

MAGNETS

WITH THE NAME OF ALLAH, MOST GRACIOUS, MOST MERCIFUL.

Magnets can do strange things. That is what makes them such fun to play with.

What is a magnet?

A magnet is a piece of iron, steel, ore, etc. that can attract objects made of metal.

A magnet can make nails or pins stick together, just like people holding hands.

Magnets can even 'lead' each other across a piece of glass.

A magnet on top of a glass table follows the magnet that is pulled along under the glass.

A special force, or pull, makes a magnet work.

The force is strongest in two places on a magnet called 'poles'.

All magnets have two poles --- a north pole and a south pole.

Each pole of a magnet will pull iron and steel objects to itself.

Each pole will pull itself to one pole of another magnet.

The north pole of one magnet will grip to the south pole of another.

Magnets stick together like best friends.

The poles of a magnet show that our Rabb has made things in pairs.

We read in Sura al-Zariyat (ch. 51): verse 49:

"and of each thing we have created pairs : that you may receive instruction."

If you put two north poles or two south poles together, the magnets will try to push each other away.

Magnets come in different shapes. They may be shaped like a bar, or a ring, or a horseshoe.

But whatever the shape of the magnets, when they are brought together the different poles will always pull each other together, and the same poles will always try to push each other apart.

Worksheet

1) How many poles does a magnet have and what are they called?
