## **AQA GCSE Geography Revision Checklist**



## <u>Pa</u> Se

		I (Physical)	
Se		on A: The Challenge of Natural Hazards	
		Define a natural hazard and give examples	
		The different factors affecting hazard risk	
Te		nic hazards	
		The distribution of earthquakes and volcanoes (plate tectonics)	
		The differences between destructive, constructive, and conservative plate boundaries	
		Contrasting case studies of a tectonic hazard in HICs (Chile 2010) and LICs (Nepal 2015):	
		causes, primary and secondary effects, immediate and long-term responses	
		Reasons for people choosing to live in areas at risk from tectonic hazards	
		3Ps (Prediction, Planning and Protection) for tectonic hazards	
We	eath	ner hazards	
		Global atmospheric circulation (Hadley, Ferrell and Polar cells) and links to weather around	
		the world	
		The distribution of tropical storms (locations and why)	
		The formation of tropical storms (what do they need to form?)	
		<u>Case study of a tropical storm</u> (Typhoon Haiyan 2013): primary and secondary effects,	
		immediate and long-term responses	
	П	The effect of global warming on future tropical storms	
		3P's (Prediction, Planning and Protection) for tropical storms	
		Causes of extreme weather in the UK (UK's weather roundabout)	
		Case study of UK extreme weather event (Somerset Levels Floods 2014): causes, impacts	
	ш	(social, environmental, and economic), immediate and long-term responses	
		Causes of increasing extreme weather in the UK (climate change etc)	
CI:		· · · · · · · · · · · · · · · · · · ·	
CII		te change	
		Evidence for climate change (e.g. ice cores, tree rings)	
		Natural causes of climate change (Orbital changes- Milankovitch cycles, sunspots, volcanoes)	
		Human causes of climate change (enhanced greenhouse gas effect)	
		Managing climate change- mitigation (CSC, afforestation etc)	
	Ш	Managing climate change- adaptation (building flood barriers etc)	
_			
		n B: The Living World	
ЕC	-	stems	
		Define what an ecosystem/ biome is (food webs, nutrient cycle, biotic/ abiotic factors)	
		Example of a UK ecosystem (freshwater pond) and its interdependence	
		Distribution and characteristics of global biomes	
Tropical Rainforest			
		Characteristics (climate, soils, vegetation)	
		Plant and animal adaptations (drip tips, buttress roots, poison arrow frog, sloth)	
		Case study of a tropical rainforest (Malaysian, Asia): causes and impacts of deforestation,	
		management (international agreements, ecotourism, selective logging)	
Но	t De	esert es	
		Characteristics (climate, soils, vegetation)	
		Plant and animal adaptations (camel, fennec fox, cacti, ephemeral flowers)	
		Case study of a hot desert (Thar Desert, India/ Pakistan): opportunities and challenges	
Se	ctio	n C: UK Physical Landscapes	
		Relief of land across the UK (upland/lowland areas)	
Co	ast		
		Characteristics of constructive and destructive waves	
		Coastal processes of erosion (hydraulic action, abrasion, attrition, solution), transportation	
	_	(longshore drift) and deposition	
	П	Subaerial processes (weathering and mass movement)	
	_		

□ Concordant and discordant coastlines

	Erosional landforms (wave-cut platforms, crack, cave, arch, stack, stump)
	Depositional landforms (beaches, spits, bars)
	Hard and soft engineering- costs and benefits of each
	Case study of a UK coastline (Medmerry, Dorset Coastline): landforms, management
Rivers	
	<u>Case study of a UK river</u> (River Tees): landforms, flood management
_	Table treaty of a citimen (invertices), hard management
Paper	2 (Physical)
	on A: Urban Issues and Challenges
	Rates of urbanisation around the world and factors affecting (migration and natural increase) Distribution and characteristics of megacities
	World
	<ul> <li>Case study of a NEE city (Rio de Janeiro, Brazil): location, importance, reasons for growth</li> <li>Opportunities- access to healthcare, education, water supply, energy and economic development in urban industrial areas</li> <li>Challenges- growth of favelas, lack of clean water, sanitation, informal employment, crime, waste disposal, air/ water pollution, traffic congestion</li> </ul>
	o Urban planning to improve the quality of life for the urban poor (Favela Bairro Project)  Case study of a HIC city (Bristol, UK): location, importance, reasons for growth (international and natural migration changing the city's characteristics)
	transport systems, urban greening <ul> <li>Challenges- inequalities in housing, education, employment, urban deprivation, dereliction of buildings, greenfield/ brownfield sites, water disposal, urban sprawl (commuter towns)</li> </ul>
	<ul> <li>Regeneration to improve the city (Temple Quarter Regeneration)</li> <li>Example of urban sustainability (BedZED, London): conserving water and energy, recycling waste, creating green space, urban transport strategies</li> </ul>
	Different ways of classifying parts of the world according to their level of development.  Identify different economic and social measures of development and their limitations.
	Demographic Transition Model Causes and consequences of uneven development (physical, economic, wealth, health) Strategies to reduce the development gap and one example case study Case Study of NEE: Nigeria
	<ul> <li>Location and importance of the country regionally and globally</li> <li>Nigeria's political, social, cultural and environmental context</li> <li>Nigeria's changing industrial structure (manufacturing industry boosts economy)</li> <li>Role of transnational corporations (TNC) in Nigeria (Shell and Unilever)</li> <li>Types of aid</li> </ul>
	<ul> <li>The effects of economic development on quality of life for the population</li> </ul>
	Importance of food, energy and water to social and economic wellbeing Distribution of resources around the world (uneven distribution)
	cources Distribution of UK's resources Food-changing demand for different food (seasonal food and organic produce), food miles, agribusiness

	Water- changing demand for water, water quality and pollution, supply and demand (areas			
П	of deficit and surplus), ways to manage water Energy- changing energy mix, reducing reliance on fossil fuels, issues with exploitation of			
	energy sources			
Option 4: Food (do not answer the energy or water section)				
	Global distribution of food resources (surplus and deficit)			
	Increase in food consumption globally  Factors affecting food availability (climate change, technology, water supply, conflict,			
Ц	poverty)			
	Impacts of food insecurity (famine, under-nutrition, soil erosion, increasing prices, social unrest)			
	Managing/ increasing food supply in certain areas (appropriate technology, sustainable			
_	production etc)			
Ц	<u>Example of a large-scale agricultural development</u> (Thanet Earth / IBIS): advantages and disadvantages			
	Example of a LIC small-scale agricultural development (Appropriate			
	technology/Agroforestry): sustainable production			
D				
<u>Paper</u>	<u>r 3</u> on A: Issue Evaluation			
	Using Figures to make a decision about a relevant geographical issue – Pre-release booklet			
	material to be released in March 2023			
Cooking D. Fieldman (Francking and out on the Plancking Co.				
	on B: Fieldwork (Familiar and unfamiliar fieldwork)  Setting up a suitable enquiry question (River Tillingbourne and Leatherhead)			
	Selecting, measuring, and recording appropriate data (primary/ secondary data methods,			
	sampling methods)			
	Processing and presenting fieldwork data (visual, graphic and cartographic methods)			
Ц	Describing, analysing, and explaining fieldwork data (making links, using statistical techniques)			
Section	on C: Geographical skills			
	OS maps (4/6 figure grid references)			
	Graph skills			
	Numerical/ statistical skills (mean, mode, range, median, ratio) Literacy (SPaG- Spelling, Punctuation and Grammar)			
Ц	theracy (stag-spening, runctuation and Grammar)			

Take your time, breathe, BUG the question, and give it your best shot! Good luck Geographers! ©