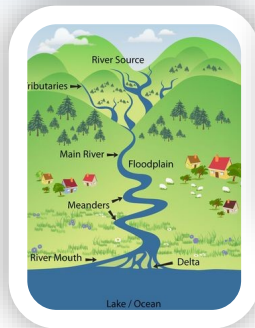
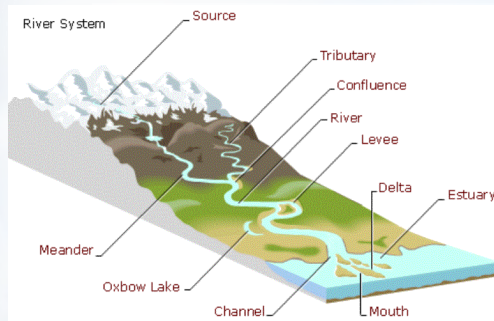
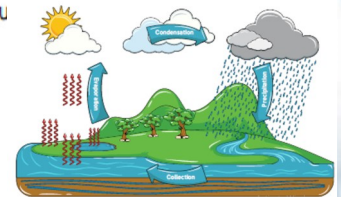


Journey down the River – Knowledge Organiser



The Water Cycle

1. The sun warms the sea
2. The sea water evaporates and turns into water vapour
3. The water vapour rises into the air
4. It condenses into water droplets and forms clouds
5. The clouds rise and then the water falls as rain
6. The rain flows into streams
7. The streams flow into rivers and the rivers flow into the sea.



Vocabulary

erosion	Erosion happens when materials, like soil or rocks, are picked up and moved to another place by ice, water, wind or gravity. All these materials are called sediments.
deposition	Deposition is when those sediments are deposited, or dropped off, in a different location.
mouth	The mouth of the river is a place where the river meets the sea.
evaporation	Evaporation is the process of turning from liquid into vapour. This is one of the stages of the water cycle.
transportation	When erosion and deposition take place it is the transportation that picks up and carry materials as they flow down-stream.
precipitation	Precipitation is water that is released from clouds in the form of rain, sleet, snow or hail.
condensation	Condensation is the process of turning vapour or gas to a liquid. For example clouds are caused by condensation in the air.
channel	The channel is the path through which the river flows.
source	The source of the river or stream is the original point from which the river flows. This is where the stream starts.
cycle	A series of events that are regularly repeated in the same order.

Rivers collect the run-off water from the precipitation (rain) and transport it across the land back to the ocean or sea. This keeps the water cycle going.

If too much rain (precipitation) falls in one area, the river in this area can quickly fill up, especially if the groundwater level is quite high too. This causes the river to break its banks and the water then floods onto the surrounding land.

Sticky knowledge

- ♦ I can explain the features of the water cycle.
- ♦ I can understand and label the main features of a river.
- ♦ I can describe why most cities are located by a river.
- ♦ I can name and locate a number of the world's longest rivers.
- ♦ I can name a number of the world's highest mountains.