

DELHI PUBLIC SCHOOL, GAYA

WORKSHEET-1

Subject : Chemistry

Class : IX

Answer the following questions:

- Which of the following are matter?
Chair, air, love, smell, hate, almonds, thought, cold, cold-drink, smell of perfume.
- Give reasons for the following observation :
The smell of hot sizzling food reaches you several metres away, but to get the smell from cold food you have to go close.
- A diver is able to cut through water in a swimming pool. Which property of matter does this observation show?
- What are the characteristics of the particles of matter?
- Give reason for the following observations.
 - Naphthalene balls disappear with time without leaving any solid.
 - We can get the smell of perfume sitting several metres away.
- Arrange the following substances in increasing order of forces of attraction between the particles – water, sugar, oxygen.
- Give two reasons to justify :
 - water at room temperature is a liquid.
 - an iron almirah is a solid at room temperature.

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