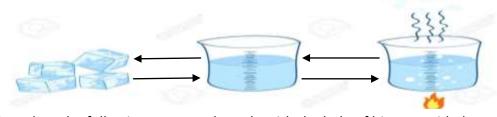
CLASS-4 SCIENCE WORKSHEET

CHAPTER 12: MATERIALS AND THEIR PROPERTIES

1)	Fill in the blanks:	

- a) ______ is the process of changing solid into liquid.
- b) Matter is made up of very small particles called______.
- c) Camphor can change directly from solid to ______.
- d) In a sugar solution, the solute is
- 1) State true or false for the following statements and mention reason along with them.
 - a) Liquids have definite shape.
 - b) Liquid changes to gas on cooling.
 - c) Air occupies space.
 - d) Ink in an insoluble substance.
- 2) How is the arrangement of molecules in ice different from the arrangement in water?
- 3) Give examples for:
 - a) Insoluble materials
 - b) Gas changing into liquid
- 4) Differentiate between the following"
 - a) Solute and solvent
 - b) Saturated and unsaturated solutions
- 5) Explain any five physical properties of matter.
- 6) Explain a small activity to demonstrate that air occupies space.
- 7) Label the following diagram and explain them.



8) Complete the following crossword puzzle with the help of hints provided:

Across:

- 2. Particles that make up matter
- 4. It has volume and occupies space.
- 6. A component of solution
- 7. A physical property of matter

Down:

- 1. Liquid has definite .
- 3. Solution which can take more solute.
- 5. Process of changing from liquid to gas.
- 6. has definite shape and volume.

