

Year 10 Curriculum Sequencing Grid			
Subject: Geography	Term One	Term Two	Term Three
Unit	The Challenge of Natural Hazards The Living World Period 4 Achieve: Map Skills and Hazards Masterclass (Paper 1)	The Living World Uk Physical Landscapes - Coasts Period 4 Achieve: Hazards Masterclass (Paper 1) and Living World Masterclass (Paper 1)	Uk Physical Landscapes – Rivers Physical Fieldwork – Coasts Focus Period 4 Achieve: Rivers Masterclass (Rivers) and Coasts Masterclass (Paper 1)
Key disciplinary knowledge	<p>Description and explanation of distribution, magnitude calculations, data analysis and presentation</p> <p>Description and explanation of distribution, distance and scale. To identify the challenges and opportunities in differing ecosystems.</p> <p>Regular use of exam style questions to upskill exam technique and language.</p> <p>Our whole school oracy focus underpins our vocabulary-rich Geography curriculum, providing opportunities to foster and deepen understanding.</p>	<p>Recognise, describe and explain the formation of coastal landforms using a range of photo stimuli. . Discuss the issues around coastal management and the futures of our coastal areas.</p> <p>Use of maps of varying scales.</p> <p>To apply knowledge linked to past studies needed for Paper 1 and Paper 3.</p> <p>Regular use of exam style questions to upskill exam technique and language.</p> <p>Our whole school oracy focus underpins our vocabulary-rich Geography</p>	<p>How to read a flood hydrograph, sketch with annotations key landforms. To apply knowledge linked to case studies.</p> <p>To understand the sequence of events on the formation of river landforms.</p> <p>To explain the issues around river management and geographical futures.</p> <p>Regular use of exam style questions to upskill exam technique and language.</p> <p>Our whole school oracy focus underpins our vocabulary-rich Geography curriculum, providing</p>

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		curriculum, providing opportunities to foster and deepen understanding.	opportunities to foster and deepen understanding. Range of fieldwork skills, data presentation, analysis and drawing valid conclusions.
Key substantive knowledge	<p>Natural Hazards: Understanding of causes, effects and management of all natural hazards. Look at both tectonic hazards and weather hazards. The human and physical causes of climate change and management (adaptation and mitigation).</p> <p>The Living World: Biomes and ecosystems. Amazon rainforest as a case study, consideration of climate and fragile nature. Opportunities and Threats to the natural ecosystem on a local, national and global scale. Cold environments, case study Alaska and North Pole. Climate, opportunities and threats to this ecosystem alongside management.</p>	Coastal landforms (spits, stacks, beaches, headland and bays, bars), coastal processes including: erosion, transportation and deposition. Weathering and mass movement also covered. Coastal management with case study of Holderness Coast. Linked to current fieldwork experience.	<p>Rivers: River landforms, erosional processes, transportation methods, river management. Flood event case study and management (River Tees).</p> <p>Coastal Fieldwork (Physical): Understand hard and soft engineering and erosion types. Look at the geology of the Holderness coast and the impacts this can have on landform formation.</p>

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Key Tier Three Vocabulary	<p>Natural Hazards: Seismic, epicentre, focus, atmospheric, tectonic, destructive, constructive, subduction, lithosphere, asthenosphere, extreme weather, track, agriculture, deforestation.</p> <p>The Living World: Biome, deciduous, leaf litter, decomposers, permafrost, adaptation, deforestation, slash and burn, palm oil, biodiversity, interdependence,</p>	Hard engineering, soft engineering, subaerial weathering, alluvium, abrasion, attrition, hydraulic action, solution, sustainable, marine, constructive, destructive	Flooding, flood hydrograph, discharge, lag time, cumecs.
Opportunities for reading	<p>Use of textbook opportunities in each lesson to find key information; reading of models and scaffold material; comprehension tasks.</p> <p>Use of textbook opportunities in each lesson to find key information; reading of models and scaffold material; comprehension tasks.</p> <p>Prep learning research activities with website links to appropriate and challenging content.</p>	<p>Use of textbook opportunities in each lesson to find key information; reading of models and scaffold material; comprehension tasks.</p> <p>Prep learning research activities with website links to appropriate and challenging content.</p> <p>"The Dynamics of Coastal Systems" by R. W. G. Carter "Coastal Systems" by Andrew D. M. Smith</p>	<p>Use of textbook opportunities in each lesson to find key information; reading of models and scaffold material; comprehension tasks.</p> <p>Prep learning research activities with website links to appropriate and challenging content.</p> <p>Rivers: "GCSE Geography AQA Revision Guide" by Tim Bayliss (CGP) "AQA GCSE (9-1) Geography" by Michael Witherick and David Redfern</p>

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	<p>Hazards: "The Restless Earth: A History of Earthquakes and Volcanoes" by Simon Winchester "The Tectonic Plates Are Moving!" by Roy Livermore The Hurricane Book: The Story of Hurricanes and How We Prepare for Them" by Jayne L. Hurd</p> <p>The Living World: "GCSE Geography AQA Revision Guide" by Tim Bayliss (CGP) "The Diversity of Life" by Edward O. Wilson "Deserts: The Earth's Scorched Surface" by David Macaulay</p>		"Rivers: Form and Process" by John L. W. D. Spencer
Authentic Connections – Cross Curricular Links	<p>Hazards: English: written skills, comprehension, command word response, and linked statements. Geography maths skills Science: Plate tectonics and layers</p> <p>The Living World: English: written skills, comprehension, command word response, and linked statements. Geography maths skills</p>	Science, geology of the coastline and chemical responses. Maths: flood hydrographs.	<p>Rivers: Maths: flood hydrographs. English: Persuasive writing when looking at river management and the different stakeholders involved.</p> <p>Coastal Fieldwork: Maths: Data collection and presentation.</p>

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	Science: biomes and ecosystems.		
Key Assessments	<p>Sharp start knowledge retrieval, iZones and interim assessments, module mock examinations, full mock examinations.</p> <p>Sharp start knowledge retrieval, iZones and interim assessments, module mock examinations, full mock examinations.</p>	Sharp start knowledge retrieval, iZones and interim assessments, module mock examinations, full mock examinations.	Sharp start knowledge retrieval, iZones and interim assessments, module mock examinations, full mock examinations.

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