



Geography

CURRICULUM OVERVIEW – KS3/4





Curriculum Overview - Geography

Year group	Topic Put in the order you will be studying them	Key Words	Key Skills	Key Knowledge	Assessments	Cultural Capital	National Curriculum
7	Coasts (14 weeks)	Erosion Features Formation	Explanation of sequence Evaluating human intervention	The 4 types of weathering The process of Longshore Drift Types of waves and formation Different types of erosion Formation of stacks and stumps Hard and soft engineering	Exam based on Coastal features and controlling natural processes. Extended questions based on AO's	Happisburgh Letter to the council to persuade them to implement different protection methods	AO1 - Locational knowledge extend their locational knowledge and deepen their spatial awareness of the world's countries using maps of the world to focus on focusing on their environmental regions, key physical characteristics, AO2 - Place Knowledge understand geographical similarities, differences and





							links between places through the study of physical geography A03 - Human and physical geography understand, through the use of detailed place-based exemplars at a variety of scales, the key processes in: physical geography relating to: rocks, weathering and soils; weather and climate, and coasts
7	Map Skills (10 weeks)	Scale Key 4 an 6 figure grid references	4 figure and 6 figure grid references. Use of scale and key	Read and interpret maps. 4 and 6 figure grid references. Map contours and spot heights. Scale. Interpret a key.	Exam - OS Map creation using OS map symbols to create perfect OS Map.	Alien Hunt 6 figure reference hunt. Students walk around the school site, using OS Map skills to locate the different Aliens that have escaped.	AO4 -Geographical skills and fieldwork build on their knowledge of globes, maps and atlases and apply and develop this knowledge routinely in the classroom and in the field interpret Ordnance





							Learning Trust
							Survey maps in the classroom and the field, including using grid references and scale, topographical and other thematic mapping, and aerial and satellite photographs
7	Where in the World (10 Weeks)	Natural increase Natural decrease Population Control Densely Sparsely	Describing patterns on global scale Evaluating control methods	Difference between sparse and dense population. Population distribution in the UK and around the world. Read and explain population pyramids. Case study examples of population control.	Exam based on our place in the World and Population controls. Extended questions based on AO's	Jelly Baby Game to understand how populations can change through a variety of factors through a game. China and Kerala to understand how different cultures and governments have acted in order to control population explosion	AO1 - Locational knowledge extend their locational knowledge and deepen their spatial awareness of the world's countries using maps of the world to focus on Africa, Russia, Asia (including China and India), and the Middle East, key physical and human characteristics, countries and major cities A02 - Place Knowledge understand geographical similarities, differences and





1		T T	Learning Trust
			links between
			places through the
			study of human
			regions
			A03 - Human and
			<u>physical</u>
			geography
			understand, through
			the use of detailed
			place-based
			xemplars at a
			variety of scales,
			the key processes
			in:
			human geography
			relating to:
			population and
			urbanisation;
			international
			development;
			economic activity in
			the primary,
			secondary, tertiary
			and quaternary
			sectors; and the use
			of natural resources
			understand how
			human and physical
			processes interact
			to influence, and
			change
			landscapes,
			environments and





							the climate; and how human activity
							relies on effective
							functioning of
							natural systems
							AO4 -Geographical
							skills and
							<u>fieldwork</u>
							build on their
							knowledge of
							globes, maps and
							atlases and apply
							and develop this
							knowledge routinely
							in the classroom
							and in the field
							interpret Ordnance
							Survey maps in the
							classroom and the
							field, including using
							grid references and
							scale, topographical
							and other thematic
							mapping, and aerial
							and satellite
				D.((photographs
7	Weather and	Measurements	Climate graphs	Difference	Exam based on our	Microclimates	AO1 - Locational
	Climate (10	Rainfall	Investigation	between	place in the World	Investigation to	knowledge
	Weeks)	Microclimates		weather and	and Population	understand the	extend their
				climate.	controls.	different reasons for	locational
				Measuring	Extended questions	differences in	knowledge and
				weather.	based on AO's	temperature, wind	deepen their spatial
						and shelter	awareness of the





