

Year 12 Geography

Year Calendar Plan

Dates	Lesson Focus	Assessment/Revision
Term 1 – water and carbon cycles	<p>Water and Carbon cycles as natural systems</p> <p>The water cycle – distribution of water stores, key processes, drainage basin case study, hydrographs and variation in water cycle over time.</p> <p>River catchment case study – Calder Valley drainage basin system and management.</p> <p>The Carbon Cycle – Distribution of carbon stores, factors driving change across carbon cycle, changes in carbon cycle over time, carbon budget and impact of carbon cycle on land, ocean and atmosphere, including global climate.</p> <p>Carbon and water cycle case study – Amazon rainforest as a system</p> <p>Water, carbon, climate and life on Earth – key role of stores and processes in sustaining life on Earth, especially referring to climate. Relationship between water and carbon in the atmosphere, and the role of feedbacks. Human interventions in the carbon cycle.</p> <p>Further reading: Alan Strahler, <i>Physical Geography: Science and Systems of the Human Environment</i> AQA A level textbook David Waugh, <i>Geography: An Integrated Approach</i> Richard Mabey, <i>Turned out nice again: On living with the weather</i> Gavin Pretor-Pinney, <i>The Cloudspotters Guide</i></p>	<p>PC1 – Water cycles Week beginning September 30th</p>
Term 2 water and carbon cycles, and natural hazards	<p>Finish carbon cycles – case studies of rainforests and river catchments, revision.</p> <p>Begin Natural Hazards – concept of hazards in a geographical context.</p> <p>Plate tectonics – theory and Earth structure</p> <p>Volcanic hazards and landforms – causes, processes, types of volcano, management Case study: Mount Merapi</p> <p>Further reading: Alan Strahler, <i>Physical Geography: Science and Systems of the Human Environment</i> Natural hazards: <i>Earth's processes as hazards, disasters and catastrophes</i> AQA A level textbook David Waugh, <i>Geography: An Integrated Approach</i></p>	<p>PC2 – Water and carbon cycles Week beginning November 25th</p>
Term 3 – natural hazards	<p>Seismic hazards - causes, processes, types of volcano, management Case study: Nepal</p> <p>Storm hazards - causes, processes, types of volcano, management Case studies: Typhoon Haiyan and Hurricane Sandy</p> <p>Fires in nature - causes, processes, types of volcano, management Case study: Alberta wildfires</p> <p>Case studies – multi-hazardous environment (Haiti) and locally specific hazardous place (Port au Prince)</p> <p>Further reading: Alan Strahler, <i>Physical Geography: Science and Systems of the Human Environment</i> David Waugh, <i>Geography: An Integrated Approach</i> AQA A level textbook David Waugh, <i>Geography: An Integrated Approach</i></p>	<p>PC3 – Natural hazards Week beginning January 27th</p>
Term 4 – contemporary urban environments	<p>Start of Contemporary Urban Environments – urbanisation and its importance</p> <p>Urban forms and characteristics of world cities. Postmodern western cities and new urban landscapes.</p> <p>Social and Economic issues associated with urbanisation</p>	<p>PC4 – Contemporary urban environments and water and carbon cycles Week beginning: March 16th</p>
Term 5 – contemporary urban environments	<p>Finish contemporary Urban Environments – urban climate</p> <p>Urban drainage</p> <p>Urban waste and its disposal</p> <p>Other urban environmental issues</p> <p>Sustainable urban development</p> <p>Case studies of two contrasting urban areas – London and Mumbai</p>	
Term 6 – changing places	<p>Changing Places: The Nature and importance of places.</p> <ul style="list-style-type: none"> • Concept of Place • Categories of Place • Factors which contribute to the character of a place. • Relationships, connections meaning and representation <p>Relationships and connections</p> <ul style="list-style-type: none"> • Economic change and social inequalities affect <p>Meaning and representations of a place Place studies – Local Place Study – Halifax (Town ward) Place Studies – Contrasting Place Study – Notting Hill</p> <p>Further reading and resources J D Taylor – Island Story Doreen Massey – World City Benjamin Myers – Under the Rock, Gallows Pole Stuart Maconie – Pies and Prejudice There are numerous articles on Pearl Trees: MRFREERGEOG</p>	<p>PC6 – Mock exam, water and carbon, hazards and urban.</p>