

Curriculum Map: Key Stage 4 Geography

	Year 10	Year 11
September	<p>Paper 1 Section A The challenge of natural hazards</p> <p>1) What are natural hazards? Tectonic Hazards</p> <p>2. What factors affect hazard risk? 3) How are tectonic hazards distributed? 4) What is the theory of plate tectonics? 5) What are the different plate margins</p> <p>Key piece: Natural Hazards exam</p>	<p>Paper 2 Section B: The Changing Economic World</p> <p>A Case Study of a NEE - Nigeria</p> <p>1) What is the importance of Nigeria? 2) What are the links Nigeria has with the wider world? 3) How has the employment structure of Nigeria changed? 4) What have TNCs done for Nigeria? 5) How have Nigeria's trading and political relationships changed? 6) How has aid benefited Nigeria? 7) What happened in the Bodo Oil Spill? 8) How has quality of life in Nigeria changed?</p> <p>Key piece: Using an example of an NEE, evaluate the effects of economic development on the population's quality of life. (9)</p>
	<p>Haiti Earthquake Case Study</p> <p>6) Why was the Haiti earthquake so deadly? 7) How did New Zealand cope with an earthquake? 8) Are primary effects more significant than secondary effects? 9) What are the 3 P's? 10) Why do people live in tectonically active areas?</p> <p>Key piece: The challenge of tectonic hazards final paper</p> <p>Weather hazards</p> <p>1. How does the global climate system work? 2. What are tropical storms? Typhoon Haiyan Case Study</p> <p>3. What happened when a super typhoon hit the Philippines? 4. Is prediction the most important factor in reducing the impact of tropical storms? 5. Does the UK experience extreme weather? 6. What were the causes of the Somerset Floods? 7. Can you interpret OS maps to study flood hazards?</p> <p>Key piece: Using a named example, evaluate the immediate and long-term responses to a tropical storm (9)</p> <p>Climate Change</p> <p>1. What is the evidence for climate change? 2. What are causes and effects of a changing climate? 3. How can we mitigate the effects or adapt to prevent a changing climate?</p>	<p>The changing UK economy</p> <p>1) What has caused economic change in the UK? 2) What is a post-industrial economy? 3) How can industry become more sustainable? 4) How are rural areas in the UK changing? 5) Can improvements in transport infrastructure improve the economy? 6) What is the North-South divide? 7) What strategies can reduce the North-South divide? 8) How is the UK linked with the wider world?</p> <p>Key piece: UK economy examination</p> <p>Key Piece: Full Changing Economic World Examination paper</p>
October		
November	<p>Paper 2 Section A Urban Issues and Challenges</p> <p>1. What is urbanisation? 2. Why are there more and more megacities in the world?</p> <p>Case Study – Rio de Janeiro (major city in a NEE)</p> <p>1. Why is Rio de Janeiro an important city? 2. What are the social challenges in Rio? 3. What are the economic challenges in Rio? 4. What are the environmental challenges in Rio?</p>	<p>Paper 1 Section C Physical Landscapes in the UK</p> <p>1. What are the major features of the UK landscape?</p> <p>Coastal Landscapes in the UK</p> <p>2. What are the 2 types of wave? 3. How does weathering and erosion create coastal landforms? 4. How was Old Harry made?</p> <p>Key piece : Coastal Landscapes examination</p> <p>5. What are the distinctive landforms of deposition?</p>

