Our Lady's Catholic Primary School – Knowledge Organiser

Science	Water Cycle	Year 4

Vocabulary:

Evaporate: The process by which water changes from a liquid to a gas or vapour

Vapour: The is the gaseous phase of water.

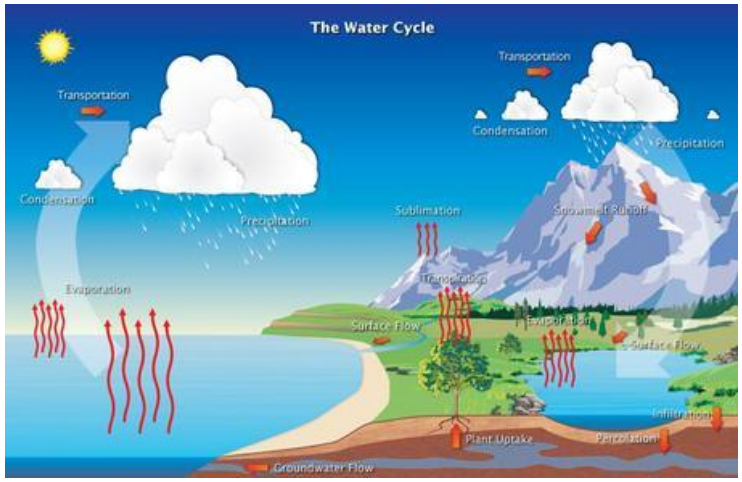
Condensation: The process by which water vapour in the air is changed into liquid water.

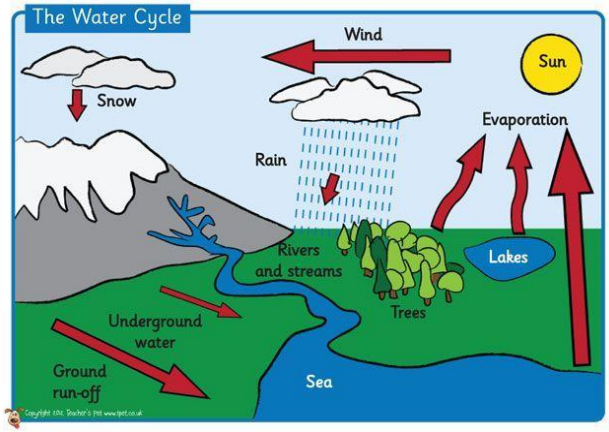
Precipitation: When water is released from clouds in the form of rain, freezing rain, sleet, snow, or hail.

Transpiration: the release of water from plant leaves

Runoff: water "running off" the land surface

Images of the Water Cycle





Sticky Knowledge

- To understand the part played by evaporation in the water cycle.
- To understand the role of condensation withing the water cycle.
- To be able to associate the rate of evaporation with temperature.

What should I already know

- Clouds form when warm, moist air is cooled.
- Heat from the sun evaporates water.
- Water evaporates into the air, turning into a gas called vapour

Key information

- Water never leaves the Earth, it simply moves around the 'water cycle'.
- The water cycle follows the journey of water from oceans to clouds to rain to streams to rivers and back into the ocean.
- The water cycle involves the scientific processes of evaporation and condensation and is also known as the hydrologic cycle ('hydro' means water in Greek).