

# Year 4 – Water cycle

## Key Knowledge

### The Water Cycle

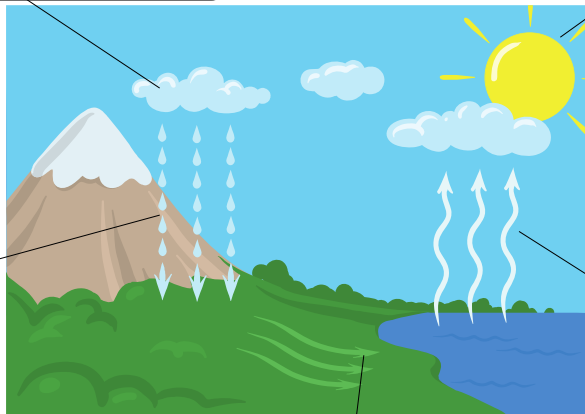
The way water changes between the earth's oceans, land and atmosphere.

The water on the Earth is the same water that the Cavemen drank- it is constantly reused in the water cycle!

As the vapour rises, it cools and condenses. This collects together to form clouds

+ cold

The sun gives energy and heat.



Tiny droplets of water build until they are too heavy and fall back to earth. This is called precipitation.

runoff & collection of water.

Water heats up and evaporates into the sky as water vapour.

## Key Vocabulary

clouds



A cloud is a large collection of very tiny droplets of water or ice crystals. The droplets are so small and light that they can float in the air. They are a mix of a solid (hail, snow) and a liquid (rain).

condensation



When water vapour (gas) cools and turns into a liquid.



Degrees Celsius  
°C

A measurement of temperature.  
Water changes from a liquid to a solid at 0°C  
Water changes from a liquid to a gas at 100°C

Evaporation



When a liquid warms up and becomes a gas.

Precipitation



Tiny droplets of water or ice crystals, which fall as rain, hail, sleet or snow.