Formation and	throughout the	world's countries
differences of	school site.	focusing on their
clouds.		environmental
Differences in		regions, key
climate.		physical and human
Different		characteristics,
weather		A02 - Place
conditions and		Knowledge
causes.		understand
Create and		geographical
interpret a		similarities, differences and
climate graph. Different		links between
climatic zones.		places through the
Climate in the		study of human and
UK.		physical geography
What is a		of a region
microclimate?		A03 - Human and
		physical geography
		understand, through
		the use of detailed
		place-based
		exemplars at a
		variety of scales,
		the key processes
		in:
		physical geography
		relating to:
		geological
		timescales and
		plate tectonics;
		rocks, weathering





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								and soils; weather
								and climate,
								AO4 - Geographical
								skills and
								<u>fieldwork</u>
								use fieldwork in
								contrasting
								locations to collect,
								analyse and draw
								conclusions from
								geographical data,
								using multiple
								sources of
								increasingly
								complex
								information.
ŀ	8	Ecosystems	Nutrient Cycle	Investigating the	World	Exam based on	Causes of	AO1 - Locational
		Tropical	Deforestation	challenges and	ecosystems	Ecosystems and food	deforestation looks	knowledge
		Rainforests	Sustainable	opportunities	locations and	chains.	into why the	extend their
		and Hot	Adaptation	deforestation	characteristics.	Extended questions	rainforest is being	locational
		Deserts (14		faces	Climate graphs,	based on AO's	logged (for just local	knowledge and
		Weeks)		Climate Graphs	create and		benefits) and how it	deepen their spatial
		1100110)		How flora/fauna	interpret.	Exam based on	can be managed	awareness of the
				overcomes	Nutrient cycle.	Tropical Rainforests	sustainably to ensure	world's countries
				challenges	Rainforest	and Hot Deserts and	there are global	using maps of the
				orialiorigoo	structure.	the opportunities and	benefits.	world to focus on
					Deforestation	challenges they face.	Hot Desert	Africa, Russia, Asia
					causes and	Extended questions	Adaptations	(including China
					impacts.	based on AO's	investigates how	and India), focusing
					Solutions to	basea on AO 3	animals have	on their
					deforestation.		adapted to extreme	environmental
					aciolesialion.		challenges both	regions, including
							Graneriyes bulli	•
								polar and hot





	Desert location and characteristics. Animal adaptations. Opportunities in the desert.	behaviourally and physically	deserts, key physical characteristics, A02 - Place Knowledge understand geographical similarities, differences and links between places through the study of physical geography of a region within Africa, and of a region within Asia A03 - Human and physical geography understand, through the use of detailed place-based exemplars at a variety of scales,
			within Asia A03 - Human and physical geography understand, through the use of detailed place-based
			physical geography relating to: weathering and soils; weather and climate, including the change in climate from the





