



Key Knowledge:

Links to Other Learning: Mountains (Y4), Sound (Y4) for source, Geography Non-Negotiables.

Where is Liverpool and the River Mersey located?

- To know that Liverpool is located in Merseyside, in the North West of England.
- To know, identify and use OS map symbols accurately.
- To know how to use four grid references and be able to locate landmarks on an OS map.
- To know that the primary land use of the River Mersey today, is tourism and this is supported by the location of the River Mersey.

What are the parts of a river?

- To know that the journey of any river can be divided into three sections: the upper, middle and lower course.
- To know that the lower course of the river leads to the mouth of the river; the mouth of the river is where the river meets the sea.
- To know the source of the River Mersey is actually in Manchester.
- To know the mouth of the River Mersey meets the Irish Sea.
- To know that there is significant change in River Mersey from Source to Mouth, using Google Maps to identify these changes.

How do rivers change shape?

- To know erosion is the wearing away of material and that it is water erodes a river bank.
- To know deposition is material being dropped on the river bed and changes the river's shape and occurs on the inside of a bend and erosion on the outside
- To know that a meander is a bend in a river.
- To know that the shape of a river is constantly changing.
- To know deposition.

Which famous UK cities are located on a river?

- To know the seas surrounding the UK and their location using a map.
- To know some of the UK's main rivers and their location using a map.
- To know the seas some rivers flow into.
- To know the longest river in the UK is the River Severn.
- To know many cities are built on a river for the initial purpose of transport.

Why was the River Mersey significant for trade?

- To know that Liverpool played a very important role for trade.
- To know Liverpool controlled 40% of all European slave trade, and around 80% of the British slave trade.
- To know that the sugar cane, tea, cotton and tobacco were just some of the things transported along the River Mersey.
- To know throughout most of the 1800s Liverpool was one of the fastest growing cities in Britain. Outside of London, Liverpool had more millionaires than any other city.

What is the land use of the River Mersey today?

- To know that land use means what the land is primarily used for.
- To know that today there are many stakeholders in the River Mersey, including: fisherman, industry, tourists, water sports and transport. Children will observe these as part of our fieldtrip.
- To know that all of these land uses have can positive and negative side effects the land.
- To know these problems have to be carefully managed.

Lesson Sequence:

Where is Liverpool and the River Mersey located?

- Retrieval Activity (pre-assessment, pre-post vocabulary. UK countries recap).
- Teaching (Show Liverpool on a map and the location of the UK countries).
- Vocabulary (river, Ordnance Survey, grid reference).
- Activity (Locate Liverpool and the River Mersey on a map, looking at the surrounding landscape. Use of OS map symbols to spot key geographical features in a tourist hot spot. Link to non-negotiables for Y3/Y4).
- Key Learning (LOCATIONAL KNOWLEDGE. Name and locate cities of the UK on a UK map, including physical characteristics and large-scale global map. Make comparisons between locations photos/pictures/maps. Begin to identify significant places. **MAPPING**. Use of four figure grid references and OS map symbols. Use 4 compass points well. Begin to use 8 compass points).

What are the parts of a river?

- Retrieval Activity (Revisit UK countries).
- Teaching (Show children the parts of the river and consider the etymology of the words. Develop memory strategies to remember them).
- Vocabulary (mouth, source, tributary, upper course, lower course, estuary).
- Activity (Use iPads and laptops to research information about the river - 'mouth' and 'source' of the river for the River Mersey. Explaining of key terminology including upper course and lower course.
- Key Learning (PHYSICAL KNOWLEDGE. Use of maps as a primary source. Understanding of the key features of physical geography).

How do rivers change shape?

- Retrieval Activity (Brain Dump activity).
- Teaching (Explain processes of erosion and deposition using BBC Bitesize video).
- Vocabulary (deposition, erosion).
- Activity (Label and draw an annotated sketch of a river, including deposition and erosion. Complete map work to put this sketch into a real-life context).
- Key Learning (Enquiry And Investigation (Asking Questions). Use of secondary sources (map-work).)

Which famous UK cities are located on a river?

- Retrieval Activity (Mid topic quiz).
- Teaching (Explore UK maps using an atlas. Explain link to typography).
- Vocabulary (settlement, industry).
- Activity (Further research other famous rivers in the UK - focus on their usage. Discussion of why rivers are important to cities).
- Key Learning (Mapwork. Use of junior maps/atlasses to locate features studied. Begin to identify significant places and environments).

Why was the River Mersey significant for trade?

- Retrieval Activity (Independent research).
- Teaching (Explore what the Mersey was used for in the past: transporting goods, slave trade etc. Use of trade workshop on trip).
- Vocabulary (trade, slave trade).
- Activity (Explore trade and how the River Mersey was a gateway to the U.K - SPEAK IT - TALK IT - group work - explain how the river Mersey was used for trade, explain why the river Mersey was used and how this is different from the past).
- Key Learning (Enquiry and investigation: ask more searching questions, make comparisons with their own lives, how increasing empathy).

What is the land use of the River Mersey today?

- Retrieval Activity (Independent research about pollution in the River).
- Teaching (Explore the different jobs that people might do around the waterfront and why these jobs are important. Challenge: how have the land use patterns changed over time?
- Vocabulary (land-use).
- Activity (Visit to the River Mersey to describe features of the lower course, the land use in Liverpool and produce sketch maps as part of practical fieldwork).
- Key Learning: (Fieldwork: Observe, measure and record the human and physical features in the local area using a range of methods including sketch maps, cameras and other digital devices.

Exit Task:

Essay task - How does a river change shape?

Year 4
Rivers - The River Mersey

Our Rainbow Promises

Encourage **R**esilience and perseverance

Develop **A**rticulate learners
Influence aspirations
Nurture curiosity

Instil **B**ritish and Christian Values

Provide **O**pportunities to build upon knowledge and skills
Promote **W**ellbeing and Health

Local Links

Liverpool Museum and the River Mersey Trip WOW.

National Curriculum Coverage

Pupils should extend their knowledge and understanding beyond the local area to include the United Kingdom and Europe, North and South America. This will include the location and characteristics of a range of the world's most significant human and physical features. They should develop their use of geographical knowledge, understanding and skills to enhance their locational and place knowledge

Think like a Geographer by:

Knowledge of: locational knowledge, place knowledge and human physical knowledge.

Skills in: mapping, fieldwork, enquiry and investigation, communication and use of technology.

Transferrable Concept:

Location

Place

Region

Human Influence

Movement

Growing Our Locational Knowledge About The World:

- Name and locate counties, cities and rivers of the United Kingdom.
- Locate the world's countries, using maps to focus on Europe.
- Build upon knowledge from previous year groups.

Vital Vocabulary

river
city
Ordnance Survey
source
mouth
tributary
meander
tourism
estuary
slave trade
migration
settlement
industry
erosion
deposition

Idioms:
"Cry me a River"

R	Progression of skills in fieldwork, using geographical equipment.
A	Vital vocabulary, oracy opportunities including P4C and speak its, exit task and use of academic keystone words. SPEAK IT - TALK IT - Explanation about the River Mersey.
I	Links to careers within Geography made explicit.
N	Subject WOW - River Mersey Trip Map of the world. Use of Digimaps in school. Core Curriculum Reading Spine.
B	Learning about Justice and courage within the slave trade.
O	Growing our locational knowledge about the World. Knowledge and skills sequenced; see planning overleaf.
W	Wider fieldwork opportunities outside. Appreciation of the world around us.