

Curriculum Map: Geography Year 10

	The Challenge of Resource Management	Physical Landscapes in the UK	Urban Issues and Challenges
Content Declarative knowledge 'I Know'	What the term 'resource' means How food, water and energy contribute to economic and social wellbeing How resources are distributed globally How the demand for food in the UK is changing Why the UK imports so much food What the impacts of importing food to the UK from LICs are Why water demand in the UK is increasing Where there are areas of water surplus and water deficit in the UK How water transfers can be used to address water supply and demand issues in the UK How water quality in the UK can be managed How the UK's demand for energy is changing That use of renewable energy in the UK presents both advantages and disadvantages How fracking in the UK creates advantages and disadvantages The global pattern of water surplus and deficit Why there is increased consumption of water globally The terms water stress and water security	The major upland/lowland areas and river systems in the UK The characteristics of constructive and destructive waves The causes of deposition in coastal areas The characteristics of headlands and bays, cliffs and wave cut platforms, caves, arches and stacks, beaches and sand dunes and spits and bars The major landforms of erosion and deposition in Swanage Why coastlines need to be managed Why coastal management is needed in Lyme Regis What the term 'drainage basin' means How the long profile of a river changes downstream How the cross profile of a river changes downstream Different types of fluvial erosion Different types of fluvial transportation Why rivers deposit sediment The characteristics of interlocking spurs, waterfalls and gorges, ox bow lakes, levees and estuaries Major landforms of erosion and deposition along the River Tees How physical and human factors affect the risk of flooding	The distribution of the world's urban population What the term 'urbanisation' means How rates of urbanisation vary between LICs and HICs What pull factors are What push factors are What a megacity is The location of Rio de Janeiro The regional, national and international importance of Rio de Janeiro The social impacts of urban growth on Rio de Janeiro The economic impacts of urban growth on Rio de Janeiro The environmental impacts of urban growth on Rio de Janeiro What a 'squatter settlement' is The challenges of squatter settlements The distribution of population and the major cities in the UK The location of London The regional, national and international importance of London The impacts of migration on the growth and character of London

	<p>Examples of factors affecting water availability</p> <p>The various impacts of water insecurity</p>	<p>What a hydrograph shows</p> <p>Why a flood management scheme was needed in Banbury</p> <p>How the risk of flooding reduced in Banbury</p>	<p>The challenges and opportunities of urban growth in London</p> <p>The impacts of urban sprawl</p> <p>The main features of the regeneration project in the London Docklands.</p> <p>How Freiburg is considered a sustainable city</p> <p>What an urban transport strategy is</p>
<p>Skills Procedural Knowledge 'I know how to'</p>	<p>Use a world map to describe the global distribution of resources</p> <p>Explain why the demand for food in the UK is changing</p> <p>Explain how use of resources has changed</p> <p>Analyse how the UK is using agribusiness to become less dependent on imported food</p> <p>Analyse how the UK is using organic produce to become less dependent on imported food</p> <p>Evaluate the advantages and disadvantages of different energy sources in the UK</p> <p>Explain how issues with water insecurity can be addressed (desalination, dams and reservoirs, water transfers)</p> <p>Explain how water use can be made sustainable (water conservation, groundwater management, recycling, 'grey' water)</p> <p>Evaluate the success of the Lesotho Highland Water Project in increasing water security.</p>	<p>Explain the process of longshore drift</p> <p>Explain how waves form, and analyse their effects on the coastline</p> <p>Explain the processes of weathering, mass movement, coastal erosion and coastal transportation</p> <p>Evaluate how geological structure and rock type influence coastal landforms</p> <p>Evaluate the costs and benefits of hard engineering</p> <p>Evaluate the costs and benefits of soft engineering</p> <p>Evaluate the costs and benefits of managed retreat and coastal realignment</p> <p>Explain how the coastline has been managed at Lyme Regis</p> <p>Evaluate the positive and negative outcomes of the coastal management scheme at Lyme Regis</p> <p>Evaluate the social, economic and environmental costs and benefits associated with the flood management scheme at Banbury</p>	<p>Analyse the social, economic and environmental effects of rapid urban growth in Rio de Janeiro.</p> <p>Analyse the social challenges and solutions in Rio de Janeiro</p> <p>Evaluate the economic challenges and solutions in Rio de Janeiro (unemployment, crime).</p> <p>Analyse the environmental challenges and solutions in Rio de Janeiro</p> <p>Assess how Rio's favelas are being improved by urban planning</p> <p>Evaluate how far urban change has created social, economic and environmental challenges and opportunities in London</p> <p>Analyse the impact of urban sprawl on the rural urban fringe and the growth of commuter settlements.</p> <p>Evaluate the success of the London Docklands regeneration project</p> <p>Analyse how Freiburg is socially, economically and environmentally sustainable</p>

	Evaluate the success of the Wakel River Basin in sustainably increasing water supply in Rajasthan.		Evaluate the success of urban transport strategies
Strategies Conditional Knowledge 'I know when to'	I know when to apply my declarative and procedural knowledge to develop my understanding of the six geographical concepts: <ul style="list-style-type: none"> - Place - Processes - Perspectives - Interactions - Sustainability - Skills 	I know when to apply my declarative and procedural knowledge to develop my understanding of the six geographical concepts: <ul style="list-style-type: none"> - Place - Processes - Perspectives - Interactions - Sustainability - Skills 	I know when to apply my declarative and procedural knowledge to develop my understanding of the six geographical concepts: <ul style="list-style-type: none"> - Place - Processes - Perspectives - Interactions - Sustainability - Skills
Key Questions	<p>Place: How are resources distributed across the globe?</p> <p>Processes: What factors can impact water availability?</p> <p>Perspectives: What are the advantages and disadvantages of methods to increase water security?</p> <p>Interactions: How has human use of land in Rajasthan contributed to issues of water insecurity?</p> <p>Sustainability: How can the UK's energy mix address issues of climate change?</p> <p>Skills: Which cartographic, graphical and analytical skills can help to deepen our understanding of this topic?</p>	<p>Place: Which places are at risk from coastal erosion?</p> <p>Processes: How do coastal processes shape our coastlines?</p> <p>Perspectives: How do coastal processes impact peoples' lives?</p> <p>Interactions: How do humans use the coast to their advantage?</p> <p>Sustainability: How can we mitigate the risks of coastal erosion?</p> <p>Skills: Which cartographic, graphical and analytical skills can help to deepen our understanding of this topic?</p>	<p>Place: Where are the UK's major cities?</p> <p>Processes: How does urbanisation impacts towns and cities?</p> <p>Perspectives: What is life like for people living in Rio's favelas?</p> <p>Interactions: How do flows of money and people change a place's identity?</p> <p>Sustainability: What makes Freiburg a 'sustainable' city?</p> <p>Skills: Which cartographic, graphical and analytical skills can help to deepen our understanding of this topic?</p>
Assessment topics	GCSE exam style assessment (past paper)	GCSE exam style assessment (past paper)	GCSE exam style assessment (past paper)

Cross curricular links/Character Education	Development of analytical and evaluative skills Development of critical thinking skills	Development of analytical and evaluative skills Development of critical thinking skills	Development of analytical and evaluative skills Development of critical thinking skills
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