human geography relating to: population and urbanisation; international development; economic activity in the primary, secondary, tertiary and quaternary sectors; and the use of natural resources understand how human and physical processes interact to influence, and change landscapes, environments and the climate; and how human activity relies on effective functioning of natural systems AO4 -Geographical skills and fieldwork build on their knowledge of globes, maps and atlases and apply and developt this knowledge routinely	1	T	T	T	1	Learning Irust
population and urbanisation; international development; economic activity in the primary, secondary, tertiary and quaternary sectors; and the use of natural resources understand how human and physical processes interact to influence, and change landscapes, environments and the climate; and how human activity relies on effective functioning of natural systems A04 -Geographical skills and fieldwork build on their knowledge of globes, maps and atlases and apply and develop this						
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the primary, secondary, tertiary and quaternary sectors; and the use of natural resources understand how human and physical processes interact to influence, and change landscapes, environments and the climate; and how human activity relies on effective functioning of natural systems AO4-Geographical skills and fieldwork build on their knowledge of globes, maps and atlases and apply and develop this						development;
secondary, tertiary and quaternary sectors; and the use of natural resources understand how human and physical processes interact to influence, and change landscapes, environments and the climate; and how human activity relies on effective functioning of natural systems AO4 - Geographical skills and fieldwork build on their knowledge of globes, maps and atlases and apply and develop this						economic activity in
and quaternary sectors; and the use of natural resources understand how human and physical processes interact to influence, and change landscapes, environments and the climate; and how human activity relies on effective functioning of natural systems AO4 -Geographical skills and fieldwork build on their knowledge of globes, maps and atlases and apply and develop this						the primary,
and quaternary sectors; and the use of natural resources understand how human and physical processes interact to influence, and change landscapes, environments and the climate; and how human activity relies on effective functioning of natural systems AO4 -Geographical skills and fieldwork build on their knowledge of globes, maps and atlases and apply and develop this						secondary, tertiary
of natural resources understand how human and physical processes interact to influence, and change landscapes, environments and the climate; and how human activity relies on effective functioning of natural systems A04 - Geographical skills and fieldwork build on their knowledge of globes, maps and atlases and apply and develop this						
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to influence, and change landscapes, environments and the climate; and how human activity relies on effective functioning of natural systems AO4 - Geographical skills and fieldwork build on their knowledge of globes, maps and atlases and apply and develop this						human and physical
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landscapes, environments and the climate; and how human activity relies on effective functioning of natural systems AO4 - Geographical skills and fieldwork build on their knowledge of globes, maps and attases and apply and develop this						to influence, and
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how human activity relies on effective functioning of natural systems AO4 -Geographical skills and fieldwork build on their knowledge of globes, maps and atlases and apply and develop this						the climate; and
functioning of natural systems AO4 -Geographical skills and fieldwork build on their knowledge of globes, maps and atlases and apply and develop this						how human activity
natural systems AO4 -Geographical skills and fieldwork build on their knowledge of globes, maps and atlases and apply and develop this						relies on effective
AO4 -Geographical skills and fieldwork build on their knowledge of globes, maps and atlases and apply and develop this						functioning of
skills and fieldwork build on their knowledge of globes, maps and atlases and apply and develop this						natural systems
fieldwork build on their knowledge of globes, maps and atlases and apply and develop this						AO4 -Geographical
build on their knowledge of globes, maps and atlases and apply and develop this						skills and
knowledge of globes, maps and atlases and apply and develop this						
globes, maps and atlases and apply and develop this						
globes, maps and atlases and apply and develop this						knowledge of
atlases and apply and develop this						globes, maps and
and develop this						
						and develop this





		T			I	I	Learning Irust
							in the classroom
							and in the field
							interpret
8	Settlements	Urban use	Positive and	Urban land use.	Exam based on HIC's	What would you do	AO1 - Locational
	(8 weeks)	Regeneration	Negative	CBD	and the challenges	in Prestwich looks at	<u>knowledge</u>
		Shanty area	multiplier effects	development.	faced within them.	the challenges and	extend their
			of urban change	Urban change in	Extended questions	opportunities faced	locational
			Challenges	Manchester.	based on AO's	through new housing	knowledge and
			stakeholders	GMSF in		developments by the	deepen their spatial
			have when	Prestwich.	Exam based on HIC's	council.	awareness of the
			improving quality	Rural – Urban	and LIC's and the		world's countries
			of life in HIC and	migration.	challenges faced	Shanty House	using maps of the
			LIC	Shanty towns	within them.	Building gives pupils	world
				and their	Extended questions	real life scenarios	human
				challenges.	based on AO's	that can hinder their	characteristics,
				Solutions and		homes progress in	countries and major
				improvements in		this game.	cities
				shanty towns.			A02 - Place
							Knowledge
							understand
							geographical
							similarities,
							differences and
							links between
							places through the
							study of human and
							physical geography
							of a region
							A03 - Human and
							physical
							geography
							understand, through
							the use of detailed





