



# ST. LAWRENCE HIGH SCHOOL

A JESUIT CHRISTIAN MINORITY INSTITUTION

27, Ballygunge Circular Rd, Kolkata- 700019



Term: First

Sub: Science

Class: 4

Date: 27.04.20

Lesson: Matter-Solid, liquid and Gas

Topic: States of Matter

## WORKSHEET - VII

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### 1. Fill in the blanks:-

- a) Matter is anything that has .....and occupies space.
- b) Particles are most closely packed in.....
- c) Matter is composed of tiny particles called.....
- d) .....is a mixture of many gases.

### 2. Underline the correct answer given in bracket:-

- a) It can change its shape but has a definite volume- (Liquid, Gas)
- b) The amount of space that a substance occupies- (Matter, Volume)
- c) The molecules in gas are- (loosely packed, tightly packed)
- d) The quantity of matter contained in an object is called- (volume, Mass)

### 3. Match the column:-

- a) Solids have a  tiny particles called molecules.
- b) Liquids change their shape  heating or cooling.
- c) Matter is composed of  definite shape and volume.
- d) The states of matter can change on  but have a definite volume.

### 4. Complete the following:-

- a) Molecules in liquids are not as.....
- b) Adding more matter to an object.....
- c) Matter is anything that has.....
- d) Matter exists in nature as.....

### 5. Identify the states of matter:-

- a) Can occupy all the available space:
- b) Can flow:
- c) Has fixed shape and size:

### 6. Draw the following diagram given in the bracket:- (Molecules in a solid, Molecules in a liquid and Molecules in a gas)