**HOW DOES WATER GO ROUND AND ROUND? RIVERS AND THE WATER CYCLE**

|  |  |  |
| --- | --- | --- |
| **Key Vocabulary** | See the source imageSee the source imageSee the source image | **Key knowledge and understanding** |
| Evaporation | Water becoming a gas (water vapour). | * Wherever rainfall lands the water moves downhill.
* From a source a stream develops, it flows downhill, joins together with other streams; these eventually join to form a river. The streams are tributaries (think ‘contribute’) and where they join is called a confluence.
* As the water flows downhill it erodes a channel/valley and carries eroded material downstream. As the flow slows down on flatter land the material is deposited. The river might also wind around, forming meanders.
* Where a river joins the sea, possibly in an estuary, the water is brackish (salty) and the river is affected by tides.
* As glaciers move and rivers flow down mountains, they erode the landscape in to a V shape. Over many thousands of years, valleys are formed.
* The longest river in the UK is the Severn.
* The River Coln is a tributary of the Thames, which is the second longest UK river.
* The longest river in Europe is the Volga, in Russia.
* The longest river in the world is the Nile in Africa.
 |
| Condensation | Water vapour returning to a liquid. |
| Hydrological cycle | The process by which water is naturally recycled. |
| Percolation | The downward movement of water through the ground. |
| Infiltration | Water going into soil. |
| Source | The place where a river begins. |
| Estuary | The place where a river meets the sea. |
| Confluence | The meeting of two or more rivers. |
| Meander | Where the river bends (usually in its middle course). |
| Tributary | A river or stream flowing into a larger river or lake. |
| River basin | An area of land that drains into a river and its tributaries. |
| Glacier | A slowly moving mass or river of ice. |
| Erosion | Erosion is the process that wears away the river bed and banks. Erosion also breaks up the rocks that are carried by the river. |
| Transpiration | Transpiration is the evaporation of water from plants, especially leaves. |
| Delta | Islands formed at a river mouth due to the deposition of sediment that has been carried downstream. |