Science Fables

The Day Water Changed Its Mind

Story Quiz

This quiz explores how water changes between solid, liquid, and gas when heat is added or removed.

1. What happens when ice absorbs enough heat?

A. It freezes
B. It melts into liquid water
C. It turns directly into snow
D. It becomes colder

2. What is evaporation?

A. Liquid water changing into water vapor
B. Water vapor changing into liquid water
C. Liquid water changing into ice
D. Ice changing into liquid water

3. What happens during condensation?

A. Water freezes into ice
B. Liquid water boils
C. Water vapor cools and becomes liquid droplets
D. Ice absorbs heat and melts

4. Which change happens when liquid water loses enough heat?

A. Melting
B. Evaporation
C. Freezing
D. Boiling

5. What remains the same when water changes from ice to liquid or water vapor?

A. It is still made of water particles
B. It always keeps the same shape
C. It always stays at the same temperature
D. It stops being matter

Answer Key

1. B — It melts into liquid water

When ice absorbs enough heat, it melts into liquid water.

2. A — Liquid water changing into water vapor

Evaporation is when liquid water changes into water vapor.

3. C — Water vapor cools and becomes liquid droplets

During condensation, water vapor cools and becomes liquid droplets.

4. C — Freezing

When liquid water loses enough heat, it freezes.

5. A — It is still made of water particles

When water changes state, it is still made of water particles.