



Year 9 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:
4/01/21	How does a river change along its course?	<ul style="list-style-type: none"> Name the key features of a river. Describe the features of a river at the three different stages along with its erosion type 	Pages 114 and 115 in the Geography textbook.	Check on Microsoft Teams (<i>Year 9 Geography Team</i>) for resources prepared by Westborough Teachers BBC Bitesize website: River landscapes in the UK <ul style="list-style-type: none"> River processes – AQA River landforms – AQA Seneca website: Geography: AQA GCSE River landscapes in the UK: <ul style="list-style-type: none"> 3.3.1 The River Valley 3.3.3 Erosion, Transportation and Deposition 3.3.4 Waterfalls, Gorges and Interlocking Spurs Seneca website: Geography: AQA GCSE – Diagnostic Misconceptions <ul style="list-style-type: none"> 3.3.1 Rivers flow slower in the upper course Oak National Academy Videos: https://classroom.thenational.academy/lessons/what-are-river-long-and-cross-profiles-6nh62c https://classroom.thenational.academy/lessons/how-do-rivers-erode-transport-and-deposit-their-load-64rp6t https://classroom.thenational.academy/lessons/landforms-of-erosion-v-shaped-valleys-and-interlocking-spurs-cnj30t https://classroom.thenational.academy/lessons/landforms-of-erosion-waterfalls-and-gorges-cgr6ar
	How does a river shape the land?	<ul style="list-style-type: none"> Define key terms associated with transportation & deposition. Describe the methods of transportation that occur in a river. Explain the situations under which rivers deposit materials. 	Pages 116 and 117 in the Geography textbook.	
	What landforms are created as a result of erosion?	<ul style="list-style-type: none"> State the landforms created by erosion. Explain how interlocking spurs, waterfalls and gorges form. Explain, using key terms, how erosion shapes the upper course of a river. 	Pages 118 and 119 in the Geography textbook.	

11/01/21	What landforms are created as a result of erosion and deposition?	<ul style="list-style-type: none"> Name the key characteristics of meanders and ox-bow lakes, Describe where oxbow lakes and meanders occur. Explain the formation of meanders and oxbow lakes. 	Page 120 in the Geography textbook. Complete all activities 1-3 in full.	<p>Check on Microsoft Teams (<i>Year 9 Geography Team</i>) for resources prepared by Westborough Teachers</p> <p>BBC Bitesize website: River landscapes in the UK</p> <ul style="list-style-type: none"> River processes – AQA River landforms – AQA <p>Seneca website: Geography: AQA GCSE River landscapes in the UK:</p> <ul style="list-style-type: none"> 3.3.1 The River Valley 3.3.3 Erosion, Transportation and Deposition 3.3.5 Meanders and Oxbow lakes <p>Seneca website: Geography: AQA GCSE – Diagnostic Misconceptions</p> <ul style="list-style-type: none"> 3.3.2 When and where deposition happens <p>Oak National Academy Videos: https://classroom.thenational.academy/lessons/landforms-of-erosion-and-deposition-meanders-and-oxbow-lakes-6wtp8e https://classroom.thenational.academy/lessons/os-maps-ccw6at</p>
	What are landforms in the middle course?	<ul style="list-style-type: none"> Name the key characteristics and geography of meanders and ox-bow lakes, Describe and explain exam style questions showing your knowledge and understanding. 	Print out of the work used in Lesson 4b 'Offline resources'.	
	What is on the map?	<ul style="list-style-type: none"> Be able to identify the key characteristics of a river on OS maps Describe the physical characteristics from a map and aerial photograph. Describe the interaction of human and physical features on an OS map 	Print out of the work used in Lesson 5 'Offline resources'.	
18/01/21	What landforms are created by deposition?	<ul style="list-style-type: none"> State the landforms found in the lower course of a river. Describe the key characteristics of floodplains, levees and estuaries. Explain the formation of floodplains, estuaries and levees. 	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>BBC Bitesize website: River landscapes in the UK</p> <ul style="list-style-type: none"> River processes – AQA River landforms – AQA <p>Seneca website: Geography: AQA GCSE River landscapes in the UK:</p> <ul style="list-style-type: none"> 3.3.2 River Valley Case Study – River Tees 3.3.3 Erosion, Transportation and Deposition 3.3.6 Floodplains and Levees 3.3.7 Estuaries <p>Seneca website: Geography: AQA GCSE – Diagnostic Misconceptions</p> <ul style="list-style-type: none"> 3.3.2 When and where deposition happens <p>Oak National Academy Videos: https://classroom.thenational.academy/lessons/landforms-of-deposition-levees-floodplains-and-estuaries-cmw62c</p>
	Where is the River Tees and what would we find there?	<ul style="list-style-type: none"> State the landforms found along the course of the River Tees. Describe the location of the River Tees. Explain the formation of landforms along the course of the River Tees. 	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"> State the landforms found along the course of the River Tees. Describe the location of the River Tees. Explain the formation of landforms along the course of the River Tees. 	Pages 122 and 123 in the Geography textbook. Complete the practice question.	

