



Why are rivers important?



1. What is the water cycle?
2. Where are the key rivers of the UK?
3. Where are the world's great rivers?
4. What are the key features of a river system?
5. How do rivers change shape?
6. How do we use rivers?
7. Why do we build dams?

We learn the following Geography knowledge and skills...

- Describe and understand key aspects of the water cycle and rivers (**all questions**)
- Name and locate rivers of the UK (**2**)
- Explain the process of rivers (**4**)
- Use the language of rivers e.g. erosion, deposition, transportation (**5, 6**)
- Compare how river use has changed over time and research the impact of trade in history (**6**)
- Research and discuss how water affects the environment, settlements, environmental change and sustainability (**6,7**)

We learn the following technology knowledge and skills...

- * Using hyperlinks in a PowerPoint to link slides (Water Cycle presentation)
- *Use the Internet to research facts about rivers around the world

Hook for Learning:

*Show clips of extreme outcomes involving water
Maths - Can you calculate the mean average rainfall from a set of data?
Can you compare rivers in the UK and around the world?

As Thinkers can we...?

- * Always prepared to explore more than the first possible solution
- * Identify strengths and weaknesses in their work, and give reasons
- *give more than one reason to support an argument

As Talkers can we...?

- *use persuasive language to convince people our opinion is correct
- *use instructional language about saving water
- *explain how water travels in the water cycle

We learn the following English knowledge and skills...

- * write a set of instructions aimed at children about how to save water in the home

We learn the following vocabulary:

*water	*cycle	*river
*erosion	*deposition	*transportation
*dams	*meander	*stream
*ox-bow lake	*mouth	*source
*evaporation	*condense	*precipitation
*collection	*run-off	*weather
*waterfall	*recycle	*energy
*estuary	*sediment	*tributary
*delta	*reservoir	*freshwater

We learn the following music knowledge and skills...

- *evaluate how the venue, occasion and purpose affects the way a piece of music is created

We learn the following art knowledge and skills...

- * analyse how different artists have represented water and rivers in their work
- *discuss our preferences on different artists work