

Year 10

Unit	<u>Changing Economic World</u> Development & UK	<u>Challenge of Natural</u> Atmospheric Hazards	<u>Resource Manage-ment</u> Water Focus	<u>Living World</u> Ecosystems & Rain-forests	<u>Physical Landscapes UK</u> Rivers	<u>Urban Environments</u> London	<u>Fieldwork</u>
<u>Knowledge</u>	<p>The use of different development indicators and their reliability.</p> <p>The causes and impacts of an unequally developed world.</p> <p>The various strategies for reducing the global development gap.</p> <p>A case study on how tourism is closing the gap in Kenya</p> <p><u>UK</u></p> <p>Major changes in the UK have affected, and will continue to affect, employment patterns and regional growth.</p> <p>Including</p> <ul style="list-style-type: none"> - Post-industrial shift in the economy - How industry can become more sustainable - Improvements in infrastructure - The north-south divide 	<p>How natural hazards pose major risks to people and property.</p> <p>How global atmospheric circulation helps to determine patterns of weather and climate.</p> <p>Tropical storms develop as a result of particular physical conditions.</p> <p>Tropical storms have significant effects on people and the environment .</p> <p>The UK is affected by a number of weather hazards.</p> <p>Extreme weather events in the UK have impacts on human activity.</p> <p>Climate change is the result of natural and human factors, and has a range of effects.</p> <p>Managing climate change involves both mitigation and adaptation.</p>	<p>How food, water and energy are fundamental to human development.</p> <p>The changing demand and provision of resources in the UK create opportunities and challenges.</p> <p>An overview of resources in relation to the UK for food, water and energy.</p> <p>How the demand for water resources is rising globally but supply can be insecure, which may lead to conflict.</p> <p>The different strategies can be used to increase water supply.</p> <p>Including</p> <ul style="list-style-type: none"> - Chinese south to north transfer scheme - Water conservation and management - Increasing water supplies in developing countries 	<p>How ecosystems exist at a range of scales and involve the interaction between biotic and abiotic components.</p> <p>The characteristics and features of a local small-scale ecosystem—Cromwell Bottom Pond</p> <p>How tropical rainforest ecosystems have a range of distinctive characteristics.</p> <p>How deforestation has economic and environmental impacts.</p> <p>The way tropical rainforests need to be managed to be sustainable.</p>	<p>How the shape of river valleys changes as rivers flow downstream.</p> <p>The distinctive fluvial landforms resulting from different physical processes.</p> <p>The different management strategies which are used to protect river landscapes from the effects of flooding.</p>	<p>The growing percentage of the world’s population lives in urban areas.</p> <p>How urban change in cities in the UK leads to a variety of social, economic and environmental opportunities and challenge in London.</p> <p>Including</p> <ul style="list-style-type: none"> -The location and importance - Cause of population growth - How urban growth has created opportunities - How urban growth has created challenges <p>A case study of the Olympic Park as an example of regeneration.</p> <p>Urban sustainability requires management of resources and transport.</p>	<p>Knowledge will change depending on the chosen fieldwork enquiry.</p> <p>The factors to consider when choosing an appropriate field site.</p> <p>The choice of appropriate primary and secondary data collection.</p> <p>The way to choose the correct sample size.</p> <p>The way to choosing the correct data presentation.</p> <p>How to reach appropriate conclusions and evaluation.</p>
<u>Skills</u>	<p>The use of keywords in geographical writing.</p> <p>Analysing world maps to pick out global trends.</p> <p>Developing skills in detailed explanation through the use of chains of reasoning.</p> <p>Developing evaluative skills through the use of decision making.</p>	<p>Creating physical diagrams, such as low pressure.</p> <p>Analysing sources and videos.</p> <p>Developing skills in detailed explanation through the use of chains of reasoning.</p> <p>Developing evaluative skills through the use of decision making.</p>	<p>Defining different strategies and outlining key advantages and disadvantages.</p> <p>Developing skills in detailed explanation through the use of chains of reasoning.</p> <p>Developing evaluative skills through the use of decision making.</p>	<p>Describing trends in maps and graphs.</p> <p>Describing and comparing video and images.</p> <p>Developing skills in detailed explanation through the use of chains of reasoning.</p> <p>Developing evaluative skills through the use of decision making.</p>	<p>Describing the sequence of physical processes.</p> <p>Sketching and labelling landforms.</p> <p>Developing skills in detailed explanation through the use of chains of reasoning.</p> <p>Developing evaluative skills through the use of decision making.</p>	<p>Developing skills in comparing sets of data, using connectives, such as where as.</p> <p>Analysing a range of sources including media, photographs and numerical data.</p> <p>Developing skills in detailed explanation through the use of chains of reasoning.</p> <p>Developing evaluative skills through the use of decision making.</p>	<p>Selecting appropriate sites, data collection and sample sizes.</p> <p>Analysing and describing a range and graphs and diagrams.</p> <p>Developing skills in detailed explanation through the use of chains of reasoning.</p> <p>Developing evaluative skills through the use of decision making.</p>