Dr. Virendra Swarup Education Centre, Panki, Kanpur

LESSON- (Fun with Magnets)

1. How can you test if given piece of magnetic material is a magnet?
2. Why does a freely suspended magnet point in north south directions?
3. What will happen if we go on breaking magnet?
4. Distinguish between single touch and double touch method of making magnet
5. Why magnetic keepers are are used to store magnet?
6. We should always take precaution while handling magnet not to drop why?
7. What happens when the north pole of a magnet is placed near the north pole of another magnet?
8. It was observed that a pencil sharpener gets attracted by both the poles of a magnet, although its body is made of plastic. Name a material that might have been used to make some part of it.
9. Which magnet is used in electric bell?
10. What is a temporary magnet? What material is used for this purpose?
11. Why the earth behaves as a huge magnet?
12. Few iron nails and screws got mixed with the wooden shavings while a carpenter was working with them. How can you help him in getting the nails and screws back from the scrap without wasting his time in searching with his hands?
13. Where is magnetite found ?
14. Why is magnetite known as ‘loadstone’ ?
15. Differentiate between natural and man-made magnets ?
16. What are electromagnets ? How does it work ? (b) Where are they used ?
17. How is the strength of a magnet determined ?
18. ‘Our planet earth behaves like a magnet.’ Explain.
19. How do you understand by ‘magnetic keepars’ ?
20. Why should we not place magnets near a computer or a cell phone ?
21. How does a magnet loose its power ?
22. Write an activity to show that the magnet is maximum near the poles