

Year Group: Year 4

Term: Summer 1

Learning Challenge Title: **Why is the river Mersey so important to Liverpool and Widnes?**

Curriculum focus: **Geography**/History/Art/Science

<b>NC Objectives: River Study and City locations</b>	
Describe and understand key aspects of: <ul style="list-style-type: none"><li>physical geography, including: climate zones, biomes and vegetation belts, rivers, mountains, volcanoes and earthquakes, and the water cycle</li><li>human geography, including: types of settlement and land use, economic activity including trade links, and the distribution of natural resources including energy, food, minerals and water.</li></ul>	
Wow starter:	The children will be visiting the river Mersey at Widnes, where they are building a new bridge.
LC Questions: 1	Why is Liverpool situated where it is?
2	Why are rivers important for the lives of the people who live there now and lived there some time ago?
3	How has the Mersey created jobs for many people who live in Liverpool and Widnes?
4	Using photograph from your visit to the Mersey, can you plan your version of what the finished bridge will look like?
5	Using photograph from your visit to the Mersey, can you build your version of what the new bridge?
6	Using photograph from your visit to the Mersey, can you modify / complete your version of the new bridge ?
7	Which other famous European cities are situated on a river?
8	Can you compare old maps of the Mersey with new ones? What do you notice? What about the future?
Writing Opportunities: Poetry, blog, advertisements,	

Year Group: 4

Term: Summer 1 & 2

Learning Challenge Title: **Which wild animals and plants thrive in your locality?**

Curriculum focus: Geography/History/Science

NC Objectives: **Living Things and their Habitats**

Pupils should be taught to:

- recognise that living things can be grouped in a variety of ways
- explore and use classification keys to help group, identify and name a variety of living things in their local and wider environment
- recognise that environments can change and that this can sometimes pose dangers to living things.

**Art:**

- to create sketch books to record their observations and use them to review and revisit ideas
- to improve their mastery of art and design techniques, including drawing, painting and sculpture with a range of materials [for example, pencil, charcoal, paint, clay]
- to learn about great artists, architects and designers in history.

Wow starter:	Walk around the school grounds, looking at the surrounding area too.
1 & 2	Which wild flowers will we find within a Km of our school? How would Georgia O'Keefe have painted these flowers?
3	Would dinosaurs have roamed around your locality in the past? Why did dinosaurs die out?
4 & 5	Why are there large wild animals like the tiger in danger of extinction today?
6 & 7	Which birds can we see out of our classroom window?
8 & 9	How can we encourage more birds to visit our school?
10	Why are there large wild animals like the tiger in danger of extinction today?
11	Can you create a report about saving a species of your choice.
12 & 13	Can you present you report to your class?
Writing Opportunities: Instructions on how to make a bird feeder Report on saving a species	

Year Group: Year 4

Term: Summer 2

Learning Challenge Title: **Why is Widnes such a cool place to live?**

Curriculum focus: **Geography**/History/Art/Science

<p>NC Objectives:</p> <ul style="list-style-type: none"><li>• Use maps, atlases, globes and digital/ computer mapping to locate countries and describe features studied</li><li>• Name and locate counties and cities of the United Kingdom, geographical regions and their identifying human and physical characteristics, including hills, mountains, cities, rivers, key topographical features and land-use patterns; and understand how some of these aspects have changed over time.</li></ul>	
Wow starter:	Invite Jack Owens (ex pupil & rugby star) in for an interview and mini skill session.
LC Questions: 1	Can you trace the growth in Widnes's population over the past 100 years?
2	What would be the main advantages and disadvantages of living in Widnes?
3	Can you compare old maps of Widnes ( Roman, Viking, etc?), with modern ones? What feature of ordnance survey maps can you identify?
4	From photographs you have taken can you paint one of your favourite places in Widnes?
5	Can you research any famous people / inventions from Widnes?
6	Why is the rugby team known as 'The Chemicals'?
7	What can you discover from a visit to the 'Catalyst Museum' ?
8	
Writing Opportunities: Travel brochures, Diaries, recounts, letters	