

Subject Overview Geography – Year 10

Using their strong foundations from Key Stage 3, students will extend and deepen their knowledge and understanding by exploring more detailed foundational geography in changing economic world and resource management. They will further refine their fieldwork skills learnt in Key Stage 3 through the investigation of a physical enquiry by collecting and analysing data. Students will examine a range of place specific case studies across the world, such as tourism in Kenya and the Malaysian Rainforest.

	Half Term 1	Half Term 2	Half Term 3	Half Term 4	Half Term 5	Half Term 6
Knowledge & Skills	<p>Unit 1 Changing economic world (14 Lessons) The use of different development indicators and their reliability Causes and impacts of an unequally developed world Various strategies for reducing the global development gap, including example of tourism in Kenya <u>UK</u> Major economic changes in UK including - Post-industrial shift in the economy - Sustainable industry - Improvements in infrastructure - The north-south divide</p>	<p>Unit 2 Resource management (12 Lessons) How food, water and energy are fundamental to human development The changing demand and provision of resources in the UK create opportunities and challenges An overview of resources in relation to the UK for food, water and energy <u>Water</u> How the demand for water resources is rising globally but supply can be insecure, which may lead to conflict The different strategies that can be used to increase water supply Including, - Chinese south to north transfer scheme - Water conservation and management - Increasing water supplies in LIC/NEE countries</p>	<p>Unit 3 Atmospheric hazards (14 Lessons) How natural hazards pose major risks to people and property The influence of global atmospheric circulation Tropical storms develop as a result of particular physical conditions Tropical storm effects on people and the environment Extreme weather events in the UK – heatwave Climate change is the result of natural and human factors, and has a range of effects Managing climate change involves both mitigation and adaptation</p>	<p>Unit 4 Ecosystems intro and rainforests (11 Lessons) How ecosystems exist at a range of scales and involve the interaction between biotic and abiotic components The characteristics and features of a local small-scale ecosystem— Cromwell Bottom Pond How tropical rainforest ecosystems have a range of distinctive characteristics How deforestation has economic and environmental impacts The way tropical rainforests need to be managed to be sustainable</p>	<p>Unit 5 UK landscapes - Rivers (13 Lessons) To know the diverse range of landscapes in the UK. How the river is shaped by a number of physical processes How distinctive erosional and depositional river landforms are created The different management strategies can be used to protect from the effects of river flooding Example of river management – The Brighthouse Flood Alleviation Scheme</p>	<p>Unit 6 Physical fieldwork – Cromwell Bottom (12 Lessons) To investigate how human actions influence the levels of biodiversity at Cromwell Bottom Nature Reserve The factors to consider when choosing an appropriate field site The choice of appropriate primary and secondary data collection The way to choose the correct sample size The way to choosing the correct data presentation How to reach appropriate conclusions and evaluation</p>
	<p>Assessment 1</p> <ul style="list-style-type: none"> • Development indicators • Causes of uneven development • Improving development • Sustainable industry UK 		<p>Assessment 2</p> <ul style="list-style-type: none"> • Development gap – tourism • Strategies to reduce gap • Resource management – water example 		<p>Assessment 3</p> <ul style="list-style-type: none"> • Atmospheric hazards • Rainforests • Resource management 	

See next page for “Beyond The Curriculum”

Beyond The Curriculum	<p>Suggested links Access verified news outlets, such as BBC news and consider the development of different countries reported on Microfinance from CARE International UK Panorama - HS2: The Railway that Blew Billions - BBC iPlayer The Fifteen Billion Pound Railway - YouTube James May Globalisation Causes Documentary</p>	<p>Suggested links Natural Resources Map Natural Resources of the World Explore what South Africa and Lesotho look like on Google Maps Google Maps Documentary – Stacey Dooley, Fashion’s dirty secrets A World Without Water (Global Warming Documentary) Water crisis looms in South Africa Lesotho: The deal with water Global Ideas</p>	<p>Suggested links Access verified news outlets, such as BBC news and key up to date on recent hazard events and climate change Evidence & Causes of Climate Change Royal Society Climate Central Land below 1.0 meters of water Climate Change - The Facts - BBC iPlayer</p>	<p>Suggested places to visit Visit local green spaces, such as parks and nature reserves, such as Cromwell Bottom Consider the different biotic and abiotic features when on holiday</p> <p>Suggested links Watch wildlife documentaries on platforms, such as BBC iplayer Access verified news outlets, such as BBC news and look out for reports on deforestation</p> <p>Explore what Cromwell Bottom and rainforests, such as Malaysia look like on Google Maps Google Maps</p>	<p>Suggested places to visit Visit Brighouse and places of interest regarding flood management. Including Cromwell Bottom, Armytage Rd Business Park and Wellholme Park</p> <p>Suggested links Brighouse Flood Alleviation Scheme - Eye on Calderdale Access verified news outlets, such as BBC news and key up to date on recent river flooding events</p>	<p>School enrichment clubs and trips Vists Cromwell Bottom. Consider how humans have influenced the space</p> <p>Suggested links Explore what Cromwell Bottom looks like on Google Maps Google Maps</p>
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