



Topic Overview

Faculty/Subject: Geography

Year Group: 7

Topic: Rivers



What BIG IDEAS will you cover in this topic?

Students will explore how water moves through the **hydrological cycle** and travels through a **river basin**.

Students will learn how rivers shape the landscape through erosion, transportation and deposition, creating features such as meanders.

Students will also investigate why rivers flood and how people try to reduce the risk and impacts of flooding.

What other key concepts, knowledge and skills will you learn in this topic?

Students will learn about the different stores and flows of water within the hydrological cycle.

Students will examine the physical and human causes of flooding and consider its social, economic and environmental impacts.

Students will compare different methods of flood management and understand their effectiveness.

Students will also develop skills such as interpreting diagrams, maps, photographs as well as writing clear geographical explanations.

What important prior knowledge will you use from your prior learning?

Understanding of physical processes such as erosion from our topic on glaciers. This will apply across into this topic where water is eroding instead of ice. This will also help students understand the meaning of a landform, this time formed from a river.

Where does this topic fit into the curriculum plan for this subject?

This is the fifth topic which will be covered in Year 7 and it will be the third physical geography topic.

Assessment:

How and when will you be assessed on this topic? What will the success criteria be?

- End of year assessment - this will fall around the end of the topic and therefore this topic will be included in the assessment.

What is the key vocabulary that you will need to know in this topic?

Hydrological cycle, drainage basin, watershed, source, mouth, tributary, confluence, channel, precipitation, interception, infiltration, surface runoff, hydraulic action, abrasion, attrition, solution.

What is the structure of learning/ lessons in this topic?

1. Hydrological cycle and River Basins
2. Erosion and Deposition
3. Meanders
4. Flooding
5. Preventing floods