

KS4 Curriculum Overview: Geography Year 10

Term / Length of Unit	Outline	Assessment	Home Learning	Communication skills	Numeracy	End Points
<p>Autumn 1 and 2 Natural Hazards</p>	<p>Understand the physical processes of tectonic and weather hazards and the impacts on people, as well as the influence of humans on hazards themselves. LINKS: Builds on tectonic and weather hazard learning at KS3. Already have a basic understanding of processes and LIC/HIC impacts. Revisit GAC (from Living World Y9) in the context of tropical storms Prepares students for Hazards topic at A Level.</p>	<p>End of topic test. Total 33 marks and exam question practice in lessons, combination of skills, content and 9 mark case study practice.</p>	<p>Set by class teacher for individual classes with homework booklets</p>	<p>Wider Reading and Models</p> <ul style="list-style-type: none"> • Guided Reading using Geofiles, academic magazines and books to support wider knowledge • Use of articles from National Geographical Association magazine on recent earthquakes and strategies • Key term list for topic 	<ul style="list-style-type: none"> • Graphical skills • Map skills – interpretation of range of maps • Research • Numerical data interpretation • Diagram annotation 	<p><u>Knowledge</u></p> <ul style="list-style-type: none"> • Concept of a hazard • Tectonic hazards – physical processes and impacts on humans, management in areas of contrasting levels of wealth • Tropical storms – physical processes and impacts on humans and management. • UK weather hazards • LIC Earthquake – Nepal, 2015 • HIC Earthquake – Kaikoura, NZ 2016 • Tropical Storm – Hurricane Katrina, 2005 • UK extreme weather – 2018 – Beast from the East

<p>Spring 1 Resource Management</p>	<p>Students examine the global distribution of food, water and energy and explore the management of each of these in the UK. They then study water resources across the world in detail, with a particular focus on demand and supply. LINKS: Water conflicts (Y8), Skills (Y8) and Climate Change (Y7). Building on terminology used and knowledge gained from these KS3 topics.</p>	<p>End of topic test Year 10 end of year test</p>	<p>Set by class teacher for individual classes with homework booklets</p>	<p>Wider Reading</p> <ul style="list-style-type: none"> • Guided Reading using Geofiles, academic magazines and books to support wider knowledge • “When the river runs dry” as extra source material for water management as a case study • Key term list for topic 	<ul style="list-style-type: none"> • Map skills – choropleths, dot maps • Graphical skills – line graphs, bar charts, pie charts – producing an analysing • OS Map skills • Decision making skills 	<p><u>Knowledge</u></p> <ul style="list-style-type: none"> • Food, water and energy provision around the world and fundamental to development • Changing demand and provision of resources in the UK • Global demand for water – insecurity and conflicts • Small-scale sustainable water – Wakel River basin • Large scale water transfer scheme – Lesotho Highland Dam
<p>Spring 2 and summer 1 Urban Issues</p>	<p>Consolidate understanding of urbanisation processes and patterns and how urbanisation can lead to urban opportunities and challenges in HICs and LIC. Students also examine the possibilities of sustainable urban environments.</p>	<p>End of topic test Year 10 end of year test</p>	<p>Set by class teacher for individual classes with homework booklets</p>	<p>Wider Reading</p> <ul style="list-style-type: none"> • Guided Reading using Geofiles, academic magazines and books to support wider knowledge. • Key term list for topic 	<ul style="list-style-type: none"> • Geospatial data and mapping • Interpretation of statistical data • Photograph interpretation • Interpretation and analysis of various types of maps and graphs 	<p><u>Knowledge</u></p> <ul style="list-style-type: none"> • Global patterns of urbanisation • Opportunities and challenges in LIC and HIC cities Mumbai and Bristol • Contrasting slums and future planning • Urban transport • Urban sustainability – Frieberg, Bedzed

<p>Summer 2 Fieldwork skills and data collection</p>	<p>Essential data collection for Paper 3 – human and physical. Embed fieldwork, investigation and enquiry skills. LINKS: Develops enquiry skills and fieldwork from KS3. Prepares students for NEA aspect of A Level.</p> <p>Complete in person fieldwork at Carding Mill Valley for Paper 3. Complete lessons revising unseen fieldwork. Complex geographical skills and statistical tests are revisited or learnt at this point and applied to exam questions. LINKS: Rivers revision for Physical Landscapes in the UK (fieldwork) and skills (whole curriculum)</p>	<p>Fieldwork section of Paper 3 end of topic mock Paper 3 PPE</p>	<p>Set by class teacher for individual classes with homework booklets</p>	<p>Wider Reading and Models</p> <ul style="list-style-type: none"> • Bradshaw Model • Geofiles • Key term list 	<ul style="list-style-type: none"> • Fieldwork skills • Data collection skills • OS map skills 	<p>Knowledge</p> <ul style="list-style-type: none"> • The process of a geographical investigation • Types of sampling • How river characteristics change
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