

Class: VI

FUN WITH MAGNETS WORKSHEET

I) Name the following:

1. A natural magnet
2. 'U' shaped magnet
3. Device used to find the geographic directions
4. Pieces of iron used to store magnets
5. Ends of a magnet where the magnetic strength is maximum
6. The property of a magnet by which it attracts small pieces of iron
7. Two poles of magnet
8. 3 Magnetic substances
9. 3 Nonmagnetic substances
10. Name two properties of a magnet

II) Define the following:

- 1) Natural magnet
- 2) Artificial magnet
- 3) North pole
- 4) South pole
- 5) Magnetic substances
- 6) Non magnetic substances
- 7) Compass
- 8) Magnetic poles

III) Correct the following statements:

- 1) Magnetic strength is maximum in the middle of a bar magnet
- 2) Unlike poles of a magnet repel each other
- 3) A pair of magnets are stored in such a way that their similar poles face each other
- 4) Magnetite is a powerful artificial magnet

IV) Distinguish between:

- 1) Natural and artificial magnets
- 2) Magnetic and non magnetic materials
- 3) North pole and south pole

V) What happens:

- 1) When S pole of a magnet is brought near the South Pole of a freely suspended magnetic needle
- 2) When S pole of a magnet is brought near the North Pole of a freely suspended magnetic needle

VI) Fill in the Blanks:

- omit ←
- 1) Bar magnet is an example for _____ magnet.
 - 2) _____ is the world's 1st magnet
 - 3) _____ property of magnet was useful for sailors.
 - ~~4) _____ is the simplest method of making a magnet.~~
 - 5) Similar poles of a magnet _____ while opposite poles of a magnet _____
 - 6) A freely suspended bar magnet always points in _____ direction

THE END

