

Changing States of Matter VOCABULARY

KEY

Define the following words:

freezing - the process of changing states of matter, from a liquid to a solid (COLD) state

In the case of water . . .

Example: Ice cubes in the freezer (water freezes at 32 degrees Fahrenheit, temp must be that or lower.)

melting - the process of changing states of matter, from a solid to a liquid state; adding heat

Example: The wax melted as the candle burned.

evaporating (or evaporation) - the process of changing states of matter, from a liquid to a gas

Example: water vapor from a hot tea kettle

condensing (or condensation) - the process of changing states of matter, from a gas to a liquid

Example: The condensation of steam from the boiling tea kettle made the window fog up.

sublimation - to convert a solid into a gas, skipping the liquid state; sublime.

Example: when heat is added to icy road, steam (gas) rises up from pavement

deposition - to convert a gas into a solid, skipping the liquid state; root word - "deposit"

Example: Dry ice and penny; heat is removed, leaving frost deposits