



Year 9 Geography – Tectonic Landscapes and Weather Hazards - Summer Term 1 – KNOWLEDGE ORGANISER

Year group: 9	Unit: Tectonic Landscapes and Weather Hazards		Date (from and to): 12 th April to 28 th May	
Week beginning:	Big question / concept:	Learning intentions:	Resources	
			Offline:	Online including links on how to access these:
12 th April	11. How do tectonic hazards compare in areas of contrasting wealth?	<ul style="list-style-type: none"> Suggest why the effects and responses to the L'Aquila and Kashmir earthquake differ. Describe why the effects and responses differ. Explain why the effects and responses differ. 	Print out of the work in Tectonic Landscapes: Lesson 11 'Offline resources'	Check on Microsoft Teams (Year 9 Geography Team) for resources prepared by Westborough Teachers BBC Bitesize website: The challenge of natural hazards <ul style="list-style-type: none"> Earthquakes – AQA Volcanoes - AQA Seneca website: Geography: AQA GCSE Tectonic landscapes <ul style="list-style-type: none"> 1.2.4 Effects 1.2.5 Responses to volcanoes 1.2.6 Earthquakes 1.2.7 Earthquakes 2 1.2.8 Responses to earthquakes 1.2.9 Case studies 1.2.12 Living with tectonic hazards Oak National Academy Videos: https://classroom.thenational.academy/lessons/effects-and-responses-of-tectonic-hazards-c5h30c https://classroom.thenational.academy/lessons/effects-of-earthquakes-new-zealand-and-nepal-6cwk4c https://classroom.thenational.academy/lessons/reasons-why-people-live-in-tectonic-areas-68ukar
	12. Why do people live near tectonic areas?	<ul style="list-style-type: none"> Describe why people live in tectonic areas. Explain the social and economic reasons why people live in tectonic areas. Analyse the reasons. 	Read pages 18 and 19 in the Geography textbook. Complete all activities in full. Including 'Practice question'.	
	13. How do we reduce the impacts of tectonic activity?	<ul style="list-style-type: none"> Describe how we can reduce the impacts of tectonic hazards. Explain how we can reduce the impacts of tectonic hazards Analyse and justify the most effective method. 	Read pages 20 and 21 in the Geography textbook. Complete all activities in full. Including 'Practice question'.	

19 th April	14. What do I revise?	<ul style="list-style-type: none"> Be able to revise for your upcoming End of topic test on Natural hazards and tectonic landscapes. 	Print out of the work in Tectonic Landscapes: Lesson 14 'Offline resources'	<p>Teachers</p> <p>BBC Bitesize website: The challenge of natural hazards</p> <ul style="list-style-type: none"> Earthquakes – AQA Volcanoes – AQA <p>Seneca website: Geography: AQA GCSE Tectonic landscapes</p> <ul style="list-style-type: none"> 1.2.14 Exam style questions <p>Seneca website: Geography: AQA GCSE – Standardised assessment</p> <ul style="list-style-type: none"> 1.1.2 Tectonics <p>Oak National Academy Videos: https://classroom.thenational.academy/lessons/reducing-the-risk-of-tectonic-hazards-monitoring-and-prediction-chip4d</p> <p>https://classroom.thenational.academy/lessons/reducing-the-risk-of-tectonic-hazards-protection-and-planning-6wtk6c</p>
	15. What about my Interleaving question?	<ul style="list-style-type: none"> Be able to revise for your upcoming interleaving topic on Rivers. 	Using material previously produced in class or at home, students will revise the topic of rivers.	
	Test	<ul style="list-style-type: none"> Be able to complete your upcoming End of topic test on Natural hazards and tectonic landscapes. 	Print out of the test.	
