

BILTON SCHOOL CURRICULUM 2023 – 2024

GEOGRAPHY YR 13

<p>INTENT</p> <ul style="list-style-type: none"> To develop knowledge and understanding of physical and human processes and people- environment interactions to consider key contemporary global geographical issues. To apply their geographical knowledge to real case studies To analyse the cause and consequences of these processes [Edexcel B examining board] 	<p>THE BIGGER PICTURE</p> <ul style="list-style-type: none"> Links of this SoL to other departments and the broader school ethos. <p>HISTORY MATHS SCIENCE ENGLISH</p>	<p>END POINTS</p> <ul style="list-style-type: none"> AO1 – demonstrate knowledge of locations, places, processes, environments and different scales. AO2 - Demonstrates geographical understanding of concepts and interrelationships between how they are used in relation to places, environments and processes. AO3 - Applies knowledge and understanding to interpret, analyse and evaluate geographical information and issues to make judgements. AO4 - Selects, adapts and uses a variety of skills and techniques to investigate questions and issues and communicate findings.
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IMPLEMENTATION	KS4 – YR13							
		TERM 1 Water cycle and global insecurity	TERM 2 Water cycle and global insecurity	TERM 3 Water cycle and global insecurity	TERM 4 Carbon	TERM 5 Carbon	TERM 6 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	Patterns of water stress globally 5.7 A Physical causes of water stress 5.7b	Carbon stores 6.1 x2	energy players pathways of energy supply 6.4C reliance on fossil fuels supply and demand 6.5a	Forest loss implication and afforestation 6,8 a impact of climate change on precipitation river regimes revision water link to carbon	
	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	Human causes of water stress 5.7C Causes of water insecurity water finite resource 5.7C	Geological stores .6.1 bc Biological stores oceans 6.2a	Energy path ways issuers Russia Europe 6.5b Unconventional energy tar sands fracking deep water oil 6.5 c	ocean health impacts in developing countries 6.8 c 6.9 future emissions uncertainty feedback mechanism 6.9a	
	Week 3	Global water budget residence time non renewable stores fossil water draina	Mock week revision impact of drought on wetland ecosystems & forest stress 5.4 C	Consequences of water insecurity water scarcity and economic scarcity 5.8 a	Biological stores x2 Terrestrial / biological 6.2 b c	Fossil fuel alternatives renewable recyclable uk energy mix b Biofuels 6.6b	Adaptation and mitigation 6.9 bc	
	Week 4	Drainage basin as a open system 5.2 A Physical factors affecting drainage basin inputs 5.2B	Meteorological causes of flooding x2	the importance of water economic / human development 5.8c conflict and transboundary water issues Nile Mekong	Balanced carbon cycle atmospheric 6.3a Balanced carbon cycle ocean / terrestrial 6.3b	Radical tech carbon capture hydrogen fuel cells electric cars 6.6c 7Human activity use of terrestrial land impact on carbon stores 6.7a		
	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	Mega dams / desalination water transfer China, middle east 5.9a sustainable water restoration Singapore 5.9b	Fossil fuels impact on balance of carbon cycle 6.3 c	Ocean acidification carbon sink marine impacts 6.7b 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	Climate change on hydrological cycle 5.6 Field work prep	Integrated drainage basin management Nile Colorado water sharing treaties / frameworks	Energy security consumption energy mix access to energy UK FRANCE 6.4B			
	Week 7	Storm hydrographs factors affecting them x2 5.3 C	fieldtrip Southwold					
	Week 8	Deficits in Hydrological cycle drought Physical causes including el nino x2 5.4 a						
	Progress & assessment	Two FAR/assessment = Assessment – Edexcel Sample paper 1	Two FAR/assessment = Mock– Edexcel Sample paper 2	Two FAR/assessment = Assessment – Edexcel Sample paper 2 and 3	Two FAR/assessment = Assessment – Edexcel Sample paper 2 and e			
	Homework	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			
	Key Vocabulary/literacy opportunities	Glossary provided	Glossary provided	Glossary provided	Glossary provided			
	Connected Knowledge							
IMPACT	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.							