

Key Vocabulary:

Meander, Spring, River bed, valley, gorge, channel, dam, deposit/ deposition, mouth, source, tidal bore, tributaries

KNOWLEDGE ORGANISER—Rivers



What are the benefits and threats of living by a river?

What is the impact of flooding on local residents?

How do we use and manage rivers?

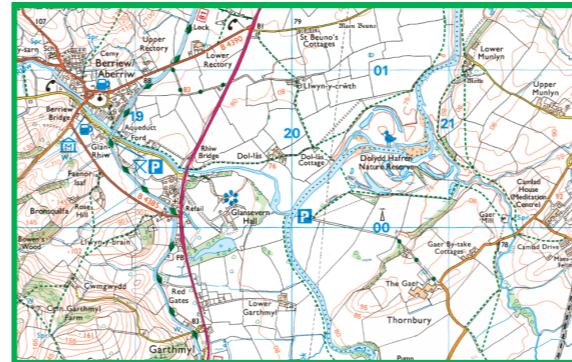


What causes flooding?

What is the impact of flooding on the affected towns, villages and rural areas?

How can we prepare against flooding?

What are some of the key flood defences?



Use maps of the River Sever and surrounding area to identify grid references.

What are some key landmarks along the river?

What do you notice about settlements along the river?



Can you follow the journey of the River Severn from source to sea?

Where does it start?

Where does it flow through?

Why does the river flow the path it does?



Fieldwork on the River Rea at Cleobury

Field sketch of the middle and lower course of the river.

How is the river formed?

How are meanders formed?

How and why do river banks erode.

What is the speed and velocity of the river?

Follow the route of river.

What are some of the major rivers of the world?

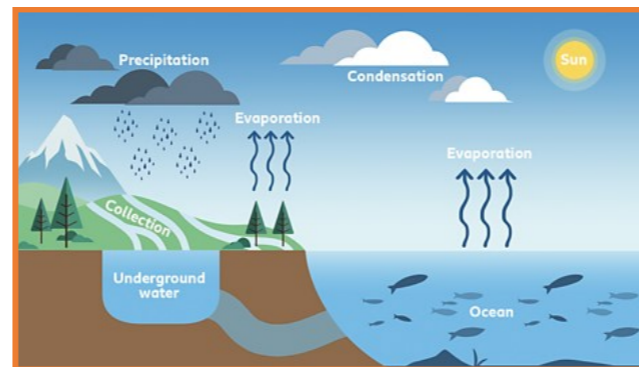
Can you locate any of them on a map?



Where are some of the UK's rivers?

The 5 main rivers of the UK are: Thames, Severn, Trent, Wye and Ouse.

The Water Cycle: Can you explain the process?

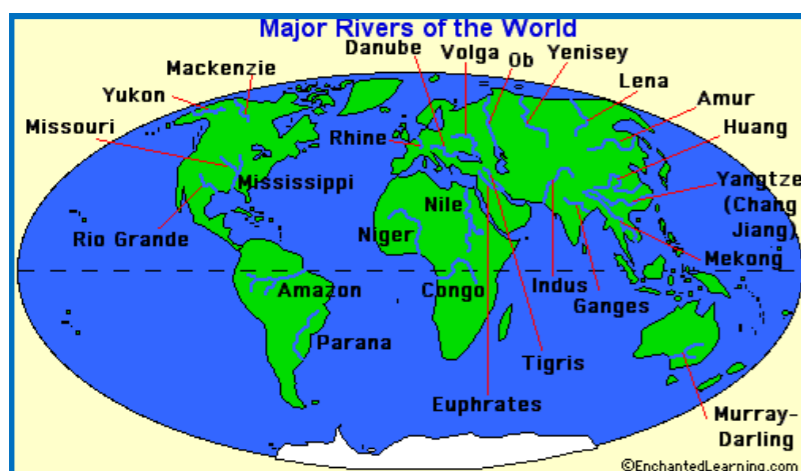


Waterfalls can be found along the path of rivers.

They are formed when water travels over hard rock which does not erode away as quickly as the soft rock below.

The soft rock erodes away quickly and leaves the hard rock overhanging.

Eventually, this erodes and the rock falls into the water causing a plunge pool.



Substantive Concepts:

- Locate and label the main British rivers on a map of the British Isles and add the names of settlements at the mouth of the rivers- River Severn, River Thames (London).
- Use fieldwork including geographical vocabulary to describe physical features of rivers including sketch maps.
- Describe the water cycle in sequence, using appropriate vocabulary, and name some of the processes associated with rivers and mountains.
- Understand how physical processes can cause hazards to people, e.g. flooding

How Waterfalls are formed?

