

WORKSHEET – SA 2 (2011-2012)
STD. VI
SCIENCE

LN. 13 : FUN WITH MAGNETS

I. Fill in the blanks :

1. A freely suspended _____ always points in the north-south direction.
2. Similar poles of two magnets always _____ each other.
3. Bar magnet is an example of _____ magnet.
4. A magnetic _____ is used for finding geographic direction.

II. Write true or false in front of the statements given below:

1. Bar magnet is more powerful than natural magnet.
2. Magnetic poles always exist in pairs.
3. Magnetic attraction is maximum in the middle of a bar magnet.
4. Magnetic Compass is used for finding magnetic directions.
5. Small pieces of wood are attracted by a strong magnet.
6. A magnet can separate iron nails from a mixture of iron filings and iron nails.

III. Classify the given materials as magnetic or non-magnetic :

A shaving blade, a plastic ruler, a steel cupboard, a brass button,
a piece of chalk, a plastic mug, a blade of knife, water, wooden stick,
copper wire, iron nail, sewing needle, paper clip, eraser, safety pin, cork,
spoon, rubber band, tooth brush.