3.3 Phase Change

**Unit:** 2 – Matter

### Learning Objectives:

a. Describe phase changes

b. Explain how temperature can be used to recognize a phase change.

c. Explain what happens to the motion, arrangement, and average kinetic energy of water molecules during a phase change.

d. Describe each of the six phase changes

e. Identify phase changes as endothermic or exothermic.

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### Language Objectives:

* Understand and correctly use the terms “phase change”, “endothermic”, “heat of fusion”, “exothermic”, “vaporization”, “heat of vaporization”, “evaporation”, “vapor pressure”, “condensation”, “sublimation”, “deposition”

### Notes: