



INDIAN SCHOOL NIZWA - WORKSHEET

CHEMISTRY

CH: 1 MATTER IN OUR SURROUNDINGS

Name: _____

Date: _____

Class: IXSec: ____

1. Which phenomenon occurs during the following changes?
 - a) Formation of clouds
 - b) Drying of wet clothes
 - c) Wax melts in the sun
 - d) Size of naphthalene balls decreases
2. “Evaporation causes cooling”. Explain the reason for this effect.
3. What is evaporation? In the following examples state which factor is responsible for the change in the rate of evaporation and how?
 - a) Clothes dry faster on a windy day
 - b) Wet clothes dry faster on spreading them
 - c) Clothes dry faster in sun than in shade
 - d) Clothes take longer time to dry on a rainy day.
4. State the property of matter that enables aquatic plants and animals to survive in water.
5. Solids do not diffuse. Why?
6. Sponge is a solid, yet we are able to compress it. Why?
7. What happens when an inflated balloon is pricked with a pin? Name the property of the gaseous state exhibited by this observation.
8. Select the substances which undergo sublimation.
Solid CO_2 , Solid water, ammonium chloride, salt, naphthalene, cheese, camphor.
9. Give an activity to show that particles of matter have space between them



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10. In which case evaporation is faster near the sea or far away from the sea?

Give reason for your answer.

11. What do you mean by dry ice? Why CO_2 is kept under low pressure?

12. How does diffusion of honey differs from the diffusion of ink and why?