



# Year 11 Geography – River Landscapes – 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	How does a river change along its course?	<ul style="list-style-type: none"> <li>Name the key features of a river.</li> <li>Describe the features of a river at the three different stages along with its erosion type</li> </ul>	Pages 114 and 115 in the Geography textbook.  Complete all activities in full.	Check on Microsoft Teams ( <i>Year 9 Geography Team</i> ) for resources prepared by Westborough Teachers  <b>BBC Bitesize website: River landscapes in the UK</b> <ul style="list-style-type: none"> <li>River processes – AQA</li> <li>River landforms – AQA</li> </ul> <b>Seneca website: Geography: AQA GCSE</b> <u>River landscapes in the UK:</u> <ul style="list-style-type: none"> <li>3.3.1 The River Valley</li> <li>3.3.3 Erosion, Transportation and Deposition</li> <li>3.3.4 Waterfalls, Gorges and Interlocking Spurs</li> </ul> <b>Seneca website: Geography: AQA GCSE – Diagnostic Misconceptions</b> <ul style="list-style-type: none"> <li>3.3.1 Rivers flow slower in the upper course</li> </ul> <b>Oak National Academy Videos:</b> <a href="https://classroom.thenational.academy/lessons/what-are-river-long-and-cross-profiles-6nh62c">https://classroom.thenational.academy/lessons/what-are-river-long-and-cross-profiles-6nh62c</a>  <a href="https://classroom.thenational.academy/lessons/how-do-rivers-erode-transport-and-deposit-their-load-64rp6t">https://classroom.thenational.academy/lessons/how-do-rivers-erode-transport-and-deposit-their-load-64rp6t</a>  <a href="https://classroom.thenational.academy/lessons/landforms-of-erosion-v-shaped-valleys-and-interlocking-spurs-cnj30t">https://classroom.thenational.academy/lessons/landforms-of-erosion-v-shaped-valleys-and-interlocking-spurs-cnj30t</a>  <a href="https://classroom.thenational.academy/lessons/landforms-of-erosion-waterfalls-and-gorges-cgr6ar">https://classroom.thenational.academy/lessons/landforms-of-erosion-waterfalls-and-gorges-cgr6ar</a>
	How does a river shape the land?	<ul style="list-style-type: none"> <li>Define key terms associated with transportation &amp; deposition.</li> <li>Describe the methods of transportation that occur in a river.</li> <li>Explain the situations under which rivers deposit materials.</li> </ul>	Pages 116 and 117 in the Geography textbook.  Complete all activities in full.	
	What landforms are created as a result of erosion?	<ul style="list-style-type: none"> <li>State the landforms created by erosion.</li> <li>Explain how interlocking spurs, waterfalls and gorges form.</li> <li>Explain, using key terms, how erosion shapes the upper course of a river.</li> </ul>	Pages 118 and 119 in the Geography textbook.  Complete all activities in full.	
11 <sup>th</sup> January	What landforms are created as a result of erosion and deposition?	<ul style="list-style-type: none"> <li>Name the key characteristics of meanders and ox-bow lakes,</li> <li>Describe where oxbow lakes and meanders occur.</li> <li>Explain the formation of meanders and oxbow lakes.</li> </ul>	Page 120 in the Geography textbook.  Complete all activities 1-3 in full.	Check on Microsoft Teams ( <i>Year 9 Geography Team</i> ) for resources prepared by Westborough Teachers  <b>BBC Bitesize website:</b> <b>River landscapes in the UK</b> <ul style="list-style-type: none"> <li>River processes – AQA</li> <li>River landforms – AQA</li> </ul>

	What are landforms in the middle course?	<ul style="list-style-type: none"> <li>Name the key characteristics and geography of meanders and ox-bow lakes,</li> <li>Describe and explain exam style questions showing your knowledge and understanding.</li> </ul>	Print out of the work used in Lesson 4b 'Offline resources'.	<p><b>Seneca website: Geography: AQA GCSE</b>  <u>River landscapes in the UK:</u></p> <ul style="list-style-type: none"> <li>3.3.1 The River Valley</li> <li>3.3.3 Erosion, Transportation and Deposition</li> <li>3.3.5 Meanders and Oxbow lakes</li> </ul> <p><b>Seneca website: Geography: AQA GCSE – Diagnostic Misconceptions</b></p> <ul style="list-style-type: none"> <li>3.3.2 When and where deposition happens</li> </ul> <p><b>Oak National Academy Videos:</b>  <a href="https://classroom.thenational.academy/lessons/landforms-of-erosion-and-deposition-meanders-and-oxbow-lakes-6wtp8e">https://classroom.thenational.academy/lessons/landforms-of-erosion-and-deposition-meanders-and-oxbow-lakes-6wtp8e</a>   <a href="https://classroom.thenational.academy/lessons/os-maps-ccw6at">https://classroom.thenational.academy/lessons/os-maps-ccw6at</a></p>
	What is on the map?	<ul style="list-style-type: none"> <li>Be able to identify the key characteristics of a river on OS maps</li> <li>Describe the physical characteristics from a map and aerial photograph.</li> <li>Describe the interaction of human an physical features on an OS map</li> </ul>	Print out of the work used in Lesson 5 'Offline resources'.	