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December	<p>5. How can life improve for the urban poor?</p> <p>Working at 1: WA1: Full weather hazards and climate change examination paper</p> <p>Key piece: To what extent can urban planning help to improve the life of the urban poor in a NEE city you have studied? (9)</p>	<p>6. How can we protect the coastline? 7. Has Holderness been successful in protecting the coast?</p> <p>December PPE: Full past paper examination</p> <p>Key piece: Evaluate the success or failure of the coastal management strategies at Holderness. (6)</p>
January	<p>Case Study – Manchester (major city in a HIC)</p> <ol style="list-style-type: none"> 1) What factors can explain the distribution of UK cities? 2) Why is Manchester an important city? 3) How has migration changed the character of the city? 4) What opportunities are there in Manchester? <p>Key piece: In a HIC city you have studied, to what extent are there social and economic opportunities (9 + 3 SPAG)</p>	<p>River Landscapes in the UK</p> <ol style="list-style-type: none"> 1. How do rivers change downstream? 2. How do rivers shape the landscape? 3. How do rivers transport material? 4. What river landforms are found in the upper course? <p>Key piece: Explain the processes the lead to the formation of a waterfall (6)</p>
February	<ol style="list-style-type: none"> 5) What challenges does Manchester face? 6) How did parts of Manchester become regenerated? 7) Will Manchester become a sustainable city? 8) How can cities solve their transport issues? <p>Key piece: Urban Issues and Challenges exam</p>	<ol style="list-style-type: none"> 5. What river landforms are found in the middle course? 6. What river landforms are found in the lower course? 7. What are the causes of flooding? 8. How can flood hydrographs model flood events? 9. How can management strategies reduce the risk of river flooding? 10. How has the village of Boscastle been managed to reduce the risk of future flood events? <p>Key piece: Physical Landscapes exam</p>
March	<p>Paper 1 Section B The Living World</p> <ol style="list-style-type: none"> 1. What are ecosystems? 2. What processes operate in a small-scale ecosystem? 3. What are the main characteristics of global biomes? <p>Key piece: Ecosystem processes</p> <p>Case Study – The Amazon Rainforest</p> <ol style="list-style-type: none"> 4. What are tropical rainforests? 5. How do nutrients recycle in the rainforest? 6. How have species adapted in the rainforest? 7. What are the major causes of tropical deforestation? <p>Key piece: Tropical Rainforests examination</p>	<p>Paper 2 Section c Resource Management</p> <ol style="list-style-type: none"> 1. How are resources distributed around the world? 2. Why are resources important? 3. What are food miles? 4. How do we meet are growing demand for water? 5. How is the energy mix of the UK changing? <p>Water</p> <ol style="list-style-type: none"> 1. What is water insecurity? 2. What factors affect water availability? 3. What are the strategies to improve water availability? 4. How does South Africa get it's drinking water? 5. How can water supplies be made more sustainable? 6. How does the Wakel River project improve water supplies in the Thar desert?
April	<ol style="list-style-type: none"> 8. What are the environmental consequences of deforestation? 9. Should roads be built in the Peruvian rainforest? DME <p>Case Study of a Hot Desert – Thar Desert</p> <ol style="list-style-type: none"> 1. What are the characteristics of hot deserts? 2. How have species adapted in hostile environments? 	<p>Fieldwork: Salford Quays Trip</p> <p>Key piece: Resource Management</p>
May	<p>Key piece: Explain how species have adapted to live in hostile environments.</p> <ol style="list-style-type: none"> 3. What are the opportunities for economic activities in hot deserts? 4. What are the challenges faced in hot desert environments? 5. What are the natural and human causes of desertification? 6. How can hot desert ecosystems be managed sustainably? 	<p>Paper 1: Living with the physical environment 1 hour 30 minutes</p>

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	<p>Key piece: Full living world exam</p>	<p>Paper 2: Challenges in the human environment 1 hour 30 minutes</p>
June	<p>Paper 2 Section B: The changing economic world</p> <ol style="list-style-type: none"> 1. How does development vary around the world? 2. Why is there a development gap? 3. How does economic development influence birth and death rates? 4. What are the causes and consequences of uneven development? 	<p>Paper 3 GCSE examination: Geographical Applications 1 hour 15 minutes</p> <p>END OF CURRICULUM</p>
July	<ol style="list-style-type: none"> 5. How can we bridge the development gap? 6. Can fair trade or tourism lift countries out of poverty? <p>Fieldwork: An investigation into river processes Preparation for Paper 3</p> <p>Year 10 Summer PPE: 1 hour 30 minute exam including paper 1 section A and B and paper 2 section A.</p> <p>Fieldwork: River Bollin Trip</p>	