26 th April	17. Feedback Lesson	<ul style="list-style-type: none"> Know and understand how to improve your work in Geography. 	Look through the mark scheme that will be emailed to you by your teachers.	<p>Check on Microsoft Teams (<i>Year 9 Geography Team</i>) for resources prepared by Westborough Teachers</p> <p>Seneca website: Geography: AQA GCSE The challenge of natural hazards</p> <ul style="list-style-type: none"> 1.1.5 Exam style questions <p>Tectonic landscapes</p> <ul style="list-style-type: none"> 1.2.14 Exam style questions <p>Seneca website: Geography: AQA GCSE – Standardised assessment</p> <ul style="list-style-type: none"> 1.1.1 Natural hazards 1.1.2 Tectonics
	18. 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. 	Act on the feedback that has been provided by your teachers	
	What is global atmospheric circulation?	<ul style="list-style-type: none"> State the differences between low and high pressure systems. Describe the key features of atmospheric circulation. Explain how atmospheric circulation causes weather patterns. 	GCSE 9-1 Geography Textbook (Oxford). Read the following pages and complete the 'Activities' questions and 'Practice questions'. <ul style="list-style-type: none"> Pages 22-23 	
3 rd May	How does global atmospheric circulation effect climate?	<ul style="list-style-type: none"> State the names of the three cells that move air around Earth. Describe how air moves around the globe. Explain, using the global atmospheric circulation model, why different biomes types have different locations. 	GCSE 9-1 Geography Textbook (Oxford). Read the following pages and complete the 'Activities' questions and 'Practice questions'. <ul style="list-style-type: none"> Pages 22-23 	<p>Check on Microsoft Teams (<i>Year 9 Geography Team</i>) for resources prepared by Westborough Teachers</p> <p>Oak National Academy</p> <ul style="list-style-type: none"> https://classroom.thenational.academy/units/climatic-hazards-6a18 - Lesson 1 <p>BBC Bitesize</p> <ul style="list-style-type: none"> https://www.bbc.co.uk/bitesize/guides/zpxgk7h/revision/1

	What are Tropical Storms?	<ul style="list-style-type: none"> State the definition of a tropical storm. Describe where tropical storms occur. Explain, using the global atmospheric circulation model, why tropical storms occur in only these areas. 	<p>GCSE 9-1 Geography Textbook (Oxford). Read the following pages and complete the 'Activities' questions and 'Practice questions'.</p> <ul style="list-style-type: none"> Pages 24-25 	<p>Check on Microsoft Teams (<i>Year 9 Geography Team</i>) for resources prepared by Westborough Teachers</p> <p><u>Oak National Academy</u></p> <ul style="list-style-type: none"> https://classroom.thenational.academy/units/climatic-hazards-6a18 - Lesson 2 <p><u>BBC Bitesize</u> https://www.bbc.co.uk/bitesize/guides/zpxgk7h/revision/1</p>
	How do Tropical Storms Form?	<ul style="list-style-type: none"> State the key features of a tropical storm. Describe what happens when a tropical storm reaches land. Explain the formation of a tropical storm. 	<p>GCSE 9-1 Geography Textbook (Oxford). Read the following pages and complete the 'Activities' questions and 'Practice questions'.</p> <ul style="list-style-type: none"> Pages 26-27 	<p>Check on Microsoft Teams (<i>Year 9 Geography Team</i>) for resources prepared by Westborough Teachers</p> <p><u>Oak National Academy</u></p> <ul style="list-style-type: none"> https://classroom.thenational.academy/units/climatic-hazards-6a18 - Lesson 3 <p><u>BBC Bitesize</u> https://www.bbc.co.uk/bitesize/guides/zpxgk7h/revision/2</p>
10 th May	How are Tropical Storms measured and what are their effects?	<ul style="list-style-type: none"> State the likely effects of a tropical storm. Describe the Saffir-Simpson scale and how this effects storm damage. Explain how tropical storms form, develop and die down. 	<p>GCSE 9-1 Geography Textbook (Oxford). Read the following pages and complete the 'Activities' questions and 'Practice questions'.</p> <ul style="list-style-type: none"> Pages 30-31 	<p>Check on Microsoft Teams (<i>Year 9 Geography Team</i>) for resources prepared by Westborough Teachers</p> <p><u>Oak National Academy</u></p> <ul style="list-style-type: none"> https://classroom.thenational.academy/units/climatic-hazards-6a18 Lesson 3