			place-based
			exemplars at a
			variety of scales,
			the key processes
			in:
			physical geography
			relating to: weather
			and climate,
			hydrology and
			coasts
			human geography
			relating to:
			population and
			urbanisation;
			international
			development;
			economic activity in
			the primary,
			secondary, tertiary
			and quaternary
			sectors; and the use of natural resources
			understand how
			human and physical processes interact
			to influence, and
			change
			landscapes,
			environments and
			the climate; and
			how human activity
			relies on effective





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							functioning of natural systems AO4 -Geographical skills and fieldwork build on their knowledge of globes, maps and
							atlases and apply and develop this
							knowledge routinely in the classroom and in the field
8	Earthquakes and Volcanoes (6 Weeks)	Convection currents Cause Effects Responses	Sequences of events Impacts of Planning, prevention and prediction on natural events.	Structure of the Earth. Plate tectonics and plate margins. Structure of a volcano. Case study of volcanic eruption. Causes of earthquakes. Earthquake PPP. Compare LIC and HIC earthquake effects.	Exam based on Volcanoes and the processes involved in plate tectonics. Extended questions based on AO's Exam based on Volcanoes and Earthquakes and impacts on Humans. Extended questions based on AO's	Monserrat Decision making exercise looks at making the right decisions by the government at the right time. The depth study of Japan and Haiti look at the contrasting implications of limited preparation, planning and prediction.	AO1 - Locational knowledge extend their locational knowledge and deepen their spatial awareness of the world's countries using maps of the world to focus on Africa, Russia, Asia (including China and India), focusing on their environmental regions, , key physical and human characteristics, countries and major cities





 				-	Learning Hust
					<u> A02 - Place</u>
					<u>Knowledge</u>
					understand
					geographical
					similarities,
					differences and
					links between
					places through the
					study of human and
					physical geography
					A03 - Human and
					physical
					geography
					understand, through
					the use of detailed
					place-based
					exemplars at a
					variety of scales,
					the key processes
					in:
					physical geography
					relating to:
					geological
					timescales and
					plate tectonics;
					rocks,
					understand how
					human and physical
					processes interact
					to influence, and
					change
					landscapes,
					environments and
 1	L	1			





							the climate; and how human activity relies on effective functioning of natural systems AO4 -Geographical skills and fieldwork build on their knowledge of globes, maps and atlases and apply and develop this knowledge routinely in the classroom and in the field interpret Ordnance Survey maps in the classroom and the field, including using grid references and scale, topographical and other thematic mapping, and aerial and satellite
8	Tourism (6	Economy	Evaluate the	What is	Exam based on	Creation of a	photographs AO1 - Locational
	weeks)	Direct and Indirect Jobs Butlers Model Ecotourism	impact of tourism on social, economic and environmental scale	tourism? Types of tourists. Tourism models.	keywords, Butler's model, the positives and negatives of tourism and ecotourism	sustainable tourist destination, and justifying these features	knowledge extend their locational knowledge and deepen their spatial awareness of the





Opportunities	world's countries
and challenges	using maps of the
of tourism.	world to focus on
Impacts of	Africa, Russia, Asia
tourism.	(including China
Sustainable	and India), and the
tourism.	Middle East,
	focusing on their
	environmental
	regions, including
	polar and hot
	deserts, key
	physical and human
	characteristics,
	countries and major
	cities
	A02 - Place
	Knowledge
	understand
	geographical
	similarities,
	differences and
	links between
	places through the
	study of human and
	physical geography
	of a region within
	Africa, and of a
	region within Asia
	A03 - Human and
	physical physical
	geography
	goograpiiy





