



LITTERA PUBLIC SCHOOL

CLASS V

CHAPTER 9

SCIENCE

MATTER AND MOLECULES

Answer the following questions

1. What is matter made up of?

Ans. Matter is made up of tiny particles called molecules.

2. Define the term solute, solvent and solution?

Ans. Solute - The substance that dissolves to form a solution is called a solute.

Solvent - The substance in which a solute will dissolve is called a solvent.

Solution - A solution forms when a substance dissolves, or breaks apart, into another substance.

3. Why does sugar get dissolve in water?

Ans. Sugar dissolves in water because it breaks up into individual molecules and goes into the spaces between water molecules.

4. Why do liquids flow? Describe briefly.

Ans. Liquids flow because the particles in a liquid are not very tightly bound to each other and they have high intermolecular spaces between them, which allows the particles to be displaced or move causing the liquids to flow.

5. What is a chemical change? Give an example.

Ans. A change of materials into another new materials with different properties is called chemical change. Example – burning of paper, souring of milk, cooking of food etc.