25/01/21	Why do areas flood?	<ul style="list-style-type: none"> Define the key terms of the hydrological cycle. Describe a range of causes of flooding. Explain both human and physical causes of flooding. 	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>Oak National Academy Videos:</p> <p>https://classroom.thenational.academy/lessons/how-does-the-river-drainage-basin-system-work-c8r3cd</p> <p>https://classroom.thenational.academy/lessons/what-are-the-human-and-physical-factors-that-increase-flood-risk-74w3gr</p> <p>https://classroom.thenational.academy/lessons/what-are-hydrographs-and-what-do-they-show-c8ukjt</p>
	What is a hydrographs?	<ul style="list-style-type: none"> Identify the key features of a hydrograph. Explain how and why the shape of a hydrograph changes Compare and contrast hydrographs suggesting reasons for their shapes. 	<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"> State some human and physical causes of flooding. Annotate the reasons for river discharge of an area. Explain what makes some areas more prone to flood than others. 	<p>Pages 124 and 125 in the Geography textbook.</p> <p>Complete all activity 4 and the Practice question.</p>	
01/02/21	How can we reduce the risks of flooding?	<ul style="list-style-type: none"> Define the term hard engineering. Explain how hard engineering strategies can reduce flood risk. Evaluate the use of hard engineering in reducing flood risk 	<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>BBC Bitesize website:</p> <p>River landscapes in the UK</p> <ul style="list-style-type: none"> River management – AQA <p>Seneca website:Geography: AQA GCSE</p> <p><u>River landscapes in the UK:</u></p> <ul style="list-style-type: none"> 3.3.10 Hard and Soft Flood Defences <p>Oak National Academy Videos:</p> <p>https://classroom.thenational.academy/lessons/how-can-rivers-be-managed-using-hard-engineering-strategies-75jp2e</p> <p>https://classroom.thenational.academy/lessons/soft-engineering-river-management-part-1-cdh62e</p> <p>https://classroom.thenational.academy/lessons/soft-engineering-river-management-part-2-6njp4t</p>
	How can soft engineering reduce the risks of flooding?	<ul style="list-style-type: none"> Define the term soft engineering. Explain how soft engineering strategies can reduce flood risk. Evaluate the use of soft engineering in reducing flood risk 	<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"> Evaluate the use of hard and soft engineering in reducing flood risk Be able to use your knowledge to justify the use of hard and soft engineering. 	<p>Pages 126 and 127 in the Geography textbook.</p> <p>Complete the 'Practice Question'.</p>	

08/02/21	How is the River Tees be managed?	<ul style="list-style-type: none"> Describe the flood management of the River Tees. Explain the advantages & disadvantages of the flood management of the River Tees. Evaluate the flood management of the River Tees. 	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>BBC Bitesize website: River landscapes in the UK</p> <ul style="list-style-type: none"> River management – AQA <p>Seneca website: Geography: AQA GCSE River landscapes in the UK:</p> <ul style="list-style-type: none"> 3.3.2 River Valley Case Study – River Tees 3.3.13 End of Topic Test – River Landscapes in the UK 3.3.14 Exam style Questions – Rivers <p>Seneca website: Geography: AQA GCSE – Standardised Assessment</p> <ul style="list-style-type: none"> 1.3.2 Standardised Assessments – UK River Landscapes <p>Oak National Academy Videos: https://classroom.thenational.academy/lessons/landforms-in-a-uk-river-valley-the-river-tees-6gukjt</p>
	How can we link rivers to fieldwork?	<ul style="list-style-type: none"> To be able to link your rivers topic to your fieldwork element of the course. 	Print out of the sheet used in Lesson 16 'Fieldwork Link – Rivers'.	
	Revision	<ul style="list-style-type: none"> Be able to revise for your upcoming End of topic test on Rivers. 	Print out of the work used in Lesson 17 'Offline resources'.	
22/02/21	Test	<ul style="list-style-type: none"> Be able to complete your upcoming End of topic test on Rivers. 	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"> Know and understand how to improve your work in Geography. 		
	Green pen test	<ul style="list-style-type: none"> Be able to complete your upcoming End of topic test on Rivers, acting on improvements from the last test. 		