

**Long
Term Plan**

How industrial change, economic development and conservation influence urban environments and how dynamic changes in the hydrosphere and atmosphere create landscapes and pose risk to human life.

Year 10: Geography

		Learning Cycle	Key Concepts and Themes	Vocabulary
	HT1	Urban issues and challenges in the UK	- Causes of economic change - Population growth and decline - North-south divide - UK's place in the wider world (globalisation) - Urban change - Migration - Sustainability - Social, economic and environmental challenges and opportunities	Industrialisation and deindustrialisation, Post industrial economy, Infrastructure, Regional differences, Deprivation, Inequality, Greenfield, Brownfield, Urban greening, Urban sprawl, Regeneration
	HT2			
	HT3	Weather hazards	- Global atmospheric circulation - Atmospheric conditions creating physical conditions - Management of atmospheric hazards - Extreme weather events - Climate change	Tropical storm, High and low pressure, Formation, Monitoring, prediction, preparation and planning, Risk reduction
	HT4	Cold environments	- Climatic characteristics - Development creating opportunities and challenges - Conservation - Risk - Plant and animal adaptation - Interdependence - Fragile environments	Polar, Tundra, Permafrost, Biodiversity, Mineral extraction, Wilderness environments, Inaccessibility, Infrastructure
	HT5	River landscapes	- Fluvial processes - How fluvial processes shape landscapes - Flood risk - Flood management - Fluvial landforms	Erosion: hydraulic action, attrition, abrasion and solution, Transportation: Traction, saltation, suspension and solution, Deposition, Surface run off, Flood relief channel
	HT6	Coastal Fieldwork	- Coastal processes - Landforms and Management - Enquiry questions and creating hypothesis - Sampling strategies and Creating methodologies - Data collection and Drawing conclusions - Evaluating your enquiry.	Primary data, Secondary data, Stratified sampling, Systematic sampling, Inaccuracies Validity, Coastal processes: erosion, deposition and transportation

Skill Development	- Evaluating and comparing areas of differing levels of development to evaluate the challenges presented in different physical and built environments and to assess management strategies. - Application: Using specific case study information and photographs to summarise, contextualise and justify impacts and management strategies - Atlas skills and OS map skills: Location of cities, physical features and countries, grid references, gradients and contours - Graph skills: Hydrographs, climate graphs, line graphs, bar charts, population pyramids - Maths skills: Percentage increase and decrease, make predictions, interpolate and extrapolate data - Fieldwork: The human and physical interactions at the coast line - Hypothesise, design methodologies, justify sampling, data collection, analysis, data manipulation, data presentation, evaluative comments and reaching conclusions based in Geographical theory of coastal processes including sediment size, role of groynes in longshore drift, wave frequency and economic impact of tourism.
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