

Year 9 Geography Medium Term Plan

Unit	Duration (lessons)	Learning Objectives/Outcomes
Changing Environments Shaping the landscape- rivers and river management	25	<ul style="list-style-type: none"> • To describe the processes involved in the hydrological and drainage basin cycles • To explore how the cycles may be affected by human activity through changes to vegetation and urbanisation • To understand a flood hydrograph and how climate creates seasonal variations in discharge • To explain the processes of erosion and transportation • To identify features of a river and explain the different formations • To explore how human activity can affect river landscapes • To investigate the physical and human causes of flooding • To assess the social, economic and environmental impacts of flooding • To analyse the different options for managing a river and the impact this will have on hydrographs • To evaluate the economic and social impacts of river management on locations downstream • To appreciate the range of opinions that different stakeholders have on drainage basin management
Changing Environments Shaping the landscape - coasts and coastal management	17	<ul style="list-style-type: none"> • To explore the ways in which climate, geology and human activity influence coastal processes and landscapes in the UK • To explain the processes of erosion and deposition and how they influence the coastline • To explain the process of transportation and longshore drift • To investigate how past human activity has modified the UK's coastal landscapes for economic benefit • To explore a range of hard and soft management options to reduce risk of coastal floods and erosion • To assess the costs and benefits of each management option • To consider the role of the government and local authorities in shaping shoreline management plans (SMPs) • To appreciate the conflicting views on coastal management and explain why this may lead to controversy • To examine the potential impacts of climate change on coastal communities in different countries at different

		levels of economic development
Changing Environments Weather and Climate	18	<ul style="list-style-type: none"> • To describe the characteristics of the UK climate including <ul style="list-style-type: none"> • regional variations • To explain the reasons for the variations of the UK climate looking at the influence of global atmospheric circulation, latitude, altitude, air pressure, and distance from the sea • To explore the different locations and distributions of distinctive climate zones across the globe • To analyse the features of the hot semi-arid climate and the equatorial climate • To explore the different areas of high and low pressure and the typical weather patterns and extreme weather hazards created • To analyse two contrasting extreme weather events considering causes, impacts and responses
Environmental Challenges Desertification	9	<ul style="list-style-type: none"> • To find out the location and global distribution of environments vulnerable to desertification. • To investigate how the location and global distribution pattern of environments vulnerable to desertification is changing over time. • To investigate the relationship of this distribution to the global circulation of the atmosphere and to the dominance of high pressure systems. • To analyse changing climatic patterns over periods of decades to include unreliable rainfall patterns and higher rates of evapotranspiration in hot semi-arid regions. • To analyse human activities to include unsustainable use of water resources, overgrazing, poor land management and use of firewood. • To analyse a range of strategies employed by NGOs working at a local level with communities, to include drip irrigation, magic stones and use of drought-tolerant crops. • To evaluate smaller scale processes related to changing patterns of vegetation, evapotranspiration and micro-climate. • To evaluate the different viewpoints, values and attitudes of stakeholders in the region. • To evaluate international strategies aimed at reducing the spread of areas experiencing desertification.