

Fun with Magnets

Q1. Write properties of a magnet.

Ans. Properties of a magnet are:

1. Magnet attracts materials like iron, nickel, cobalt.
2. The force of attraction of magnet is greater at the poles than at the centre.
3. Like poles repel each other and unlike poles attract each other.
4. Magnetic poles always exist in pairs.
5. If a bar magnet is suspended by a thread and if it is free to rotate, its South Pole will move towards the North Pole of the earth and vice versa.

Q2. How can we safely store magnets?

Ans. To keep them safe, bar magnets should be kept in pairs with their unlike poles on the same side. They must be separated by a piece of wood while two pieces of soft iron should be placed across their ends. For horse-shoe magnet, one should keep a piece of iron across the poles. Keep magnets away from cassettes, mobiles, television, music system, compact disks (CDs) and the computer.