18 <sup>th</sup> January	What landforms are created by deposition?	<ul style="list-style-type: none"> <li>State the landforms found in the lower course of a river.</li> <li>Describe the key characteristics of floodplains, levees and estuaries.</li> <li>Explain the formation of floodplains, estuaries and levees.</li> </ul>	Page 121 in the Geography textbook.  Complete activity 3, 'Stretch yourself' and 'Practice question'.	<p>Check on Microsoft Teams (<i>Year 9 Geography Team</i>) for resources prepared by Westborough Teachers</p> <p><b>BBC Bitesize website:</b>  <b>River landscapes in the UK</b></p> <ul style="list-style-type: none"> <li>River processes – AQA</li> <li>River landforms – AQA</li> </ul> <p><b>Seneca website: Geography: AQA GCSE</b>  <u>River landscapes in the UK:</u></p> <ul style="list-style-type: none"> <li>3.3.2 River Valley Case Study – River Tees</li> <li>3.3.3 Erosion, Transportation and Deposition</li> <li>3.3.6 Floodplains and Levees</li> <li>3.3.7 Estuaries</li> </ul> <p><b>Seneca website: Geography: AQA GCSE – Diagnostic Misconceptions</b></p> <ul style="list-style-type: none"> <li>3.3.2 When and where deposition happens</li> </ul> <p><b>Oak National Academy Videos:</b>  <a href="https://classroom.thenational.academy/lessons/landforms-of-deposition-levees-floodplains-and-estuaries-cmw62c">https://classroom.thenational.academy/lessons/landforms-of-deposition-levees-floodplains-and-estuaries-cmw62c</a></p>
	Where is the River Tees and what would we find there?	<ul style="list-style-type: none"> <li>State the landforms found along the course of the River Tees.</li> <li>Describe the location of the River Tees.</li> <li>Explain the formation of landforms along the course of the River Tees.</li> </ul>	Pages 122 and 123 in the Geography textbook.  Complete all activities in full.	
	How does the River Tees change from source to mouth?	<ul style="list-style-type: none"> <li>State the landforms found along the course of the River Tees.</li> <li>Describe the location of the River Tees.</li> <li>Explain the formation of landforms along the course of the River Tees.</li> </ul>	Pages 122 and 123 in the Geography textbook.  Complete the practice question.	

25 <sup>th</sup> January	Why do areas flood?	<ul style="list-style-type: none"> <li>Define the key terms of the hydrological cycle.</li> <li>Describe a range of causes of flooding.</li> <li>Explain both human and physical causes of flooding.</li> </ul>	Print out of the work used in Lesson 9 'Offline resources'.	<p>Check on Microsoft Teams (<i>Year 9 Geography Team</i>) for resources prepared by Westborough Teachers</p> <p><b><u>Oak National Academy Videos:</u></b></p> <p><a href="https://classroom.thenational.academy/lessons/how-does-the-river-drainage-basin-system-work-c8r3cd">https://classroom.thenational.academy/lessons/how-does-the-river-drainage-basin-system-work-c8r3cd</a></p> <p><a href="https://classroom.thenational.academy/lessons/what-are-the-human-and-physical-factors-that-increase-flood-risk-74w3gr">https://classroom.thenational.academy/lessons/what-are-the-human-and-physical-factors-that-increase-flood-risk-74w3gr</a></p> <p><a href="https://classroom.thenational.academy/lessons/what-are-hydrographs-and-what-do-they-show-c8ukjt">https://classroom.thenational.academy/lessons/what-are-hydrographs-and-what-do-they-show-c8ukjt</a></p>
	What is a hydrographs?	<ul style="list-style-type: none"> <li>Identify the key features of a hydrograph.</li> <li>Explain how and why the shape of a hydrograph changes</li> <li>Compare and contrast hydrographs suggesting reasons for their shapes.</li> </ul>	<p>Pages 124 and 125 in the Geography textbook.</p> <p>Complete all activities 1-3 and the 'Stretch yourself</p>	
	Is flooding a natural occurrence?	<ul style="list-style-type: none"> <li>State some human and physical causes of flooding.</li> <li>Annotate the reasons for river discharge of an area.</li> <li>Explain what makes some areas more prone to flood than others.</li> </ul>	<p>Pages 124 and 125 in the Geography textbook.</p> <p>Complete all activity 4 and the Practice question.</p>	