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							understand, through
							the use of detailed
							place-based
							exemplars at a
							variety of scales,
							the key processes
							in:
							physical geography
							relating to:
							human geography
							relating to:
							population and
							urbanisation;
							international
							development;
							economic activity in;
							and the use of
							natural resources
							understand how
							human and physical
							processes interact
							to influence, and
							change
							landscapes,
							environments and
							the climate; and
							how human activity
							relies on effective
							functioning of
							natural systems
9	Planet in	Enhanced	Investigate the	Locally	Exam	Climate change	AO1 - Locational
	Crisis (8	greenhouse effect	impacts humans	produced food		pupils understand	<u>knowledge</u>
	weeks)	Climate change		vs Agribusiness.		the local and global	





Emissions	have on environment. The long and short term implications climate change is having on the globe	Water management. Energy sources. Renewable vs non renewable energy. What is climate change? Causes of climate change. Global and national impacts of climate change. Mitigating and adapting to climate change. Educating on climate change.	Exam based on Climate change and how we can overcome the challenges this brings. Extended questions based on AO's	implications of little things, and the ways in which	extend their locational knowledge and deepen their spatial awareness of the world's countries using maps of the world A02 - Place Knowledge understand geographical similarities, differences and links between places through the study of human and physical geography A03 - Human and physical geography understand, through the use of detailed place-based exemplars at a variety of scales, the key processes in: physical geography relating to: weather
					physical geography





							human goography
							human geography
							relating to:
							population and
							urbanisation;
							international
							development;
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							the primary,
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							and quaternary
							sectors; and the use
							of natural resources
							understand how
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							landscapes,
							environments and
							the climate; and
							how human activity
							relies on effective
							functioning of
							natural systems
9	Rivers (6	Sequence	Hydrographs	Drainage basins	Exam based on	Hard and Soft	AO1 - Locational
	Weeks)	Erosion	Human and	and	River's features and	engineering pupils	knowledge
	,	Transportation	physical causes	characteristics.	the formation of	evaluate the different	extend their
		Hard/Soft	of flooding	Erosion and	these.	solutions to potential	locational
		Engineering	Formation of	transportation	Extended questions	river flooding.	knowledge and
			features	processes.	based on AO's		deepen their spatial
			Evaluate types of	Formation of			awareness of the
			engineering	waterfall and	Exam based on		world's countries
			0.19.110011119	gorges.	River's features and		using maps of the
			<u> </u>	gorges.	Trivor 3 loatures and		doing maps of the





Formation of	the implementation of	world key physical
meanders and	hard and soft	and human
ox-bow lakes.	engineering	characteristics,
What causes	strategies.	countries and major
flooding.	Extended questions	cities
Hydrographs,	based on AO's	<u>A02 - Place</u>
creating and		<u>Knowledge</u>
interpreting.		understand
Hard and soft		geographical
engineering		similarities,
strategies.		differences and
		links between
		places through the
		study of human and
		physical geography
		A03 - Human and
		physical
		<u>geography</u>
		understand, through
		the use of detailed
		place-based
		exemplars at a
		variety of scales,
		the key processes
		in:
		physical geography
		relating to:
		hydrology
		human geography
		relating to:
		population and
		urbanisation;
		international





