Curriculum Map
Subject: Geography
Year: 10

GCSE Exam Board - Edexcel Geography A https://qualifications.pearson.com/en/qualifications/edexcel-gcses/geography-a-2016.html

	Autumn 1	Autumn 1/2	Autumn 2	Spring 1/ Spring 2	Summer 1	Summer 2
Knowledge	Topic 1: The changing landscapes of the UK Rock types, physical processes (weathering, erosion), UK geological distribution, upland landscapes, lowland landscapes	Topic 1A: Coastal landscapes and processes Weathering, erosion, transportation, deposition longshore drift, seasonality, erosional landforms, depositional landforms, coastal methods - hard & soft engineering	Topic 1B: River landscapes and processes Weathering, erosion, transportation, deposition, upper, middle & lower course, river landforms (erosional, deositional, both) human impact on rivers	Topic 2: Weather Hazards and Climate Change Global atmospheric circulation (circulation cells), natural / human causes of climate change, tropical cyclone distribution, characteristics, impacts & responses, drought causes, vulnerability, impacts & responses	Topic 3: Ecosystems, Biodiversity and Management Large-scale ecosystems (biomes), global distribution, biosphere, UK's main ecosystems, biotic & abiotic characteristics, tropical rainforests, deciduous woodland, resources, causes of deforestation, sustainable management	Year 10 GCSE Mock Examinations Geography 3 day residential field trip Fieldwork write up
Skills	OS Map interpretation of upland / lowland landscapes. Use of choropleth maps to illustrate different rock types of the UK	Using and interpreting line graphs/bar charts showing trends of coastal erosion / flood risk in line with rising climate change, UK temperatures Interpretation of coastal landscapes on OS Maps	Using and interpreting line graphs/bar charts showing trends of river flood risk in line with rising climate change, UK temperatures Interpretation of river landscapes on OS Maps	Using and interpreting line graphs/bar charts showing climate changes, use of GIS to track the movement of tropical cyclones, use of social media source, satellite images and socio-economic data to assess impact of cyclones	Use of world maps to show the location of global biomes, comparing climate graphs for different biomes, use and interpretation of nutrient cycle diagrams and food webs diagrams, use and interpretation of line graphs showing the range of future global population projections, and population in relation to likely available resources	
Key Questions	What do geological variations within the UK entail? What is the role of geology, past tectonic processes and glaciers in the formation of upland and lowland landscapes?	What physical processes shape the UK coastline? What factors affect the rate of coastal erosion? How does the UK's weather and climate affect rates of coastal erosion? What is the role of erosion	What physical processes shape river landscapes? How do rivers change from source to mouth? How may the UK's weather and climate affect river landscapes? What landforms are	What are the features of atmospheric global circulation? How has climate changed in the past over different timescales? How has human activity contributed to modern day	What is the distribution and characteristics of the world's large-scale ecosystems? How does the biosphere provide resources for people? What is the distribution	

	How has distinctive upland and lowland landscapes resulted from the interaction of physical processes? How may landscapes result from human activity over time?	and deposition in the formation of coastal landscapes? How has human activities affected coastal landscapes? How can we protect the UK coastline?	created by river erosion and deposition interacting with the geology of an area? How does human activities affect river landscapes? What are the strategies of managing flood risk?	climate change? What factors shape the UK climate? How and where do tropical storms form? How does global circulation in the atmosphere cause tropical storms? Why are tropical storms considered to be natural weather hazards? How do areas of drought compare with arid environments? How may the impacts and responses to drought vary?	and characteristics of the UK's main ecosystems? What are the biotic and abiotic characteristics of a tropical rainforest ecosystem? What are the biotic and abiotic characteristics of a deciduous woodland ecosystem? How have animals adapted to survive in tropical rainforests and deciduous woodland? What are the causes of deforestation in tropical rainforests and deciduous woodland?	
Assessment	Topic 1 Assessment GCSE Questions	Topic 1A Assessment GCSE Questions	Topic 1B Assessment GCSE Questions	Topic 2 Assessment GCSE Questions	Topic 3 Assessment GCSE Questions	GCSE Paper 1 (1GA0/01) The Physical Environment Topic 1, 1A, 1B, 2 and 3
Literacy/numeracy /SMSC/Character	How the landscape of the UK shapes livelihoods	To protect or not to protect - that is the question	Dependency on river landscapes for our everyday lives and the impact we may have	How levels of development shape the preparation and response to weather hazards	Understanding of our interdependence of large-scale biomes and how human behaviour is impacting the world	
Enrichment opportunities and futures	Year 10 GCSE Geography Fiedltrip incorporating Topic content	Year 10 GCSE Geography Fiedltrip incorporating Topic content	Year 10 GCSE Geography Fiedltrip incorporating Topic content	Haydon Goes Green initiative	Earth Day project	ReAct of Year 10 GCSE Geography Mock Examination