1 <sup>st</sup> February	How can we reduce the risks of flooding?	<ul style="list-style-type: none"> <li>Define the term hard engineering.</li> <li>Explain how hard engineering strategies can reduce flood risk. Evaluate the use of hard engineering in reducing flood risk</li> </ul>	<p>Pages 126 and 127 in the Geography textbook.</p> <p>Complete all activities in full.</p>	<p>Check on Microsoft Teams (<i>Year 9 Geography Team</i>) for resources prepared by Westborough Teachers</p> <p><b>BBC Bitesize website:</b>  <b>River landscapes in the UK</b></p> <ul style="list-style-type: none"> <li>River management – AQA</li> </ul> <p><b>Seneca website: Geography: AQA GCSE</b>  <b>River landscapes in the UK:</b></p> <ul style="list-style-type: none"> <li>3.3.10 Hard and Soft Flood Defences</li> </ul> <p><b><u>Oak National Academy Videos:</u></b></p> <p><a href="https://classroom.thenational.academy/lessons/how-can-rivers-be-managed-using-hard-engineering-strategies-75jp2e">https://classroom.thenational.academy/lessons/how-can-rivers-be-managed-using-hard-engineering-strategies-75jp2e</a></p> <p><a href="https://classroom.thenational.academy/lessons/soft-engineering-river-management-part-1-cdh62e">https://classroom.thenational.academy/lessons/soft-engineering-river-management-part-1-cdh62e</a></p> <p><a href="https://classroom.thenational.academy/lessons/soft-engineering-river-management-part-2-6npj4t">https://classroom.thenational.academy/lessons/soft-engineering-river-management-part-2-6npj4t</a></p>
	How can soft engineering reduce the risks of flooding?	<ul style="list-style-type: none"> <li>Define the term soft engineering.</li> <li>Explain how soft engineering strategies can reduce flood risk.</li> <li>Evaluate the use of soft engineering in reducing flood risk</li> </ul>	<p>Pages 128 and 129 in the Geography textbook.</p> <p>Complete all activities in full, including the Practice Question.</p>	
	Which type of river management is the most effective?	<ul style="list-style-type: none"> <li>Evaluate the use of hard and soft engineering in reducing flood risk</li> <li>Be able to use your knowledge to justify the use of hard and soft engineering.</li> </ul>	<p>Pages 126 and 127 in the Geography textbook.</p> <p>Complete the 'Practice Question'.</p>	

8 <sup>th</sup> February	How is the River Tees be managed?	<ul style="list-style-type: none"> <li>Describe the flood management of the River Tees.</li> <li>Explain the advantages &amp; disadvantages of the flood management of the River Tees.</li> <li>Evaluate the flood management of the River Tees.</li> </ul>	Print out of the work used in Lesson 15 'Offline resources'.	<p>Check on Microsoft Teams (<i>Year 9 Geography Team</i>) for resources prepared by Westborough Teachers</p> <p><b><u>BBC Bitesize website:</u></b>  <b>River landscapes in the UK</b></p> <ul style="list-style-type: none"> <li>River management – AQA</li> </ul> <p><b><u>Seneca website: Geography: AQA GCSE</u></b>  <b>River landscapes in the UK:</b></p> <ul style="list-style-type: none"> <li>3.3.2 River Valley Case Study – River Tees</li> <li>3.3.13 End of Topic Test – River Landscapes in the UK</li> <li>3.3.14 Exam style Questions – Rivers</li> </ul> <p><b><u>Seneca website: Geography: AQA GCSE – Standardised Assessment</u></b></p> <ul style="list-style-type: none"> <li>1.3.2 Standardised Assessments – UK River Landscapes</li> </ul> <p><b><u>Oak National Academy Videos:</u></b>  <a href="https://classroom.thenational.academy/lessons/landforms-in-a-uk-river-valley-the-river-tees-6gukjt">https://classroom.thenational.academy/lessons/landforms-in-a-uk-river-valley-the-river-tees-6gukjt</a></p>
	How can we link rivers to fieldwork?	<ul style="list-style-type: none"> <li>To be able to link your rivers topic to your fieldwork element of the course.</li> </ul>	Print out of the sheet used in Lesson 16 'Fieldwork Link – Rivers'.	
	Revision	<ul style="list-style-type: none"> <li>Be able to revise for your upcoming End of topic test on Rivers.</li> </ul>	Print out of the work used in Lesson 17 'Offline resources'.	
22 <sup>nd</sup> February	Test	<ul style="list-style-type: none"> <li>Be able to complete your upcoming End of topic test on Rivers.</li> </ul>	Print out of the test.	<p>Check on Microsoft Teams (<i>Year 9 Geography Team</i>) for resources prepared by Westborough Teachers</p>
	Feedback Lesson	<ul style="list-style-type: none"> <li>Know and understand how to improve your work in Geography.</li> </ul>		
	Green pen test	<ul style="list-style-type: none"> <li>Be able to complete your upcoming End of topic test on Rivers, acting on improvements from the last test.</li> </ul>		