

Hartford Church of England High School – Year 10 – Geography

Year 10	HT1	HT2	HT3	HT4	HT5	HT6
Topic(s)	Ecosystems and Tropical Rainforests	Urban change in the UK	Hot deserts	Extreme weather	Natural and tectonic hazards	Coastal change
Focus	What is an ecosystem and what are the global biomes. Tropical rainforests have unique characteristics and importance. They are at risk of deforestation. There are ways we can manage deforestation	Where do people live in the UK. What are the opportunities and challenges that a UK city presents: social, economic and environmental.	Where are the hot deserts of the world. What are the economic opportunities and challenges. Desertification is an environmental threat in areas on the fringe of hot deserts	Atmospheric circulation drives our climate and weather patterns. Extreme weather can generate tropical storms which can have social, economic and environmental impacts. The UK also experiences extreme weather	Tectonic hazards are created by the movement of the plates. Earthquakes and volcanoes create hazards there is a study of 2 contrasting locations.	A study of the coastal processes and the landforms that they create. Examples from the UK and map skills. How the coast can be managed an evaluation of these methods.
Vocabulary	Biome, Indigenous, Leaching, Transpiration, Ecotourism, Eradicate, Discontinuous, Adaptation, Deforestation	Regeneration, Urban Sprawl, Greenfield/Brownfield Sites, Integration, Diversity, Disparities	Desertification, Salinization, Degradation, Exploit, Subsistence, Irrigation, Migration, Sustainable	Hadley Cell, Pressure Belts, Distortion, Coriolis Effect, Salinization, Devastated, Mitigation, Recovery, Responses	Subduction, Convection Currents, Basaltic, Andesitic, Friction, Pressure, Composite Volcano, Shield volcano, Recovery, Mitigation	Hydraulic Action, Abrasion, Undercutting, Deposition, Conflict, Consequences, Constructive, Destructive
Assessment	Mid-stakes 1: Extended writing Outline the key causes of deforestation in the TRF Mid-stakes 2: Extended writing Evaluate the effectiveness of strategies to manage the TRF	Mid – stakes 1: Extended writing Explain how a city in the UK can create both social and economic opportunities Mid – stakes 2: Extended writing Assess the impact of a named regeneration scheme in a UK city	Mid – stakes 1: Extended writing Assess the extent to which there are economic opportunities in a hot desert Mid–stakes 2: Extended writing. Is it possible to halt desertification. Explain your decision with evidence and examples	Mid – stakes 1: Extended writing Explain why tropical storms occur either side of the Equator Mid – stakes 2: Extended writing 2: Evaluate the responses to Cyclone Idai	Mid – stakes 1: Extended writing Explain why earthquakes and volcanoes are found at destructive plate margins Mid–stakes 2: Extended writing. Explain how different levels of wealth and development affected the impact of the earthquakes in Japan and Nepal	Mid – stakes 1: Extended writing Use one distinctive coastal landform to illustrate the erosive power of the sea 2 Mid – stakes Extended writing: To what extent can the coastal management at Lyme Regis be considered a success
Curriculum Thread	Physical, human, sustainability	Human, sustainability	Physical, human, sustainability	Physical, human, sustainability	Physical, human, sustainability	Physical, human, sustainability

Wider Reading	National Geographic. Web articles 'Rainforest' Simon Seymour	'Connectography' by Parag Khanna	'When the Rivers Run Dry: The Global Water Crisis and How to Solve It' by Fred Pearce 'This is the Way the World End' by Jeff Nesbit	'The Earth Transformed: An Untold History' by Peter Frankopan	'Earth: Over 4 billion years in the making' by Chris Packham	'Coast: A celebration of Britain's coastal heritage. BBC
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