

Tender Heart High School, Chandigarh.

Class-V-B

Subject:- Science

Date

21-10-24

Solids, Liquids and Gases

Teacher: Nimrita

Good Morning students!

This lesson is of class-V, for the subject of Science, Chapter-7, Solids, Liquids and Gases of your textbook, New Trends in Science, Evergreen Publications. It is being submitted to you on **21st October, 2024**

In the last lecture, we studied about sedimentation and decantation. Today, we will study about atmosphere, Land Breeze and Sea Breeze.

The Atmosphere:-

Atmosphere is the envelope of air around us.

Composition of air:-

Nitrogen - 78% Oxygen - 21% Carbon dioxide - 0.02%

Water vapour - variable Rare gases - 1%

Impurities - Variable.

Movement of air:-

Blowing or moving air is called as wind.

Convection currents in air:-

The warm air rises up and the cold air sinks down. This phenomenon is known as convection currents.

*** It is used in ventilators and exhaust fans.**

Land and sea breeze:-Sea Breeze:- (Day)

The land is more warm than sea. The air over the land becomes hot and rises up. To take its place, the cooler air from

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the sea moves towards the land. This cool air which moves from sea towards land is known as sea breeze.

Land Breeze: (Night)

During night, the land loses its heat and gets cooled faster than sea. The air over the sea being warmer rises up and to take its place, cooler air from the land starts moving towards the sea. This cool air which moves from land towards sea is known as land breeze.

