

Year 5– Rivers

National Curriculum:

- Locate and name the main counties and cities in England.
- Describe and explain key aspects and processes of Physical geography.
- Explain how people can both improve and damage their environments.
- Explain how changes in the Human and Physical environments affect the people living there, and how they can be managed sustainably.
- Use age-appropriate maps, atlases and globes to describe places I'm studying and their Human and Physical features.
- Use four-figure grid references.
- Ask geographical questions that are relevant to my topic and suggest ways to investigate them.
- Use fieldwork to observe, measure, record and present the Human and Physical features, using a range of methods.

Prior learning	In Year 5...	Future learning
In Year 4, Children will be taught to... -Understand what fossil fuels are including coal, oil and gas, give examples of where these fuels come from and how they are used. -Identify the key advantages and disadvantages of fossil fuels for humans and their planet, and discuss the impact this may have on the world. -Explore greener, renewable types of energy including solar, geothermal, wind, biomass and hydropower and discuss the impact this will have on the environment. -Investigate the best location for a renewable energy source in Bedworth through a fieldwork study. -Present fieldwork findings in a table and analyse the results they have found. -Ask the community about their opinions of fossil fuels and renewable energy, and reflect on their own opinion.	In Year 5, Children will be taught to... -Locate the main countries of the UK (England, Wales, Scotland and Northern Ireland, and understand that the British Isles are comprised of England, Wales and Scotland, Northern Ireland and the Republic of Ireland. To understand that Great Britain is England, Wales and Scotland -Identify that Bedworth is located in Warwickshire and locate the immediate surrounding counties to its locality. -Identify that Bedworth's nearest city is Coventry and use maps to locate some of the cities nearby to Coventry and its surrounding area. -Use OS maps to identify contour lines and describe the journey of water in the River Severn in comparison to its altitude. -Use four figure grid references to identify local rivers to Bedworth with a focus on the River Sowe, including human and physical features of the surrounding area. -Identify the key processes and features of a river and understand that a river changes in its journey to the mouth (waterfall, main channel, tributaries, meander, oxbow lake) -Describe the process of the formation of an oxbow lake, including deposition and velocity. -Explain the causes of flooding and its effect on people and their environment and how flooding can be managed and prevented in a sustainable way.	In Year 6, Children will be taught to... -Identify patterns across the globe using digital mapping systems. -Observe changes of settlement within the UK and how migration has changed over time. -Identify advantages and disadvantages of immigration including the impact of human and physical environmental changes -Name and locate the human and physical features of the UK and the west Midlands and identify changes over time. -Investigate geographical questions and issues they have chosen -Use fieldwork to observe, measure, present and record human and physical features.

Key Vocabulary

Channel, confluence, delta, deposition, estuary, erosion, load, mouth, sediment, source, tributary.

Channel - The path of a river.

Confluence - The place where two rivers meet.

Delta - Land formed at a river's mouth, where sediment is dropped off.

Deposition - When rock that has been worn away is

Estuary - The really wide part of a river where it joins the sea (becomes salt water).

Erosion - When the river bed and bank are worn away by the actions of the river.

Load - All the bits of rock, sand or soil carried along in the river.

Mouth - The end of a river, where it enters a lake, sea or ocean.

Sediment - The rock, sand and soil that is carried along and dropped off by the river.

Source - The place where a river begins.

Tributary - A small river or stream that meets a large river.

