

Year 10 Curriculum Sequencing Grid 2019-2020			
Subject:	Term One	Term Two	Term Three
Unit <i>(Tablet in 39 week plan)</i>	The Living world. Urban Issues and Challenges.	River Processes and landscapes. Coastal processes and landscapes	Changing Economic World
Key Retainable Skills <i>(required for Y11)</i> <i>What... How... Why...</i>	To identify the challenges and opportunities in differing ecosystems. How to map population changes and use data of population specifically urbanisation.	How to read a flood hydrograph, sketch with annotations key landforms. To apply knowledge linked to case studies.	How to read choropleth maps, photographs and apply case study knowledge. How to differentiate between a developed and developing country.
Key Retainable Knowledge <i>(required for Y11)</i> <i>What... How.... Why....</i>	Biomes and ecosystems. Amazon rainforest as a case study, consideration of climate and fragile nature. Opportunities and Threats to the natural ecosystem on a local, national and global scale. Cold environments, case study Alaska and North Pole. Climate, opportunities and threats to this ecosystem alongside management. LIC example Rio, Rocinha shanty town, improvements and challenges, HIC example Sheffield, challenges, changes and transport. Sustainable settlements (Curitiba) case study.	Coastal landforms, coastal processes including: erosion, transportation and deposition. Coastal management with case study. Linked to current fieldwork experience. River landforms, erosional processes, transportation methods, river management. Flood event case study and management.	Local and national development of a country or region. Focus upon Nigeria as a case study example for a LIC. Local and national development and variance of a HIC UK. Impacts and links between countries and neighbours and colonies. Limiting factors that these issues lead to.
Key Technical Vocabulary <i>To be modelled and deliberately practiced in context.</i>	Biome, nutrient cycling, ecosystem, environment, climate, longitude, latitude, rainforest structure, Emergent, canopy, under canopy, shrub layer, sustainable, permafrost, HIC, LIC NEE,	Erosion, weathering, attrition, hydraulic action, abrasion, solution, stack, arch, cave, wave cut notch, wave cut platform, bay, headland, tourism, groynes, rip-rap, sea wall, gabions, revetments, managed retreat. Flooding, flood hydrograph, discharge, lag time, cumecs.	Development, north south divide, GNP, GDP, HDI, TNC,
Opportunities for reading	Reciprocal teacher texts which allow students to access a variety of text types from varied sources which challenge and engage. Prep learning research activities with website links to appropriate and challenging content.	Reciprocal teacher texts which allow students to access a variety of text types from varied sources which challenge and engage. Prep learning research activities with website links to appropriate and challenging content.	Reciprocal teacher texts which allow students to access a variety of text types from varied sources which challenge and engage. Prep learning research activities with website links to appropriate and challenging content.

<p>Developing Cultural Capital <i>Essential knowledge and skills of educated citizens.</i></p>	<p>Appreciation of human impact on fragile environments and how this can be managed. Understanding of how urban areas are changing and what they used to look like.</p>	<p>Understanding of human interaction with physical processes and extreme weather or geomorphological events.</p>	<p>Understanding of how different countries are different and how that has become the case.</p>
<p>Authentic Connections – Cross Curricular Links</p>	<p>Science: biomes and ecosystems.</p>	<p>Science, geology of the coastline and chemical responses. Maths: flood hydrographs.</p>	<p>Business: impact of TNCs and government direct and indirect investment.</p>
<p>Key Assessment</p>	<p>2018 exam question for Living world. Exam question for urban issues and challenges.</p>	<p>Exam question for river processes and landforms. Exam question for coastal processes and landforms</p>	<p>Exam for changing economic world.</p>