

In geography we are learning about...

The Water Cycle and Ecology

Key vocabulary



Absorb - To take in or to soak up.

Atmosphere - The gases surrounding the Earth or other similar objects in outer space.

Condensation - The act or process of changing a gas to a liquid.

Ecology - The scientific study of the relationship between living things and their environments.

Evaporation - To turn from liquid to gas; the act of passing away as a vapour.

Gas - A form of matter that is neither liquid nor solid.

Liquid - A form of matter that is easily poured; neither a solid nor a gas.

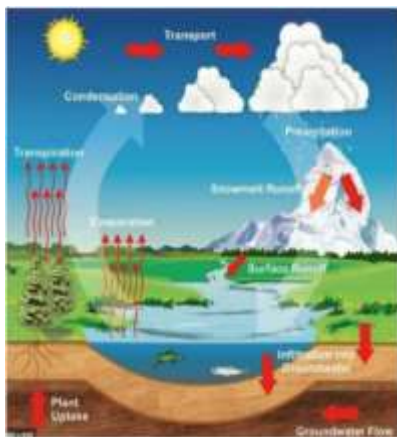
Pollution - The presence or introduction of a harmful or poisonous substance into the environment.

Precipitation - The act of water falling from the sky as rain, snow, sleet or hail.

Surface - The outside limit or top layer of something.

Transpiration - Evaporation of water from a plant's leaves, stem or flowers.

Water Vapour - Water that is in a gaseous state, especially due to evaporation.



Sticky knowledge



- Water can exist in three states: liquid, gas and solid.
- The Water Cycle includes the following stages: evaporation, condensation, precipitation, run-off and transpiration.
- The Water Cycle can impact on the environment e.g. causing flooding, pollution.
- Approximately 70% of the world is covered in water. There are also underground water reservoirs called aquifers.

Links to previous learning



- Evaporation happens when water (a liquid) turns into water vapour (a gas) when it is heated.
- Condensation happens when water vapour (a gas) turns into small water droplets (liquid) when it is cooled.
- Plants absorb water through the soil to help them grow.

Aspirations



- Scientist
- Conservationist
- Climate change advisor

Characteristics needed for this

topic:



- Curiosity
- Making links
- Questioning