

# Water World : Geography : Year 5/6

	Learning Objective	Overview	Assessment Questions	Resources
<b>Lesson 1</b>	To explore water on our planet.	Children will identify different water bodies and the differences between them, such as oceans, rivers, bays, gulfs and glaciers. They will find out how much of the water on the planet is usable by humans and that water is either salt or fresh water.	<ul style="list-style-type: none"> <li>Do children understand water can be found in different forms around the world?</li> <li>Can children explain where water is found on our planet?</li> <li>Can children explain the different bodies of water found on earth?</li> </ul>	<ul style="list-style-type: none"> <li>Slides</li> <li>Internet, books and atlases</li> <li>Worksheet 1A/1B/1C</li> <li>White paper for palm cards</li> <li>Water Fact Quiz Questions (for FSD? activity only)</li> <li>Water Fact Quiz Answer Sheet (for FSD? activity only)</li> <li>Bonus Question (for FSD? activity only)</li> </ul>
<b>Lesson 2</b>	To understand and explain the water cycle.	Children will find out how the water cycle and its various processes work. They will use specific vocabulary to describe the how the water cycle works and start to understand the importance of the water cycle for our planet.	<ul style="list-style-type: none"> <li>Do children understand why the water cycle is an important process on our planet?</li> <li>Do children understand the steps involved in the water cycle?</li> <li>Can children explain the water cycle in their own words?</li> </ul>	<ul style="list-style-type: none"> <li>Slides</li> <li>Water Cycle Explanation 2A/2B/2C</li> <li>Explanation Poster</li> <li>Water Cycle Fact Sheet</li> <li>Water Cycle Poster Instructions (for FSD? activity only)</li> </ul>
<b>Lesson 3</b>	To explore why we need water and how we use it.	Children will consider all the ways in which households in the UK use water. They will think about how much water they use on a daily and weekly basis, and find out how it gets to their taps through the water treatment process. They will start to consider the importance of water conservation.	<ul style="list-style-type: none"> <li>Do children know how water gets to their homes?</li> <li>Can children explain how and why they use water?</li> <li>Do children understand what water conservation is and why it is important?</li> </ul>	<ul style="list-style-type: none"> <li>Slides</li> <li>Worksheet 3A/3B/3C</li> <li>Water Usage Fact Sheet</li> <li>Water Usage Questionnaire (for FSD? activity only)</li> <li>Water Usage Table (for FSD? activity only)</li> <li>Challenge Cards (for FSD? activity only)</li> </ul>
<b>Lesson 4</b>	To compare the difference in water availability and usage in the UK and Kenya.	Children will find out about water-scarce countries, using Kenya as an example. They will compare pie charts showing water usage in Kenya and the UK, and start to understand how limited access to water affects lives.	<ul style="list-style-type: none"> <li>Can children compare water use and availability in two countries?</li> <li>Do children understand water access around the world differs?</li> <li>Do children understand limited access to water causes huge problems in communities?</li> </ul>	<ul style="list-style-type: none"> <li>Slides</li> <li>Fact Cards</li> <li>Water in Kenya and the UK Fact Sheet</li> <li>Worksheet 4A/4B</li> <li>Water Quality Map (for FSD? activity only)</li> <li>Water Quality Chart (for FSD? activity only)</li> <li>Atlas, internet access and books (for FSD? activity only)</li> </ul>
<b>Lesson 5</b>	To explore how water can be used for power to contribute to a sustainable future.	Children will start to understand the idea of a sustainable future and look at the role water can play in this. They will find out about hydroelectricity and how water can be harnessed to produce power. They will discuss the pros and cons of hydroelectricity.	<ul style="list-style-type: none"> <li>Do children understand what a sustainable future is?</li> <li>Can children explain how water contributes to a sustainable future?</li> <li>Can children describe what hydropower is and how it can benefit and be detrimental to the environment?</li> </ul>	<ul style="list-style-type: none"> <li>Slides</li> <li>Hydroelectric Dam Fact Cards</li> <li>Task Card 5A/5B/5C</li> <li>Access to the internet</li> <li>Blank World Map</li> <li>Hydropower Pros and Cons Sheet (for FSD? activity only)</li> <li>For and Against Cards</li> </ul>
<b>Lesson 6</b>	To investigate and explore a local body of water.	Children will identify bodies of water in their local area. They will plan and arrange a field trip to one of these bodies and find out about the biological, chemical, physical and geographical tests they can undertake, considering what they can learn from each test. Alternatively, they can find out about the water quality of the River Thames.	<ul style="list-style-type: none"> <li>Can children observe and record information they see?</li> <li>Can children answer questions about the quality of water?</li> <li>Do children understand that not all water is safe to drink?</li> </ul>	<ul style="list-style-type: none"> <li>Slides</li> <li>Water Investigation Sheet A/B/C/D</li> <li>Challenge Card</li> <li>Thames Water Quality Fact Sheet (for FSD? activity only)</li> </ul>