



Year 3

Flow Rivers Knowledge Organiser

Retrieval Facts

What I need to know to help me with this topic

Significant people – History Year 1

Countries and capital cities of the UK –

Understanding where food comes from – Design Technology Year 1

Geography Year 1

Castles and castle life – History Year 2

Growth and survival – Science Year 2

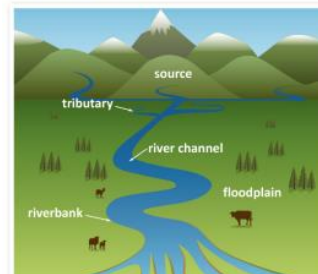
Sculpture using natural materials – Art and Design Year 2

Gr8! Words

Key Vocabulary you will learn and use

Word	Definition
erosion	The process of soil being gradually damaged and moved away by water, wind or rain.
source	The place where a river starts.
tributary	A river or stream that flows into a larger river.
meander	A bend in the river
evaporation	The process of a liquid heating up and changing to a gas.
mouth	The end of a river where it flows in to a sea or lake.
precipitation	Rain, snow, sleet or hail that falls to the ground from clouds.
pollution	Damage caused to water, air or the environment by waste or harmful substances

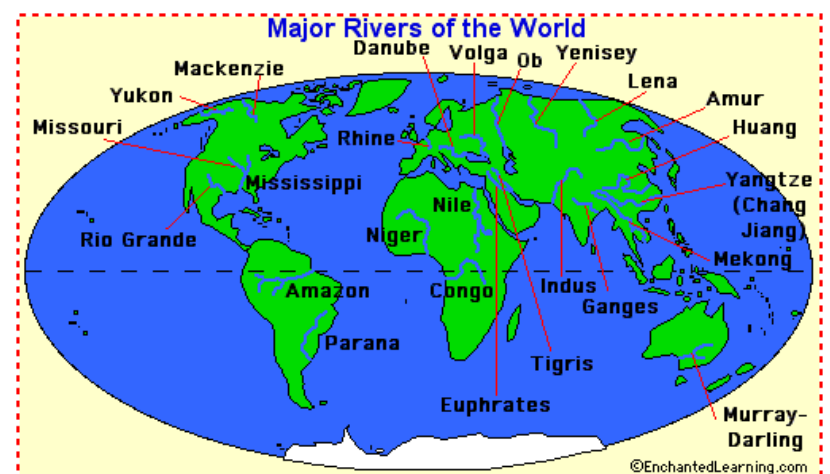
Parts of a river



Rivers flow downhill toward their mouth. The mouth of the river is where the river enters a lake or ocean. Rivers have many small streams (tributaries) which join together to form a main channel. V-

Key Locations

Scan here to find out more information



Wider Reading

Books, websites and other sources you may find helpful

- DK Find out! Rivers
- Swallows and Amazons – Arthur Ransome
- BBC Bitesize – Rivers
- Primary Homework Help - Rivers

Lesson Sequence

Understand the legacy of the Olympic Games

Use fieldwork skills to understand rivers

Sing Unison songs

Use ink and pen to draw texture

Know how Cam mechanisms work

Use coding in a program

Know how geographical data is used and analysed by geographers

Know how Ancient Greece was divided

Listen to and describe music of different styles

Identify, mix and use contrasting coloured water colour paints

Know the key features of a river

Create our own design criteria by exploring and evaluating similar products

Use the correct functions in coding

Understand about erosion and transportation within a river

Listen to and describe music of different styles

Use a simple cross sectional diagrams to design a product

Create a program

Understand how rivers affect the shape of land

Listen to and describe music of different styles

Plan the process of making a product with a cam mechanism

Use IF statements within a program

Describe and understand the water cycle

Listen and discuss piece of music.

Make a product with a Cam mechanism

Debug a program

Identify and locate the world's major rivers (including the UK)

Compose a piece of music

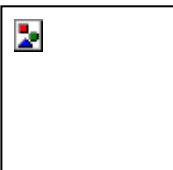
Evaluate a product from a design brief

Understand what a variable is in programming

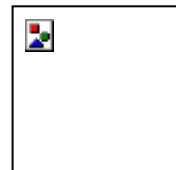
Know different ways rivers are used

Key Questions you will be able to answer

- What are the four stages of a water cycle?
- What are the main features of a river?
- Can you name three rivers of the world and say how long they are?
- What are erosion and transportation within a river?
- What are the eight points of the compass?
- How are rivers used?
- How do rivers shape the land?
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Sticky Knowledge



1. A river is a moving body of water that flows from its **source** on high ground across land and then into another body of water which could be

2. Small rivers are usually known as **streams, brooks** or **creeks**. If they flow from underground they are called springs.

3. A river flows along a **channel** with banks on both sides and a bed at the bottom.

4. Over a long period of time rivers create **valleys** or **gorges** and **canyons** if the river is strong enough to erode rock. They take the sediment – bits of soil and rock – and carry it along with them

5. The Water Cycle is a physical process that happens on the surface of the Earth and in the Earth's atmosphere. It is a continuous process that is made up of different stages – condensation, evaporation, precipitation and collection.

6. A cloud is a large group of tiny water droplets that we can see in the air. They are formed when water on earth evaporates in to the sky and condenses high up in the cooler air. Rain, snow, sleet and hail falling from clouds is called precipitation. The main

Homework Menu

Choose **one of the activities** below for your homework project. Remember to present your work nicely!

Research!

Find out how to save water around the home and then create a poster explaining how

Write!

Write a poem, song or rap about the water cycle. Make sure to include key words such

Create!

Make a rain gauge and use it to measure rainfall in your garden. Collect the date in a chart.