Key Learning

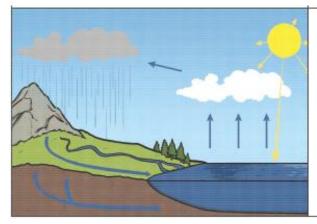
- 1. To use a comparative test to explore evaporation.
- 2. To explore condensation by observing over time.
- 3. To research and explain the water cycle.
- 4. To explain the water cycle using a non-chronological report.

Evaporation

Evaporation occurs
when water turns into water vapour.
This happens very quickly when the
water is hot, like in a kettle, but
it can also happen slowly, like a
puddle evaporating in the warm air.



when water vapour is cooled down and turns into water. You can see this when droplets of water form on a window. The water vapour in the air cools when it touches the cold surface.



- Water from lakes, puddles, rivers and seas is evaporated by the sun's heat, turning it into water vapour.
- This water vapour rises, then cools down to form water droplets in clouds (condensation).
- When the droplets get too heavy, they fall back to the earth as rain, sleet, hail or snow (precipitation).

Science - Y4

States of Matter

Knowledge Organiser

Key vocabulary

Solid

Liquid

Gases

State change

Melting

Freezing

Melting point

Boiling point

Evaporation

Temperature

Water vapour

Evaporate

Condense

Precipitation