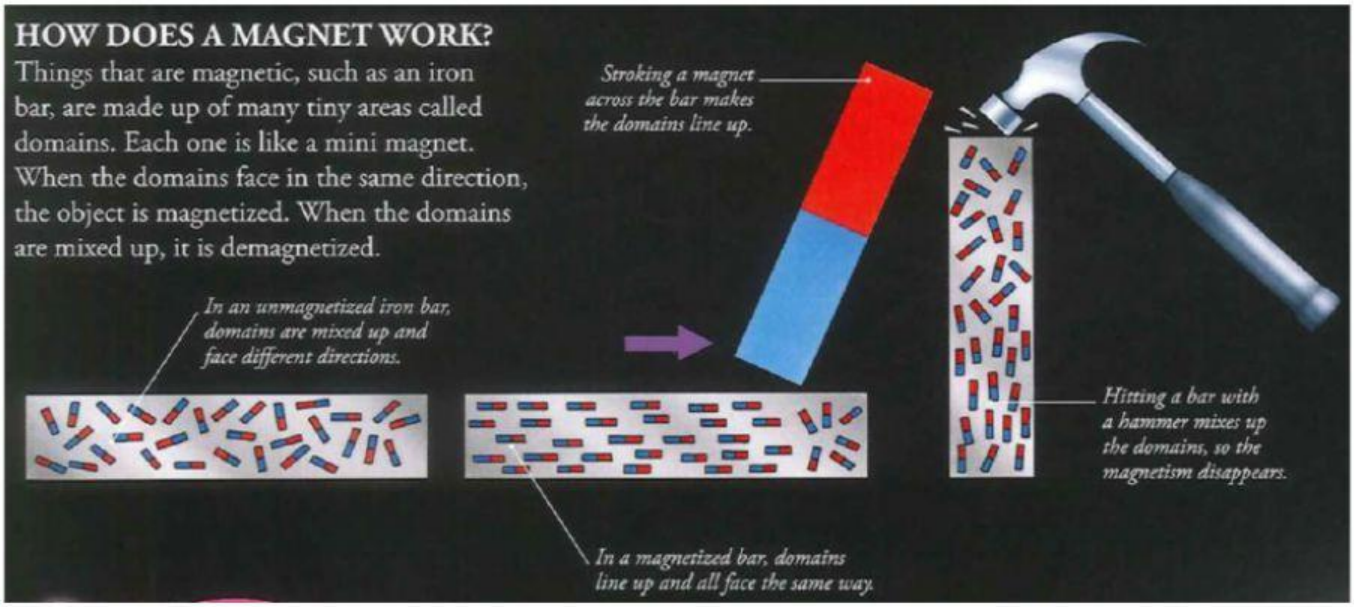
_____ _____

What is a magnetic field?

Draw a magnetic field and attach it to EDMODO

HOW DOES A MAGNET WORK?

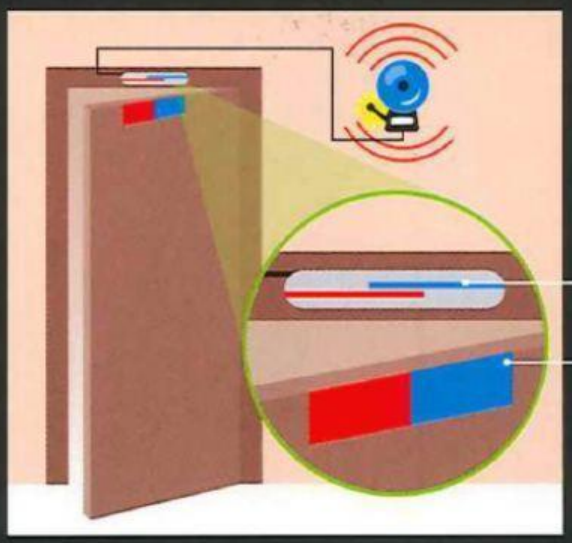
Things that are magnetic, such as an iron bar, are made up of many tiny areas called domains. Each one is like a mini magnet. When the domains face in the same direction, the object is magnetized. When the domains are mixed up, it is demagnetized.

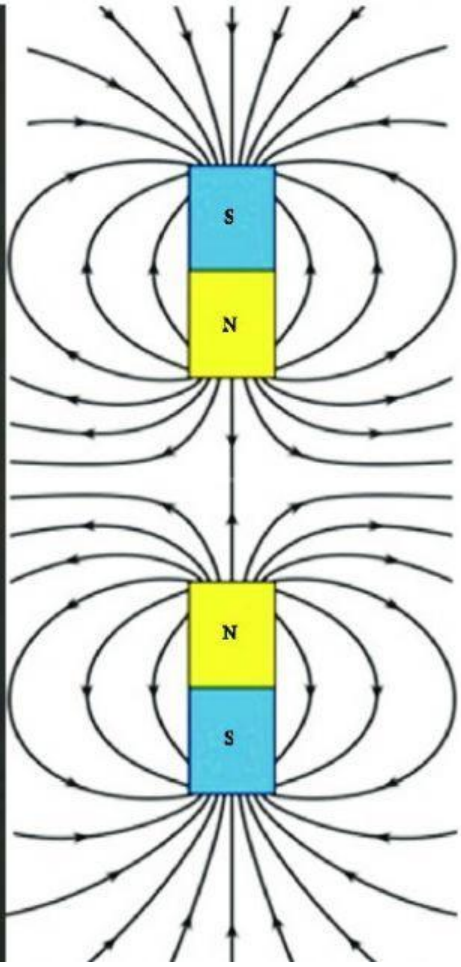


In your own words - explain how a magnet works:

MAGNETIC SWITCHES

Magnets can catch burglars. A magnet sits on the door, and a magnetic switch sits on the frame. When the door closes, the magnet pushes apart two contacts in the switch. When the door opens, the switch moves away from the magnet and the contacts spring together. This completes a circuit and the alarm rings.





Please watch this video:

In your own words - What do you remember?

Click here: