



# Year 10 Geography – The Challenge of Resource Management – Spring Term 1 – KNOWLEDGE OVERVIEW

Week beginning:	Big question / concept:	Learning intentions:	Resources	
			Offline:	Online including links on how to access these:
4 <sup>th</sup> January	<b>Why are resources important?</b>	<ul style="list-style-type: none"> <li>Know what resources are.</li> <li>Understand the significance resources have to economic and social wellbeing.</li> <li>Describe how the availability of resources affect a country.</li> </ul>	Read pages 256 and 257 in the Geography textbook.  Complete activities 1-3 in full.	Check on Microsoft Teams ( <i>Year 10 Geography Team</i> ) for resources prepared by Westborough Teachers  <b>BBC Bitesize website: The challenge of resource management</b> <ul style="list-style-type: none"> <li>Distribution of resources – AQA</li> </ul>
	<b>Where in the world can we access resources?</b>	<ul style="list-style-type: none"> <li>Know the location of global inequalities in the supply and consumption of resources.</li> <li>Explanation of these patterns.</li> </ul>	Read pages 256 and 257 in the Geography textbook.  Complete activity 4, 'Maths Skills', 'Stretch yourself' and 'Practice question' in full.	<b>Seneca website: Geography: AQA GCSE</b> <u>The challenge of resource management</u> <ul style="list-style-type: none"> <li>6.1.1 Global distribution of resources</li> </ul> <b>Oak National Academy Videos:</b> <a href="https://classroom.thenational.academy/lessons/how-well-being-is-affected-by-resource-availability-cn30d">https://classroom.thenational.academy/lessons/how-well-being-is-affected-by-resource-availability-cn30d</a>  <a href="https://classroom.thenational.academy/lessons/global-inequalities-in-the-supply-and-demand-of-resources-cn62r">https://classroom.thenational.academy/lessons/global-inequalities-in-the-supply-and-demand-of-resources-cn62r</a>
	<b>Year 9 recall work: How do I improve my work?</b>	<ul style="list-style-type: none"> <li>Know how to improve your test on weather hazards.</li> </ul>	Use the feedback provided by teachers and the mark scheme to improve your test paper.	Check on Microsoft Teams ( <i>Year 10 Geography Team</i> ) for resources prepared by Westborough Teachers
11 <sup>th</sup> January	<b>Where does my food come from?</b>	<ul style="list-style-type: none"> <li>Know where my food comes from and why.</li> <li>Be able to map foods consumed in the UK, describing the patterns.</li> <li>Explain why the UK imports so much food.</li> </ul>	Read pages 258 and 259 in the Geography textbook.  Complete activities 1-3 in full.	Check on Microsoft Teams ( <i>Year 10 Geography Team</i> ) for resources prepared by Westborough Teachers  <b>BBC Bitesize website: The challenge of resource management</b> <ul style="list-style-type: none"> <li>Distribution of resources – AQA</li> </ul>
	<b>Why does it matter where my food comes from?</b>	<ul style="list-style-type: none"> <li>Know why the UK imports a lot of food.</li> <li>Know the challenges of importing food to the UK.</li> <li>To consider the responses to these challenges.</li> </ul>	Read pages 258 and 259 in the Geography textbook.  Complete activity 4, 'Maths Skills', 'Stretch yourself' and 'Practice question' in full.	<b>Seneca website: Geography: AQA GCSE</b> <u>The challenge of resource management</u> <ul style="list-style-type: none"> <li>6.1.2 Food in the UK</li> </ul> <b>Seneca website: Geography: AQA GCSE – Diagnostic Misconceptions</b> <ul style="list-style-type: none"> <li>6.1.1 The amount of food in the world.</li> </ul> <b>Oak National Academy Videos:</b> <a href="https://classroom.thenational.academy/lessons/issues-with-food-resources-in-the-uk-6tjp8t">https://classroom.thenational.academy/lessons/issues-with-food-resources-in-the-uk-6tjp8t</a>
	<b>Year 9 recall work: What is the</b>	<ul style="list-style-type: none"> <li>Know the causes of climate change.</li> </ul>	Read pages 40 - 45 in the Geography textbook.	Check on Microsoft Teams ( <i>Year 10 Geography Team</i> ) for resources prepared by Westborough Teachers

	evidence and causes of climate change?	<ul style="list-style-type: none"> <li>Be able to explain the evidence that supports climate change.</li> </ul>	Complete 'Practice questions' on page 41, 43 and 45 in full.	<p><b>BBC Bitesize website: The challenge of resource management</b></p> <ul style="list-style-type: none"> <li>Distribution of resources – AQA</li> </ul> <p><b>Seneca website: Geography: AQA GCSE</b> The challenge of natural hazards – Climate change</p> <ul style="list-style-type: none"> <li>1.4.1 Evidence for climate change</li> <li>1.4.2 Causes of climate change</li> </ul> <p><b>Seneca website: Geography: AQA GCSE – Diagnostic Misconceptions</b> The challenge of natural hazards – Climate change</p> <ul style="list-style-type: none"> <li>1.2.1 Human's don't cause the greenhouse effect.</li> <li>1.2.2 A 1C change in temperature is important.</li> </ul> <p><b>Oak National Academy Videos:</b> <a href="https://classroom.thenational.academy/lessons/evidence-of-climate-change-6njkg">https://classroom.thenational.academy/lessons/evidence-of-climate-change-6njkg</a></p> <p><a href="https://classroom.thenational.academy/lessons/natural-causes-of-climate-change-64vk8c">https://classroom.thenational.academy/lessons/natural-causes-of-climate-change-64vk8c</a></p> <p><a href="https://classroom.thenational.academy/lessons/human-causes-of-climate-change-68vkar">https://classroom.thenational.academy/lessons/human-causes-of-climate-change-68vkar</a></p>
18 <sup>th</sup> January	How does the UK supply it's energy?	<ul style="list-style-type: none"> <li>Know how the UK supplies its energy.</li> <li>Know the energy mix of the UK and explain how it is changing.</li> </ul>	<p>Read pages 260 and 261 in the Geography textbook.</p> <p>Complete activities 1-3, 'Stretch yourself' and 'Practice question' in full.</p>	<p>Check on Microsoft Teams (<i>Year 10 Geography Team</i>) for resources prepared by Westborough Teachers</p> <p><b>BBC Bitesize website: The challenge of resource management</b></p> <ul style="list-style-type: none"> <li>Energy supply and consumption - AQA</li> </ul>
	What is the problems with the UK's energy sources?	<ul style="list-style-type: none"> <li>Know the economic and environmental issues associated with explaining energy sources.</li> </ul>	<p>Read pages 262 and 263 in the Geography textbook.</p> <p>Complete activities 1-4, 'Stretch yourself' and 'Practice question' in full.</p>	<p><b>Seneca website: Geography: AQA GCSE</b> The challenge of resource management</p> <ul style="list-style-type: none"> <li>6.1.4 Energy in the UK</li> </ul> <p><b>Oak National Academy Videos:</b> <a href="https://classroom.thenational.academy/lessons/issues-with-energy-resources-in-the-uk-6mw6cd">https://classroom.thenational.academy/lessons/issues-with-energy-resources-in-the-uk-6mw6cd</a></p>
	<b>Year 9 recall work: What are the effects and responses to climate change?</b>	<ul style="list-style-type: none"> <li>Describe the local and global effects of climate change.</li> <li>Explain how climate change could affect the UK.</li> <li>Know how to mitigate and adapt against climate change.</li> </ul>	<p>Read pages 47 – 49 in the Geography textbook.</p> <p>Complete 'Maths skills' and 'Practice question' on page 47 and the 'Practice question' on page 49 in full.</p>	<p>Check on Microsoft Teams (<i>Year 10 Geography Team</i>) for resources prepared by Westborough Teachers</p> <p><b>BBC Bitesize website: The challenge of resource management</b></p> <ul style="list-style-type: none"> <li>Distribution of resources – AQA</li> </ul> <p><b>Seneca website: Geography: AQA GCSE</b> The challenge of natural hazards – Climate change</p> <ul style="list-style-type: none"> <li>1.4.3 Effects of climate change</li> <li>1.4.4 Managing climate change</li> </ul> <p><b>Oak National Academy Videos:</b> <a href="https://classroom.thenational.academy/lessons/the-effects-of-climate-change-75gk2c">https://classroom.thenational.academy/lessons/the-effects-of-climate-change-75gk2c</a></p>

				<a href="https://classroom.thenational.academy/lessons/mitigation-against-climate-change-part-1-61hkj">https://classroom.thenational.academy/lessons/mitigation-against-climate-change-part-1-61hkj</a>  <a href="https://classroom.thenational.academy/lessons/mitigation-against-climate-change-part-2-cnhp8t">https://classroom.thenational.academy/lessons/mitigation-against-climate-change-part-2-cnhp8t</a>  <a href="https://classroom.thenational.academy/lessons/adaptation-against-climate-change-ccu30d">https://classroom.thenational.academy/lessons/adaptation-against-climate-change-ccu30d</a>
