

True/False Questions

WRITE T or F

Water vapour is the liquid form of water.(...)

Evaporation is when a liquid turns into a gas.(...)

Heated particles in a liquid move faster and further apart.(...)

Matter can exist in four states: solid, liquid, gas, and energy.(...)

Evaporation happens because particles at the surface escape into the air.(...)

Heat energy makes evaporation happen more quickly.(...)

Sweat cools the body because evaporation removes heat from the skin.(...)

Liquids evaporate faster when the air is still and not moving.(...)

Moving air carries away water vapour, allowing more evaporation to occur.(...)

If the air above a liquid is full of vapour, evaporation slows down.(...)

True/False Questions

WRITE T or F

- **During evaporation, particles deep inside the liquid escape first.(...)**
- **Evaporation can occur at temperatures lower than the boiling point of a liquid.(...)**
- **As particles gain heat energy, they move slower and stay closer together.(...)**
- **When water evaporates from the skin, it removes heat energy from the body.(...)**
- **Wind slows down evaporation by keeping water vapour above the surface.(...)**
- **Evaporation happens because some particles in a liquid have enough energy to break free from the surface.(...)**
- **If the air above a liquid is already saturated with vapour, evaporation will speed up.(...)**
- **Heat energy is absorbed by liquid particles during evaporation.(...)**
- **Evaporation changes water from a solid state to a gaseous state.(...)**
- **Faster-moving air above a liquid surface increases the rate of evaporation.(...)**

One-Word Answer Questions

- What gas does water change into when it evaporates?
- What do we call the process when a liquid changes into a gas?
- What kind of energy makes particles move faster?
- Which state of matter does water turn into during evaporation?
- Which particles escape first during evaporation — surface or deep?
- What type of air movement increases evaporation?
- What cools our skin when sweat evaporates?
- What fills the air above a liquid that slows evaporation?
- In which part of the flower does fertilisation happen?
- What word describes air that is full of water vapour?