

# Geography Year 4 Summer Term: Water, Water Everywhere

Prior Learning: water cycle in Year 4 science

**Theme:** Water, Water Everywhere

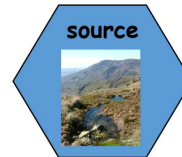


**Concept:** Environment

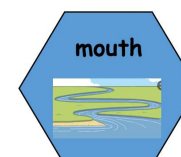
We are learning about the water cycle and how water is constantly circling on the Earth. We will also find out about rivers, including their location and how they change between the source and the mouth. Rivers are vital for many people to survive, including the Ancient Egyptians which we will look into.

**Words we will know!**

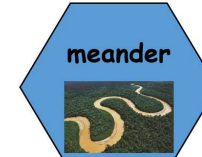
Where a river starts



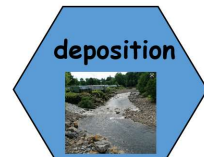
Where a river ends



A bend in the river caused by erosion and deposition



Slower flowing water drops the material it's carrying



## 1. Where are rivers located?

TWAL: about the source and mouth of different rivers

We are going to learn what is the source and mouth of a river. We will discover where rivers are located in the UK using atlases and digimaps and identify where they start and end. We are going to learn about the rivers nearest to us in Southampton (River Test, River Itchen).



The source is where a river starts. The mouth is where a river ends.

## 4. What is erosion and deposition?

TWAL: to describe how erosion and deposition affect a river.

When the water is flowing fast, it can carry sand /pebbles which then wear away the banks, changing the shape and direction of the water. As the speed of the water drops, the river drops the items it is carrying as it doesn't have the energy to transport them.



Rivers change shape over time due to erosion and deposition

## 2. What do I know about rivers?

TWAL: to investigate different world rivers

We are going to investigate the Amazon, Volga, Thames and Nile using atlases, google, and fact sheets in groups to find out how they are similar and different. We will look at the length, where they start and end, how long they are, how many different countries they pass through.

## 5. How do we use rivers?

TWAL: to analyse how humans interact with a river

We are going to learn how humans interact with a river and the different ways they use it. We are going to discuss whether there is going to be a positive or negative impact on the river, and the environment.



Humans can have a positive and negative impact on the environment.

## 3. How is a river different at the bottom and the top?

TWAL: Compare and contrast the physical features of the top, middle and bottom sections of rivers

We are going to use pictures, videos and our knowledge of a river to help us identify the features at the top, the middle and the bottom.



A river is narrow and small at the source. A river is wide at the mouth.

## 6. Can we create a river?

TWAL: to use our knowledge to create a working river

Using our knowledge of a river as it travels between the source and the mouth, we are going to work together to build sections of the river which we can put together to create the river with water.