							development; and
							the use of natural
							resources
							understand how
							human and physical
							processes interact
							to influence, and
							change
							landscapes,
							environments and
							the climate; and how human activity
							relies on effective
							functioning of
							natural systems
							Tiatarar dy diditio
9	Development	Development	Factors that	Development	Exam based on	Trade Game pupils	AO1 - Locational
	Gap (7	Indicators	hinder and	indicators.	Development and	are shown how	knowledge
	weeks)	High Income	enhance	Limitations of	how we this gap was	inequalities can	extend their
		Countries	development	development	caused from a variety	hinder their own	locational
		Low Income	The differences in	indicators.	of factors.	economic	knowledge and
		Countries	quality of life and	Choropleth	Extended questions	development.	deepen their spatial
		Newly Emerging	standards of	mapping.	based on AO's	Reducing the Gap	awareness of the
		Economies	living between	Causes of		pupils evaluate the	world's countries
		Trade	HIC and LIC	uneven	Exam based on	different ways HIC	using maps of the
		Aid	Initiatives to	development.	development gap and	can assist LIC/NEE	world key physical
			reduce	Consequences	how this can be	In developing on	and human
			development	of uneven	reduced. Extended questions	numerous scales.	characteristics,
			Gap.	development. What is trade?	based on AO's		countries and major cities
				Reducing the	Daseu UII AO S		A02 - Place
			l l	reducing the			AUE I IUUU
				development			Knowledge





fairtrade, Debt	understand
relief and	geographical
tourism.	similarities,
tounom.	differences and
	links between
	places through the
	study of human and
	physical geography
	of a region within
	Africa, and of a
	region within Asia
	A03 - Human and
	physical
	geography
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	the primary,
	secondary, tertiary
	and quaternary
	sectors; and the use
	of natural resources





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								understand how human and physical processes interact to influence, and change landscapes, environments and the climate; and how human activity relies on effective functioning of natural systems
	9	Globalisation (7 weeks)	Interdependence Exploitation TNC's Sweatshops	Sequence of how technology has progressed globally. Understand how companies ethics can be questioned and why	What is globalisation? Different job sectors. Changing industry. Investment in Nigeria. India's tax problem. What is infrastructure and why is it important? Oil production and impacts.	Exam based on Globalisation and the impact of TNC on countries. Extended questions based on AO's	Sweatshop pupils spend the lesson making low cost products in inhumane conditions to understand the issues surrounding exploitation. Sweatshop Decision making exercise allows pupils to decide on their own, how to improve the lives of their own workers, through management of money.	AO1 - Locational knowledge extend their locational knowledge and deepen their spatial awareness of the world's countries using maps of the world, key physical and human characteristics, countries and major cities A02 - Place Knowledge understand geographical similarities, differences and





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				economic activity in
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				secondary, tertiary
				and quaternary
				sectors; and the use
				of natural resources
				understand how
				human and physical
				processes interact
				to influence, and
				change
				landscapes,
				environments and





							the climate; and how human activity relies on effective functioning of natural systems
10	Living World (12 Weeks)	Adaptation Challenges Opportunities	Understanding of the challenge faced by flora, fauna and humans in extreme environments. Understanding of the opportunities provided by hot deserts and tropical rainforests for humans (such as tourism, industry and debt relief).	The concept of food chains and web and the impacts of changes within these. The location and characteristics of key biomes. Structure of rainforest Cause, effects and solutions deforestation Features and characteristics of Hot Deserts and Tropical Rainforests Adaptations of flora and fauna in Hot Deserts and Tropical Rainforests.	Mid Topic Exam Focus on Tropical Rainforest End of Topic Exam Focus on Tropical Rainforest and Hot Deserts (Option)	Yellowstone National Park students learn the consequences of reintegration of a species into an area. Thar Desert students learn the different opportunities that deserts can offer not just the challenges they possess.	Ecosystems exist at a range of scales and involve the interaction between biotic and abiotic components. Tropical rainforest ecosystems have a range of distinctive characteristics. Deforestation has economic and environmental impacts. Tropical rainforests need to be managed to be sustainable. Hot desert ecosystems have a range of distinctive characteristics. Development of hot desert environments creates opportunities and challenges.





