

Class-VI

Chapter-1

Teacher: Nimrita

Subject: Physics
Matter

Good Morning Children. This lesson is for Class-VI, Subject: Physics, Chapter-1 Matter of your textbook Concise Physics, Selina Publications. It is being submitted to you on 22.4.24. In this chapter, we will study about Matter, Characteristics of particles of matter and states of matter.

Definition:- Matter is anything that has mass and occupy space.

Characteristics of particles of matter:-

- They are very small in size.
- They have spaces between them.
- They are in constant random motion.
- They always attract each other.

States of matter:-

Solids:- (Molecular model)

- A solid has a definite shape and size.
- A solid cannot be compressed.
- A solid is highly rigid.
- A solid has strong inter-molecular force of attraction.
- The molecules of a solid are packed tightly.

Chapter-VI

Subject: Physics

Chapter-1

Matter

Teacher: Nimrita.

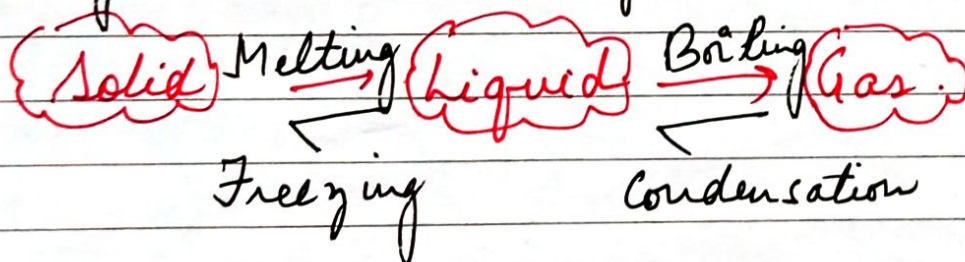
Liquids (Properties and Molecular model):-

- Liquids have a definite volume.
- Liquids can flow.
- Liquids are less rigid.
- They are loosely packed.
- They are compressible.

Gases (Properties and Molecular model):-

- Gases are highly compressible.
- Gases can flow.
- Gases are not rigid.
- Density of gases is low.
- Gases are in incessant random motion.

Changes in state of matter:



I am ending today's topic. Read page 3-10 from your book.
Thank you!

Last page.