

The Water Cycle

Gradient Red to Blue exterior circle represents adding or losing energy which causes molecules of H₂O to change from one form to another.

The red portion of the gradient shows when energy is being absorbed, and the blue portion of the gradient is when energy is being lost.

When energy is being absorbed, the molecules speed up and become less regular in their arrangement. When energy is being lost, the molecules begin to move more slowly and become more regular in their arrangement. This is represented by the red and blue H₂O molecules in the logo.

Three internal sections represent the three states of matter... Solid, Liquid, Gas.

The colors of the internal sections represent liquid water in blue, water vapor (like clouds) in white, and water in a solid form (like ice cubes) in light blue.

The double arrows between sections represent the change either direction from one form to another.

Evaporation: water to water vapor. (energy absorbed)

Condensation: water vapor to water. (energy lost)

Melting: ice to water. (energy absorbed)

Freezing: water to ice (energy lost)

Sublimation: ice to water vapor (energy absorbed)

Deposition: water vapor to ice (energy lost)