25 <sup>th</sup> January	<b>Who demands water?</b>	<ul style="list-style-type: none"> <li>Know the patterns of water surplus and deficit worldwide</li> <li>Know the patterns of water surplus and deficit in the UK.</li> <li>Be able to make a decision if the UK's water supply meets demand.</li> </ul>	<p>Read pages 276 and 278 in the Geography textbook.</p> <p>Complete activities 1-3 in full.</p>	<p>Check on Microsoft Teams (<i>Year 10 Geography Team</i>) for resources prepared by Westborough Teachers</p> <p><b>BBC Bitesize website: The challenge of resource management</b></p> <ul style="list-style-type: none"> <li>Energy supply and consumption - AQA</li> </ul> <p><b>Seneca website: Geography: AQA GCSE</b> The challenge of resource management</p> <ul style="list-style-type: none"> <li>6.1.3 Water in the UK</li> <li>6.3.1 The global demand for water</li> </ul> <p><b>Oak National Academy Videos:</b> <a href="https://classroom.thenational.academy/lessons/reasons-for-increasing-water-consumption-ctj68c">https://classroom.thenational.academy/lessons/reasons-for-increasing-water-consumption-ctj68c</a></p> <p><a href="https://classroom.thenational.academy/lessons/issues-with-water-resources-in-the-uk-c4vpad">https://classroom.thenational.academy/lessons/issues-with-water-resources-in-the-uk-c4vpad</a></p> <p><a href="https://classroom.thenational.academy/lessons/natural-factors-affecting-water-availability-6crk2c">https://classroom.thenational.academy/lessons/natural-factors-affecting-water-availability-6crk2c</a></p> <p><a href="https://classroom.thenational.academy/lessons/human-factors-affecting-water-availability-cckgkc">https://classroom.thenational.academy/lessons/human-factors-affecting-water-availability-cckgkc</a></p>
	<b>What are the factors that affect water availability?</b>	<ul style="list-style-type: none"> <li>Be able to investigate the factors that influence water availability.</li> </ul>	<p>Read pages 276 and 278 in the Geography textbook.</p> <p>Complete activity 4, 'Stretch yourself' and 'Practice question' in full.</p>	
	<b>Year 9 recall work: What do I know about climate change?</b>	<ul style="list-style-type: none"> <li>Be able to complete an end of topic assessment on climate change.</li> </ul>	<p>Complete the test that has been provided by your teacher.</p>	<p><b>BBC Bitesize website: The challenge of resource management</b></p> <ul style="list-style-type: none"> <li>Distribution of resources – AQA</li> </ul> <p><b>Seneca website: Geography: AQA GCSE</b> The challenge of natural hazards – Climate change</p> <ul style="list-style-type: none"> <li>1.4.5 End of topic test – Climate change</li> <li>1.4.6 Exam style questions – Climate change</li> </ul>
1 <sup>st</sup> February	<b>What are the impacts of water insecurity?</b>	<ul style="list-style-type: none"> <li>Know what water insecurity is.</li> <li>Understand the factors that influence water insecurity.</li> </ul>	<p>Read pages 278 and 279 in the Geography textbook.</p> <p>Complete activities 1-3 and 'Practice question' in full.</p>	<p>Check on Microsoft Teams (<i>Year 10 Geography Team</i>) for resources prepared by Westborough Teachers</p> <p><b>BBC Bitesize website: The challenge of resource management</b></p> <ul style="list-style-type: none"> <li>Energy supply and consumption - AQA</li> </ul>
	<b>How can we manage water supplies</b>	<ul style="list-style-type: none"> <li>Know where people can get water from.</li> <li>Understand the positives of building dams.</li> </ul>	<p>Read pages 280 and 281 in the Geography textbook.</p>	<p><b>Seneca website: Geography: AQA GCSE</b> The challenge of resource management</p> <ul style="list-style-type: none"> <li>6.3.2 What affects the availability of water?</li> <li>6.3.3 Increasing water supplies</li> </ul>

