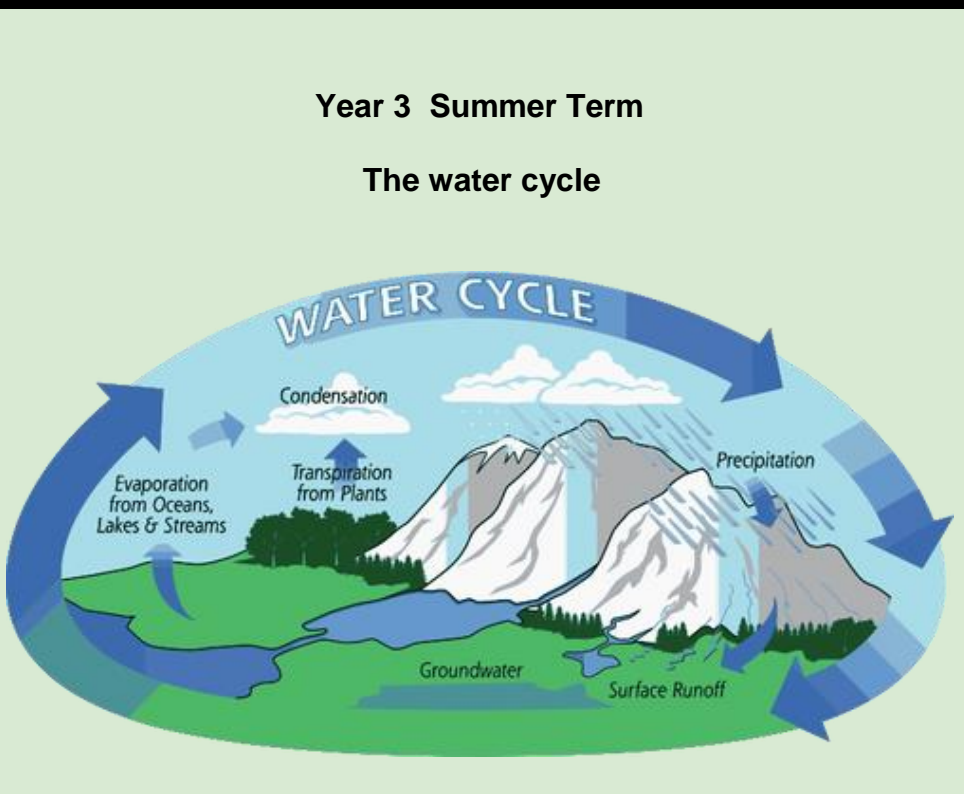


Key Learning:

The amount of water on Earth is constant.

Water cycle: Evaporation from the air, and transpiration from trees means that water vapour rises into the air. It condenses to form clouds and precipitation occurs when the clouds get heavy. Surface runoff is where water collects in lakes or rivers and is taken back to sea.

Rivers play a big role in the water cycle by transporting water from source to sea.



Key concepts:

Environment - The water cycle shows the continuous movement of water within the Earth and atmosphere.

Location - The water cycle operates at different scales in different places. It is strongly influenced by location, temperature and topography.

Distribution - Water in different phases moves through the atmosphere (transportation). Liquid water flows across land (runoff), into the ground (infiltration and percolation), and through the ground (groundwater). Groundwater moves into plants (plant uptake) and evaporates from plants into the atmosphere (transpiration)

Key skills:

Explain the water cycle using the key vocabulary: Evaporation, transpiration, water vapour, condensation, precipitation, surface runoff.

Summarise the physical characteristics involved in the process of the water cycle.

Key words:

water cycle, evaporation , transpiration, water vapour, condensation, clouds, precipitation , surface runoff, lakes, rivers ,sea, river, precipitation, solid, liquid, gas

Around two thirds of the world's water is in polar ice caps and glaciers.



Key facts:

- The water cycle is powered by the Sun.
- Heat makes water evaporate.
- Water cools and condenses and falls back to the ground.
- Water can exist in three forms: liquid (water), solid (ice) or gas (water vapour).

What I have been taught:

I live on planet Earth, in the world, in Europe, in the UK, in England, Dorset, Dorchester.

There are large areas of water on the planet.

The Uk is surrounded by sea.

The Oceans are: Arctic, North Atlantic, South Atlantic, North Pacific, South Pacific, Indian, and Southern oceans.

Human behaviour can impact on the physical features and physical features can impact on human behaviour.

