

Particle Theory

Worksheet

1. Watch this Video and Complete the activities

2. Tabulate the differences between Evaporation and Boiling

Evaporation	Boiling

Quick Slow

Occurs at a definite temperature

Occurs at all temperatures

Bubbles are formed

Sunlight or surrounding temperature is the major source

No bubbles are formed

Takes place only from the exposed surface of the liquid

Sunlight or surrounding temperature is the major source

To initialize this process a heat energy source is supplied to the liquid

3. Look at the pictures given below and



- A. A source of energy is required.
- B. At any temperatures
- C. Only from the surface

- D. The liquid vaporizes in the whole volume
- E. The temperature of liquid decreases