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				Economic opportunities of the Thar Desert Causes, solutions to desertification			Areas on the fringe of hot deserts are at risk of desertification
10	Urban issues and challenges (12 Weeks)	Urban Change Overcoming Challenges High Income Countries Low Income Countries Newly Emerging Economies	Understanding the challenges and opportunities faced by residents of urban areas in both HIC and LIC/NEE.	Manchester focus on: Land Use models and how UK's population is distribution. The characteristics and impacts of international and national migration. Disparity in wealth can impact environmental urban conditions Urban regeneration Urban sprawl and its impacts on brown and greenfield Urban Greening	Mid Topic Exam Focus on Urban Change in HIC End of Topic Exam Focus on Urban change in LIC/NEE and HIC	New Islington looks into the problems on a local scale and the improvements made by Urban Splash Rio de Janiero looks into how economic and social opportunities can be overcome through investment and access.	A growing percentage of the world's population lives in urban areas. Urban growth creates opportunities and challenges for cities in LICs and NEEs. Urban change in cities in the UK leads to a variety of social, economic and environmental opportunities and challenges. Urban sustainability requires management of resources and transport.





				Integrated			
				transport			
				systems			
				Rio De Janiero			
				focus on:			
				Differences in			
				development for			
				LIC/NEE/HIC			
				Push and Pull			
				factors and			
				impact of these			
				Social and			
				economic			
				challenges			
				within Shanty			
				Area.			
				Solutions to			
				challenges and			
				their			
				effectiveness			
				Economic			
				opportunities in			
				NEE/LIC areas.			
10	Fieldwork	Primary	Understanding	The stages of	End of Topic Exam	Liverpool Urban	1.Suitable question
	(8 Weeks)	Secondary	the concepts of	Fieldwork it's	Focus on unseen	Change investigates	for geographical
		Estimate	Longshore Drift	implementation,	fieldwork and own	how retail	enquiry
		Validity	and human	risk	investigation.	improvements can	Selecting,
			intervention and	assessment,		change the footfall	measuring and
			urban change	data		and patterns of retail	recording data
			moving footfall	presentation,		within a CBD.	appropriate to the
			and how to	data analysis		Rhyl Human	chosen enquiry
			prove/disprove	The		Intervention	3. Selecting
				investigation of		investigates how	appropriate ways of





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			them in real life situations	Liverpool (including conclusions and evaluations) The investigation of Rhyl (including conclusions and evaluations)		Longshore Drift can be managed and controlled by groynes.	processing and presenting fieldwork data 4. Describing, analysing and explaining fieldwork data 5. Reaching conclusions 6. Evaluation of geographical enquiry
10	Resource Management (10 Weeks)	Management Sustainable Stress Surplus Deficit	Understand the increased requirement for careful management of resources (energy, water and food)	The UK's water, food and energy security The impact and solutions to use of Fossil fuels Fracking it's process, impacts and solutions Local and Regional Hydroelectric power	End of Topic Exam Focus on Resource Management overview and energy security (Option).	Intermediate and appropriate technology introduces students to how small affordable improvements in technology can advance rural areas significantly.	Food, water and energy are fundamental to human development. The changing demand and provision of resources in the UK create opportunities and challenges. Demand for energy resources is rising globally but supply can be insecure, which may lead to conflict. Different strategies can be used to increase energy supply.





11	Natural Hazards (12 Weeks)	Cause Effect Responses Adaptation Mitigation	Understand the impact natural hazards (Climate change, Tectonic Hazards and Extreme Weather) cause to humans. Understand the sequences and creation of these natural hazards	The processes occurring at each plate boundary The formation, causes, effects and responses to Earthquake Case Study (Haiti) Mitigation and adaptation to the impacts of earthquakes, tropical storms and climate change The distribution of tropical storms, earthquakes and climate change. The formation, causes, effects and responses to Tropical Stom case study (Typhoon	End of Topic exam based on Natural Hazards, including Climate change, tectonic hazards and Weather hazards.	Adaptation and Mitigation shows pupils how the UK and Peru are dealing with Climate change, with simplistic or large scale changes. Istanbul Earthquake Proof Airport educates students on how technology and prediction for natural hazards can save lives Beast from the East broadens pupils understanding of snow days to in the impact across the UK and responses that occurred	Natural hazards pose major risks to people and property. Earthquakes and volcanic eruptions are the result of physical processes. The effects of, and responses to, a tectonic hazard vary between areas of contrasting levels of wealth. Management can reduce the effects of a tectonic hazard. Global atmospheric circulation helps to determine patterns of weather and climate. Tropical storms (hurricanes, cyclones, typhoons) develop as a result of particular physical conditions. Tropical storms
				to Tropical Stom case study			of particular physical conditions.





