

MATTER

CHAPTER NO.1 SUB: PHYSICS

CHANGING YOUR TOMORROW

LEARNING OUTCOMES

- **Students will be able to :**
- Demonstrate matter in three states.
- Demonstrate change of state.
- Explain different terms like boiling, melting, freezing.

CHANGING YOUR TOMORROW

POINTS TO BE COVERED

- Summarization of the chapter
- Exercise questions.

CHANGING YOUR TOMORROW

INTRODUCTION

- Define matter.
- Characteristics of molecules.
- Three states of matter.
- Evaporation

- **Write true or false for each statement:**
- The temperature of a substance remains unaffected during its change of state.
- Ice melts at hundred degrees Celsius.
- Water at hundred degrees Celsius has more heat than steam at hundred degrees Celsius.
- Evaporation of a liquid causes cooling.
- Water evaporates at hundred degrees Celsius.
- Boiling takes place at all temperatures.
- Evaporation takes place over the entire mass of the liquid.
- The process of gas converting directly into solid is called vaporization.
- At Higher altitudes water boils at 100 degree Celsius.
- The melting point of ice is zero degree Celsius

- Evaporation takes place at _____ temperatures.
- _____ Process is just the reverse of melting.
- _____ is a process that involves direct conversion of solid into its vapour on heating.
- The temperature at which solid converts into liquid is called its _____.

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