

**BILTON SCHOOL CURRICULUM 2024 – 2025  
GEOGRAPHY YR 13**

<p><b>INTENT</b></p> <ul style="list-style-type: none"> <li>To develop knowledge and understanding of <b>physical and human processes and people- environment interactions to consider key contemporary global geographical issues.</b></li> <li>To apply their geographical knowledge to real case studies</li> <li>To analyse the cause and consequences of these processes <i>[Edexcel B examining board]</i></li> </ul>	<p><b>THE BIGGER PICTURE</b></p> <ul style="list-style-type: none"> <li>Links of this SoL to other departments and the broader school ethos.</li> </ul> <p>HISTORY      MATHS SCIENCE      ENGLISH</p>	<p><b>END POINTS</b></p> <ul style="list-style-type: none"> <li>AO1 – demonstrate knowledge of locations, places, processes, environments and different scales.</li> <li>AO2 - Demonstrates geographical understanding of concepts and interrelationships between how they are used in relation to places, environments and processes.</li> <li>AO3 - Applies knowledge and understanding to interpret, analyse and evaluate geographical information and issues to make judgements.</li> <li>AO4 - Selects, adapts and uses a variety of skills and techniques to investigate questions and issues and communicate findings.</li> </ul>
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<b>IMPLEMENTATION</b>	<b>KS4 – YR13</b>							
		<b>TERM 1</b> Water cycle and global insecurity	<b>TERM 2</b> Water cycle and global insecurity	<b>TERM 3</b> Water cycle and global insecurity	<b>TERM 4</b> Carbon	<b>TERM 5</b> Carbon	<b>TERM 6</b> Carbon	
	Week 1	INTRO TO WATER context of importance of water Global hydrological cycle closed system inputs outputs stores flows 5.1a	Deficits in Hydrological cycle drought human causes Sahal and Australia x3 5.4 5.4B	Human causes of water stress 5.7C Causes of water insecurity water finite resource 5.7C	Carbon stores 6.1 x2	energy players pathways of energy supply 6.4C reliance on fossil fuels supply and demand 6.5a	climate change and drought Amazon 6.7 c Forest loss implication and afforestation 6,8 a impact of climate change on precipitation river regimes	
	Week 2	Types of stores size and importance biosphere cryosphere etc annual fluxes x2 5.1b	Mock week revision impact of drought on wetland ecosystems and forest stress	Consequences of water insecurity water scarcity and economic scarcity 5.8	Geological stores .6.1 bc Biological stores oceans 6.2a	Energy pathways issuers Russia Europe 6.5b Unconventional energy tar sands fracking deep water oil 6.5 c	revision water link to carbon ocean health impacts in developing countries 6.8 c 6.9 future emissions uncertainty feedback mechanism 6.9a Adaptation and mitigation 6.9 bc	
	Week 3	Global water budget residence time non renewable stores fossil water	Mock week revision impact of drought on wetland ecosystems & forest stress 5.4 C	the importance of water economic / human development 5.8c conflict and transboundary water issues Nile Mekong	Biological stores x2 Terrestrial / biological 6.2 b c	Fossil fuel alternatives renewable recyclable UK energy mix b Biofuels 6.6b Radical tech carbon capture hydrogen fuel cells electric cars 6.6c	PAPER 3 Synoptic practice	
	Week 4	Drainage basin as a open system 5.2 A Physical factors affecting drainage basin inputs 5.2B	Meteorological causes of flooding x2	Mega dams / desalination water transfer China, middle east 5.9a sustainable water restoration Singapore 5.9b	Balanced carbon cycle atmospheric 6.3a Balanced carbon cycle ocean / terrestrial 6.3b	7Human activity use of terrestrial land impact on carbon stores 6.7a Ocean acidification carbon sink marine impacts 6.7b	PAPER 3 Synoptic practice	
	Week 5	How do humans disrupt the drainage basin cycle? Amazon case study 5.2C	Surplus -es within the hydrological cycle flooding human causes impacts of flooding UK 2007 2012	Integrated drainage basin management Nile Colorado water sharing treaties / frameworks	Fossil fuels impact on balance of carbon cycle 6.3 c	climate change and drought Amazon 6.7 c		
	Week 6	water budgets and river regimes exam question impacts of changing precipitation on water basin Yukon Amazon Mississippi 5.3AB Assessment	Climate change on hydrological cycle 5.6 Field work prep	Assessment and feedback	Energy security consumption energy mix access to energy UK FRANCE 6.4B			
	Week 7	Storm hydrographs factors affecting them x2 5.3 C	Patterns of water stress globally 5.7 A Physical causes of water stress 5.7b		energy players pathways of energy supply 6.4C reliance on fossil fuels supply and demand 6.5a			
	Week 8	Deficits in Hydrological cycle drought Physical causes including el nino x2 5.4 a						
	<b>Progress &amp; assessment</b>	Two FAR/assessment = past paper questions	Two FAR/assessment = past paper questions	Two FAR/assessment = past paper questions	Two FAR/assessment = past paper questions			
	<b>Homework</b>	HMK is set weekly – resources Students have ordered	HMK is set weekly – resources Students have ordered	HMK is set weekly – resources Students have ordered	HMK is set weekly – resources Students have ordered			
	<b>Key Vocabulary/literacy opportunities</b>	Glossary provided t3 words in lesson	Glossary provided pro t3 words in lesson	Glossary provided t3 words in lesson	Glossary provided t3 words in lesson			
	<b>IMPACT</b>	Students will be able to measure progress using tracking sheets in exercise books/folders. As all assessments will use generic criteria, will be moderated through dept meetings it will be possible to measure progress over time within and across year groups.						

<b>British Values</b>	responsibility- learners recognise how others their actions can affect others in a global context – sustainability use of water and energy as a finite resource equality understanding of how inequality impact on society and level of development . link to energy consumption exploitation of resources such as water
<b>Key Vocabulary/literacy opportunities</b>	Glossary & Keyword to emphasise key geographic terminology. Tier 3 vocabulary in lesson ppts tier 2 vocabulary in lesson ppts Guided reading used in lessons for comprehension as well as paired reading, reading individually and as a class Examples include story boards, news articles, textbooks reading geographical sources these are used in all topics in each term
<b>Cultural Capital</b>	Understanding their national and geographical context and the physical environment through the study of maps and case studies An understanding of problems facing the planet such as drought and flooding water security and scarcity energy An appreciation of the country we live in and how human and physical geography contributes to the heritage of a place coasts Rivers To understand how physical processes creates landforms e.g. biomes and rivers coasts
<b>Spiritual moral and spiritual and cultural development</b>	Learners recognise their role as global citizens Show a interest in investigating and offering reasoned views about ethical issues and the ability to understand and appreciate the viewpoints of others - exploitation of biomes and energy use Working with others – develop social skills working with other pupils in a range of contexts