		<ul style="list-style-type: none"> <li>Know the potential of desalination.</li> </ul>	Complete activities 1-4, 'Stretch yourself' and 'Practice question' in full.	<p><b>Oak National Academy Videos:</b></p> <p><a href="https://classroom.thenational.academy/lessons/impacts-of-water-insecurity-c8tk6t">https://classroom.thenational.academy/lessons/impacts-of-water-insecurity-c8tk6t</a></p> <p><a href="https://classroom.thenational.academy/lessons/strategies-to-increase-water-supply-part-1-6tgpcd">https://classroom.thenational.academy/lessons/strategies-to-increase-water-supply-part-1-6tgpcd</a></p> <p><a href="https://classroom.thenational.academy/lessons/strategies-to-increase-water-supply-part-2-61j3cc">https://classroom.thenational.academy/lessons/strategies-to-increase-water-supply-part-2-61j3cc</a></p>
	<b>Year 9 recall work: How do I improve my work?</b>	<ul style="list-style-type: none"> <li>Know how to improve your test on climate change.</li> </ul>	Use the feedback provided by teachers and the mark scheme to improve your test paper.	Check on Microsoft Teams ( <i>Year 10 Geography Team</i> ) for resources prepared by Westborough Teachers
8 <sup>th</sup> February	<b>What is happening in Lesotho?</b>	<ul style="list-style-type: none"> <li>Know how Lesotho use large scale water transfer schemes.</li> <li>Be able to locate and describe developing of Lesotho.</li> </ul>	<p>Read pages 282 and 283 in the Geography textbook.</p> <p>Complete activities 1-3, 'Stretch yourself' and 'Practice question' in full.</p>	<p>Check on Microsoft Teams (<i>Year 10 Geography Team</i>) for resources prepared by Westborough Teachers</p> <p><b>BBC Bitesize website: The challenge of resource management</b></p> <ul style="list-style-type: none"> <li>Energy supply and consumption - AQA</li> </ul>
	<b>What is sustainable water?</b>	<ul style="list-style-type: none"> <li>Know how we can sustainably manage water resources.</li> <li>Be able to define sustainability.</li> </ul>	<p>Read pages 284 and 285 in the Geography textbook.</p> <p>Complete activities 1-4, 'Stretch yourself' and 'Practice question' in full.</p>	<p><b>Seneca website: Geography: AQA GCSE</b></p> <p><u>The challenge of resource management</u></p> <ul style="list-style-type: none"> <li>6.3.5 Sustainable water supply</li> <li>6.3.7 Case study: Lesotho highland water project</li> <li>6.3.8 Case study: <i>Wakel river basin project</i></li> </ul>
	<b>How does a LIC increase the supply of sustainable water?</b>	<ul style="list-style-type: none"> <li>Know how Rajasthan increases its sustainable water supply.</li> <li>Be able to evaluate the success of these schemes.</li> </ul>	<p>Read pages 286 and 287 in the Geography textbook.</p> <p>Complete activities 1-4, 'Stretch yourself' and 'Practice question' in full.</p>	<p><b>Oak National Academy Videos:</b></p> <p><a href="https://classroom.thenational.academy/lessons/sustainable-water-supplies-part-1-74tp8t">https://classroom.thenational.academy/lessons/sustainable-water-supplies-part-1-74tp8t</a></p> <p><a href="https://classroom.thenational.academy/lessons/sustainable-water-supplies-part-2-6gw62c">https://classroom.thenational.academy/lessons/sustainable-water-supplies-part-2-6gw62c</a></p>
22 <sup>nd</sup> February	<b>What do I revise?</b>	<ul style="list-style-type: none"> <li>Be able to transfer my knowledge into an exam style questions</li> <li>Be able to revise.</li> </ul>	Revise the sections you have covered in the topic in preparation for your assessment.	<p>Check on Microsoft Teams (<i>Year 10 Geography Team</i>) for resources prepared by Westborough Teachers</p> <p><b>BBC Bitesize website: The challenge of resource management</b></p> <ul style="list-style-type: none"> <li>Energy supply and consumption - AQA</li> </ul>
	<b>What do I know about resource management?</b>	<ul style="list-style-type: none"> <li>Be able to complete an end of topic assessment on resource management .</li> </ul>	Complete the test that has been provided by your teacher.	<p><b>Seneca website: Geography: AQA GCSE</b></p> <p><u>The challenge of resource management</u></p> <p>6.3.9 Exam style questions – Water</p>
	<b>How do I improve my work?</b>	<ul style="list-style-type: none"> <li>Know how to improve your test on resource management.</li> </ul>	Use the feedback provided by teachers and the mark scheme to improve your test paper.	