

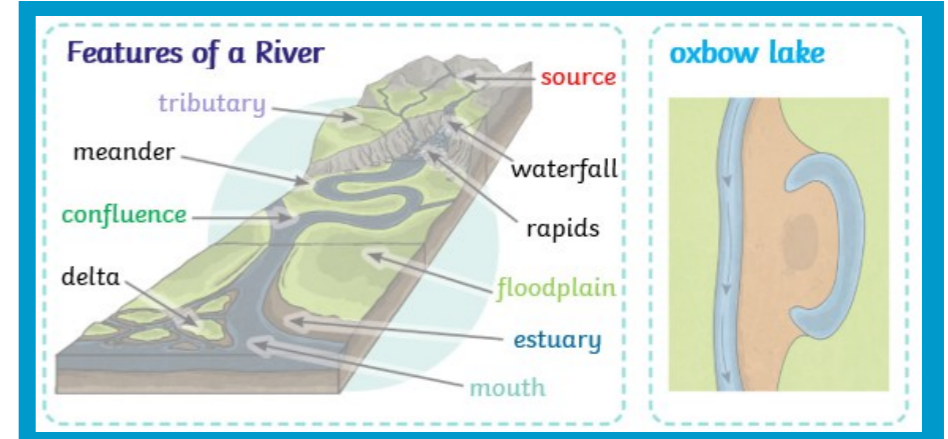
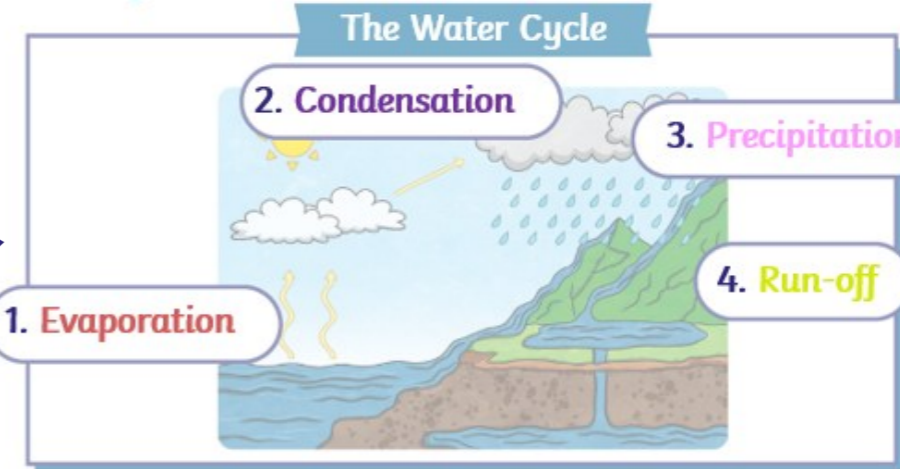
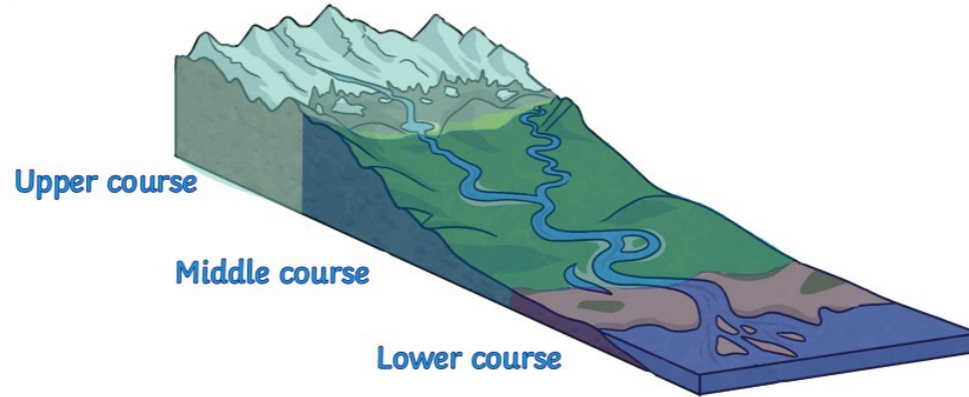
# YEAR 4 WATER STUDY

## Key Vocabulary

confluence	when two rivers, usually of equal width, meet and join becoming one main channel.
condensation	the process by which a gas turns back into a liquid
estuary	an area where a fresh water stream or river meets the sea or ocean.
erosion	the natural process where land is worn away (by wind, water or ice) and transported to another location.
evaporation	the process by which a liquid turns into gas after
floodplain	land next to a river that floods if it rains too much or the river overflows.
fresh water	water that has a low concentration of salt. It is found in rivers, lakes, ponds, glaciers, icebergs and caps.
mouth	(of the river) the place where a river enters a lake, larger river or ocean.
oxbow lake	a lake formed when a meander is separated from the river.
precipitation	water droplets, which have formed in the sky that have become too heavy to be suspended. They fall to Earth as rain, hail, snow or sleet.
run-off	when water is forced by gravity to move across the Earth's surface towards larger bodies of water.
source	where a river begins, often found in upland areas.
sustainable	the use of natural resources in a way that makes sure that there will be enough resources left for future generations.
tributary	a small stream that connects to a larger body of water, e.g. a river or lake.



## What are the different stages of a river's journey?



## Water

Only 2.5% of the Earth's water is **fresh water**. The majority of this **fresh water** is frozen in glaciers, ice and snow, which means less than 1% of the Earth's water is drinkable. This water is found in places such as rivers and lakes.

### Water Footprint

Every single thing we buy, use, wear and eat takes water to make. **Water footprint** is the amount of water that is used, from start to finish, to produce something.

<p><b>power shower</b> 13 litres a minute</p>	<p><b>bath (full)</b> 80 litres</p>	<p><b>toilet (modern cistern)</b> 5 litres per flush</p>	<p><b>hand washing</b> 3 litres</p>
---	---	--	---

## Using water sustainably

Take a short shower rather than a bath.

Wear clothes more than once if they're not dirty.

Make sure taps are turned off and not dripping, especially when brushing your teeth!