



Topic name	Term	Skills developed	Link to NC subject content	Prior learning	Next link in curriculum
<p><b><u>Y9.1 Tectonics.</u></b> Earth's tectonic history and plate boundaries. Comparing different types of hazards, Management, vulnerability, and governance of hazard events.</p>	AUTUMN	<ul style="list-style-type: none"> <li>Scale drawing of the earth.</li> <li>Use of rock samples</li> <li>Use of 3D models in understanding.</li> <li>Comparing case studies – one a LIC the other a HIC.</li> <li>Whole class Group Role play activity with individual decision-making process.</li> </ul>	<ul style="list-style-type: none"> <li>Physical geography relating to geological timescales and plate tectonics; rocks.</li> <li>Understand how human and physical processes interact to influence, and change landscapes and environments and how this affect human activity</li> </ul>	KS2. describe and understand key aspects of: Physical geography: volcanoes and earthquakes	GCSE Y11 tectonic hazard unit (using Chile (NEE) v Haiti (LIC)) Yr.12 Tectonic unit (Japan. Both use different case studies but those taught here will add to the K&U. African rift – Y8 Kenya.
<p><b><u>Y9.2 Coasts</u></b> The coast is shaped by physical processes producing distinctive coastal landforms. Different management strategies can be used to protect coastlines from the effects of physical processes.</p>	AUTUMN/ SPRING	<ul style="list-style-type: none"> <li>Photographic interpretation</li> <li>Research using Department online library.</li> <li>Making 3D models from Playdoh. EXT: Stop motion animation.</li> <li>Using OS maps and Geological maps.</li> <li>Photographic interpretation.</li> <li>Virtual fieldtrip (DVD and GIS activity)</li> </ul>	<ul style="list-style-type: none"> <li>understand, through the use of detailed place-based exemplars at a variety of scales, the key processes in: physical geography relating to: Physical landscapes of the UK, relating to: geological timescales; rocks, weathering and soils; weather and climate, including the change in climate from the Ice Age to the present {and the impact on} coasts</li> </ul>	Builds on Y7 glacial landscapes and processes work	Y9 rivers unit especially similar processes. GCSE Y10 Coastal landscapes of the UK question development and recap GCSE Y11 climate change in climate hazards.  GIS activity leads to Y10 Geography fieldwork in Holderness, Yorkshire
<p><b><u>Y9.2 Coastal fieldwork</u></b> 1-day local visit to Red Rocks, Hoylake and tides allowing to Middle Eye and Hilbre Islands</p>	AUTUMN/SPRING 1.	<ul style="list-style-type: none"> <li>Landscape interpretation</li> <li>Annotated Sketching</li> <li>Data collecting for a sand dune to show vegetation succession.</li> <li>interpret OS maps in the classroom and the field</li> </ul>	<ul style="list-style-type: none"> <li>Interpret Ordnance Survey maps in the classroom and the field.</li> <li>use Geographical Information Systems (GIS) to view, analyse and interpret places and data.</li> <li>use fieldwork in contrasting locations to collect, analyse and draw conclusions from geographical data, using multiple sources of increasingly complex information.</li> </ul>	Builds on the Y7 how to undertake a field work investigation.	This local fieldwork will link directly with the compulsory 3-day work to Lake District and NE - Holderness coast



<p><b><u>Y9.3 Urbanisation</u></b> A growing percentage of the world's population lives in urban areas. Migration and natural increase. Urban growth case study of a newly emerging economy (NEE) Lagos, Nigeria</p>	<p><b>SPRING 2.</b></p>	<ul style="list-style-type: none"> <li>• Use of interactive 3D maps and GIS to show change over time. BBC.</li> <li>• Living graphs</li> <li>• Plotting world population exponential growth graph</li> <li>• Writing extended answers planned using PEEL technique.</li> <li>• GIS google Earth - shanty town location.</li> <li>• Code breaking exercise.</li> </ul>	<ul style="list-style-type: none"> <li>• Human geography relating to: population and urbanisation; international development; economic activity in the primary, secondary, tertiary; and the use of natural resources.</li> <li>• Understand geographical similarities, differences, and links between places through the study of human and physical geography of a region within Africa</li> </ul>	<p>Y8 Chinese cities – Shanghai Y9 Nigeria rural – urban migration movement to the city.</p>	<p>Y10 Living graphs and UK Challenges of urbanisation. Y11: Economic development – Population. Changing economic world. Y12 Globalisation</p>
<p><b><u>Y9.4 Rivers</u></b> Distinctive fluvial landforms result from different physical processes. Erosion, transportation, and deposition. Different management strategies can be used to protect from flooding events.</p>	<p><b>SUMMER 1.</b></p>	<ul style="list-style-type: none"> <li>• Use of 2D diagrams and photographic interpretation with 3D models.</li> <li>• Use of OS maps and aerial photograph interpretation</li> <li>• Preparation for Fieldwork · Understanding Government Flood management plan re flood protection decisions - Group task</li> </ul>	<ul style="list-style-type: none"> <li>• Physical geography relating to hydrology [but linking into] rocks, weathering, and soils; weather and climate, and coasts.</li> </ul>	<p>Y7 Glacial and Y9 coasts similar processes and sequential approach</p>	<p>Y10 River landscapes. Y10 Spring 2 3-day fieldwork in Lake District. Y11 Water management in resources unit Y13 Water cycle including drainage basin systems</p>
<p><b><u>Y9.5 Climate change</u></b> Evidence for, causes and effects of climate change. Managing climate change with both mitigation and adaptation strategies. Consequences of climate change.</p>	<p><b>SUMMER 2.</b></p>	<ul style="list-style-type: none"> <li>• Use of visual aids – sediment (lakebed) core samples; tree rings. · Class discussion on different approaches to tackling climate change. · Interpreting a variety of data types.</li> </ul>	<ul style="list-style-type: none"> <li>• Physical geography relating to: geological timescales, weather, and climate, including the change in climate from the Ice Age to the present; and glaciation, hydrology, and coasts.</li> </ul>	<p>Y8 Weather and Climate unit</p>	<p>Significant links with Science GCSE. Linked to Y13 physical work and geostrategic thinking. GCSE Weather hazards.</p>