

Geography

It is impossible to understand history, international politics, the world economy, religions, philosophy, or 'patterns of culture' without taking geography into account. Kenneth C Davis

Year 12			
	Autumn Hazards	Spring Water and Carbon Cycles/Changing Places	Summer NEA (Individual coursework)
Curriculum Knowledge	<p>Hazards</p> <ul style="list-style-type: none"> ● The concept of hazard in a geographical context ● Plate tectonics ● Seismic hazards ● Storm hazards ● Fires in nature ● Case study of a multi-hazardous environment beyond the UK ● Case study at a local scale of a specified place in a hazardous setting 	<p>Water and Carbon Cycles (Teacher 1)taught concurrently with Changing Places (Teacher 2)</p> <ul style="list-style-type: none"> ● Water and carbon cycles as natural systems ● The Water Cycle ● The carbon Cycle ● Water, carbon, climate and life on Earth ● Case study of a tropical rainforest setting to illustrate and analyse key themes in water and carbon cycles and their relationship to environmental change and human activity. ● Case study of a drainage basin: The Kent catchment <p>Changing Places Teacher 2) taught concurrently with Water and Carbon (Teacher 1)</p> <ul style="list-style-type: none"> ● The nature and importance of places 	<p>NEA (individual Cousework)</p> <ul style="list-style-type: none"> ● How to develop an independent research question/aim and objectives and relate it to the course specification ● Researching of relevant literature and understanding of key theoretical concepts underpinning an investigation ● Identifying appropriate and relevant sources of data that can be used to answer the question/address the issue ● Planning, designing and justifying suitable data collection methods/types of data based on student experience and independent research ● Identifying potential statistical methods and presentation techniques to be used with the collected data

		<ul style="list-style-type: none"> • Changing places – relationships, connections, meaning and representation • Relationships and connections • Changing geographic and cultural characteristics. • Meaning and Representation • Local place study • Contrasting place study 	<ul style="list-style-type: none"> • Collection of primary and secondary data over the summer term and summer break
Tier 3 Vocabulary	<p>Hazards fatalism, risk sharing, integrated risk management, risk management cycle, Park Model, lithosphere, asthenosphere, Moho, sea floor spreading, subduction, horst and graben, rift valley</p> <p>Volcanic Explosivity Index (VEI), acidic lava, rhyolitic lava, basaltic lava, pyroclastic flows,, lahars, hypocentre, epicentre, P-waves, S-waves, L and R waves, Moment Magnitude Scale, Mercalli Scale, liquefaction, tsunami, Coriolis Force, storm surge, Saffir-Simpson Scale, fuel ignition source, crown fire, surface fire, ground fire</p>	<p>Water and Carbon positive feedback, negative feedback, dynamic equilibrium, open system, closed system, geosphere, biosphere, atmosphere, hydrosphere, cryosphere, cascading system, sublimation, river discharge, carbon budget, enhanced greenhouse effect, mitigation, sequestration, carbon capture,</p> <p>Changing Places cultural enrichment, demographic, ethnic clustering, experienced place, genius loci, gentrification, insiders, outsiders, placelessness, rebranding, social clustering, urbanisation.</p>	sampling techniques (systematic, stratified, pragmatic, random), types of data (primary, secondary, objective, subjective, quantitative, qualitative)
Curriculum Opportunities	Optional Iceland Trip	Fieldtrip to Kentmere. trip to meet with the flood defence engineers in Kendal.	Residential fieldtrip to Liverpool.
Year 13			
	Autumn NEA completion/Contemporary Urban Environments	Spring Coastal Systems and Landscapes/Global Systems and Governance	Summer CoastSystems and Landscapes/Global Systems and Governance continued /Revision
Curriculum Knowledge	<p>NEA completion</p> <p>Contemporary Urban Environments</p> <ul style="list-style-type: none"> • urbanisation 	<p>Coastal Systems and Landscapes (Teacher 1)taught concurrently with Global Systems and Governance (Teacher 2)</p>	<p>Coast Systems and Landscapes/Global Systems and Governance continued.</p> <p>Revision</p>

	<ul style="list-style-type: none"> ● urban forms ● social and economic issues associated with urbanisation ● urban climate ● urban drainage ● urban waste and its disposal ● other contemporary urban issues ● sustainable urban development ● case studies of London and Mumbai. 	<ul style="list-style-type: none"> ● Coasts as natural systems ● Systems and processes ● Coastal landscape development ● Coastal management ● Case studies of contrasting coastal environments <p>Global Systems and Governance (Teacher 2)taught concurrently with Coastal systems and Landscape (Teacher 1)</p> <ul style="list-style-type: none"> ● Globalisation ● Global Systems ● International trade and access to markets ● Global Governance ● The 'global commons' ● Antarctica as a global common ● Globalisation critique 	
Tier 3 Vocabulary	<p>Contemporary Urban Environments urbanisation, suburbanisation, counterurbanisation, megacity, world city, urban resurgence, fortress landscapes, gentrification, insider and outsider perspective, edge cities, post-modern cities, economic inequality, social segregation, cultural diversity, urban climate, urban heat island, photochemical smog, hydrograph, Sustainable Urban Drainage Systems (SUDS), river restoration, landfill, incineration, dereliction, urban sustainability, ecological footprint, liveability</p>	<p>Coastal Systems and Landscapes dynamic equilibrium, positive feedback, negative feedback, sub-aerial processes, mass movements, sediment budget, differential erosion, concordant and discordant coastlines, thermohaline circulation, thermal expansion, upwelling, downwelling, flocculation, littoral drift, aeolian deposition, eustatic, isostatic, tectonic uplift, ICZM</p> <p>Global Systems and Governance asylum seeker, containerisation, cultural diffusion, cultural erosion, deindustrialisation, global common, glocalisation, liberalisation, NGOs, Special Economic Zone (SEZ), TNCs, trade bloc, transformationalist, World Trade Organisation(WTO)</p>	

Curriculum Opportunities	NEA data collection		
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