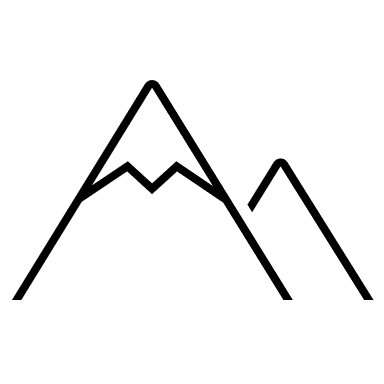
**Year 4**

**Rivers and the Water Cycle**



A group of children's books

Description automatically generated





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| Key Vocabulary | | | |
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| Geography | Year 4 | Rivers and the Water Cycle |

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| Skills covered this half term: |
| * Explain what a river is and locate the world’s longest rivers on a map, using coordinate grids and referring to map features such as lines of longitude and latitude * Use fieldwork to observe, measure, record and present the human and physical features in the local area using a range of methods, including sketch maps, plans and graphs, and digital technologies * Use a compass correctly to map the direction/location of our local canals and the direction water flows in * Locate local canals on a range of maps, including ordnance survey |

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| Key Vocabulary | |
| Channel | The course in the ground that a river or water flows through. |
| Dam | A barrier built to hold back water. |
| Deposition/deposit | When rocks and other materials that have been eroded are dropped off further along the river. |
| Discharge | The amount of water flowing along a river per second. |
| Erosion | Rocks and other river materials are picked up by the water and moved to another place along the river. |



**The River Mersey**

It is 70 miles (112 km) long, it stretches from Stockport, Greater Manchester, and ends at Liverpool Bay, Merseyside. Water quality in the River Mersey has been severely affected by industrialisation.

Diagram

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| Key Vocabulary | |
| Mouth | The point where a river joins the sea. |
| Source | The place where a river begins |
| Tidal bore | A strong tide from the coast that pushes the river against the current causing waves along the river. |
| Tributaries | Rivers that join up with another river |
| Valley | A long ditch in the earth’s surface between ranges of hills or mountains |

Graphical user interface, text, application

Description automatically generatedGraphical user interface, text

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How do we use rivers?