



Year 7 Topic 2 - Water 11 Lessons

Aims: This unit aims to explore issues surrounding one of our most valuable resources – water. Students will explore the distribution of water and inequalities in access. They will learn about the hydrological cycle and the link with drainage basins. Students will examine the impacts of humans on drainage basins and also consider the supply of water throughout the UK. Students will understand the issues of water scarcity and the associated problems, including that of conflict. Students will consider different strategies of providing water access to people and will also gain knowledge of a case study – the Aral Sea.

Links To KS3 National Curriculum:

Develop contextual knowledge of the location of globally significant marine places. They should understand how human and physical processes interact to influence, and change landscapes, environments and the climate; and how human activity relies on effective functioning of natural systems. In doing so, they should become aware of increasingly complex geographical systems in the world around them. They should develop greater competence in using geographical knowledge, approaches and concepts (such as the hydrological cycle) and geographical skills in analysing and interpreting different data sources. Students will study processes in hydrology and water as a natural resource.

Links to KS4:

Edexcel B, Paper 2, Topic 4 – UK’s Evolving Physical Landscape - River Processes

Key Skills	Literacy Links:	Numeracy Links:
<ul style="list-style-type: none"> • Build on their knowledge of globes, maps and atlases • Problem solving • Graph, Map, Figure Interpretation 	<p>Key Words</p> <ul style="list-style-type: none"> • Hydrological; scarcity; drainage basin; precipitation; infiltration; evaporation; condensation; transpiration; tributary; confluence; source 	<ul style="list-style-type: none"> • Figure / graph interpretation
Assessment	Cross-Curricular Links	
<p>An exam-style paper, consisting of a mixture of questions ranging in marks from 1 to 8. These will include short answer, multiple choice, longer written answers and interpretation and use of given figures and data.</p>	<ul style="list-style-type: none"> • Science • Link with previous topic - Biomes 	
	SMSC opportunities and British values	
	<ul style="list-style-type: none"> • Moral questions about access to water – rights and responsibilities 	

Opportunities for further learning

- **Option 1:** Revise Core Facts for the unit from your knowledge organiser
- **Option 2:** SMHW quizzes
- **Option 3:** BBC Bitesize KS3 Geography – Rivers and Water (<https://www.bbc.co.uk/bitesize/topics/zs92tfr>)
- **Option 4:** World Geography Games (<https://world-geography-games.com/rivers.html>) – River locations (also oceans, seas and lakes)
- **Option 5** – Seneca Learning (KS3 Geography, Natural Resources, Water)