	A case study of a tropical storm – Typhoon Haiyan, the Philippines	<ul style="list-style-type: none"> State the primary and secondary effects of a tropical storm Describe the immediate and long-term responses. Evaluate the effectiveness of the responses to Typhoon Haiyan. 	<p>GCSE 9-1 Geography Textbook (Oxford). Read the following pages and complete the 'Activities' questions and 'Practice questions'.</p> <ul style="list-style-type: none"> Pages 28-29 	<p>Check on Microsoft Teams (<i>Year 9 Geography Team</i>) for resources prepared by Westborough Teachers</p> <p><u>Oak National Academy</u></p> <ul style="list-style-type: none"> https://classroom.thenational.academy/units/climatic-hazards-6a18 Lesson 4 <p><u>BBC Bitesize</u> https://www.bbc.co.uk/bitesize/guides/zpxgk7h/revision/5</p>
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17 th May	Tropical storms and Climate Change	<ul style="list-style-type: none"> Recap the causes of climate change. Describe the ways that climate change will affect tropical storms. Explain the impact of climate change on tropical storms. 	<p>GCSE 9-1 Geography Textbook (Oxford). Read the following pages and complete the 'Activities' questions and 'Practice questions'.</p> <ul style="list-style-type: none"> Pages 26-27 	<p>Check on Microsoft Teams (<i>Year 9 Geography Team</i>) for resources prepared by Westborough Teachers</p> <p><u>Oak National Academy</u></p> <ul style="list-style-type: none"> https://classroom.thenational.academy/units/climatic-hazards-6a18 Lesson 8 <p><u>BBC Bitesize</u> https://www.bbc.co.uk/bitesize/guides/zpxgk7h/revision/3</p>
	Managing tropical Storms.	<ul style="list-style-type: none"> Describe strategies to manage tropical storms <p>Evaluate the effectiveness of different storm management techniques</p>	<p>GCSE 9-1 Geography Textbook (Oxford). Read the following pages and complete the 'Activities' questions and 'Practice questions'.</p> <ul style="list-style-type: none"> Pages 30-31 	<p>Check on Microsoft Teams (<i>Year 9 Geography Team</i>) for resources prepared by Westborough Teachers</p> <p><u>Oak National Academy</u></p> <ul style="list-style-type: none"> https://classroom.thenational.academy/units/climatic-hazards-6a18 Lesson 8 <p><u>BBC Bitesize</u> https://www.bbc.co.uk/bitesize/guides/zpxgk7h/revision/4</p>
	Weather hazards in the UK	<ul style="list-style-type: none"> State the different types of weather hazard which affect the UK Describe the effects, impacts and responses to a named UK weather hazard 	<p>GCSE 9-1 Geography Textbook (Oxford). Read the following pages and complete the 'Activities' questions and 'Practice questions'.</p> <ul style="list-style-type: none"> Pages 32-33 	<p>Check on Microsoft Teams (<i>Year 9 Geography Team</i>) for resources prepared by Westborough Teachers</p> <p><u>Oak National Academy</u></p> <ul style="list-style-type: none"> https://classroom.thenational.academy/units/climatic-hazards-6a18 Lesson 9 <p><u>BBC Bitesize</u> https://www.bbc.co.uk/bitesize/guides/zgvjxsg/revision/1 https://www.bbc.co.uk/bitesize/guides/zgvjxsg/revision/2</p>
24 th May	Climate change and UK Weather	<ul style="list-style-type: none"> Describe the impacts of climate change on the UK Explain the extent to which climate change will affect the UK's weather 	<p>GCSE 9-1 Geography Textbook (Oxford). Read the following pages and complete the 'Activities' questions and 'Practice questions'.</p> <ul style="list-style-type: none"> Pages 38-39 	<p>Check on Microsoft Teams (<i>Year 9 Geography Team</i>) for resources prepared by Westborough Teachers</p> <p><u>Oak National Academy</u></p> <ul style="list-style-type: none"> https://classroom.thenational.academy/units/climatic-hazards-6a18 Lesson 9 <p><u>BBC Bitesize</u> https://www.bbc.co.uk/bitesize/guides/zgvjxsg/revision/3</p>
	Interleaving revision	<ul style="list-style-type: none"> To revise key information from previous topics 		
	Revision	<ul style="list-style-type: none"> To revise key information from this topics 		