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				the UK and their			The UK is affected
				responses.			by a number of
							weather hazards.
							Extreme weather
							events in the UK
							have impacts on
							human activity
							Climate change is
							the result of natural
							and human factors,
							and has a range of
							effects.
							Managing climate
							change involves
							both mitigation
							(reducing causes)
							and adaptation
							(responding to
							change).
11	Rivers and	Sequence	Understand the	The	Mid Topic Exam	River Tee's allows	The coast is shaped
	Coastal	Erosion	sequence in	transportational,	Focus on River	students to	by a number of
	Landscapes	Transportation	formation of	erosional and	Landscapes in UK	recognise key	physical processes.
	(12 Weeks)	Deposition	features (Stacks,	depositional		features and patterns	Distinctive coastal
		Hard/Soft	Bar's, Spit's,	processes on	End of Topic Exam	across the long	landforms are the
		Engineering	Wave Cut	coastal and	Focus on Coastal	profile of a rivers	result of rock type,
			Platforms).	fluvial	Landscapes and	course.	structure and
			Understand the	landscapes	River Landscapes in		physical processes.
			conflict created	Formation of	UK	Lyme Regis evaluate	Different
			when managing	Stacks,		the contrasting views	management
			these sensitive	Longshore Drift		of stakeholder when	strategies can be
			areas (through	and Sand		introducing	used to protect
			hard and soft	Dunes		management	coastlines from the
			engineering)			schemes	





				Case Study of			effects of physical
				Soft and Hard			processes.
				Engineering			The shape of river
				The			valleys changes as
				characteristics			rivers flow
				of waves			downstream.
				The			Distinctive fluvial
				characteristics			landforms result
				of long and			from different
				cross profile of a			physical processes.
				river			Different
				The formation of			management
				ox-bow lakes,			strategies can be
				levees and			used to protect river
				floodplains			landscapes from the
				Hydrographs			effects of flooding.
				and			
				human/physical			
				factors that			
				increase flood			
				risk			
				The			
				implementation			
				and evaluation			
				of Hard and Soft			
				Engineering			
				strategies			
11	Changing	Industrial sector	Understand how	The	End of Topic Exam	Nigeria Case Study	There are global
	Economic	TNC	different	consequences	Focus Changing	pupils investigate the	variations in
	World	Microfinance	HIC/LIC/NEE	and causes of	Economic World.	opportunities and	economic
	(10 Weeks)		areas have coped	unequal		drawbacks to	development and
			with changing	development		Transnational	quality of life.





industrial	Strategies	Corporations within	Various strategies
structure.	aimed at	NEE areas.	exist for reducing
The UK's drive	reducing the		the global
towards a post	development	North South Divide	development gap.
industrial	gap	pupils understand	Some LICs and
economy and the	The	the fundamental	NEEs are
infrastructure that	Demographic	reasons why this	experiencing rapid
is needed to	Transition	imaginary line has	economic
accomplish this.	model and the	occurring across the	development which
·	patterns	UK	leads to significant
	observed across		social,
	the world		environmental and
	The importance		cultural change.
	of Nigeria and		Major changes in
	TNC's within		the economy of the
	them		UK have affected,
	The UK's		and will continue to
	industrial		affect, employment
	framework, post		patterns and
	modern		regional growth.
	economy and		
	development of		
	future		
	infrastructure.		
	The North-		
	South Divide		
	and effective		
	strategies to		
	overcome this.		