

PHYSICAL CONTENT SELF-EVALUATION

AQA GCSE Geography




Section A: The Challenge of Natural Hazards (ANSWER ALL QUESTIONS)

Tectonic hazards	😊	🤔	😞
Describe and explain the distribution of earthquakes and volcanoes			
Explain the processes and landforms involved in plate movement; Constructive			
Explain the processes and landforms involved in plate movement; Destructive			
Explain the processes and landforms involved in plate movement; Conservative			
Assess and compare the impacts of an earthquake in two contrasting areas of the world (LIC/HIC)			
Assess and compare the responses to an earthquake in two contrasting areas of the world (LIC/HIC) (KOBE - HIC: HAITI - LIC)			
Explain why people choose to live in tectonically active areas			
Examine how to reduce the risk of tectonic hazards via MONITORING, PREDICTION, PROTECTION & PLANNING			
Weather hazards			
Describe and explain the global atmospheric circulation			
Describe the distribution of tropical storms			
Explain how tropical storms are formed			
Examine the structure of a tropical storm and their associated features			
Assess the causes and impacts of a named tropical storm (HURRICANE KATRINA)			
Examine how countries are reducing the effects of tropical storms			
Know the different types of weather hazards in the UK			
Assess the causes and impacts of a named extreme weather event in the UK (THE BIG FREEZE)			
Explain why extreme weather is increasing in the UK			
Climate change			
Evaluate the evidence for climate change			
Explain the natural causes of climate change			
Explain the human causes of climate change			
Examine how the impacts of climate change can be managed via adaptation and mitigation			

Section B - you must study the living world and either hot deserts OR cold environments

The Living World (ANSWER ALL QUESTIONS)

Ecosystems			
Define what an ecosystem is and know their key components			
Explain changes to an ecosystem can have a knock on effect on its features			
Describe and explain the distribution of global ecosystems			
Tropical Rainforests			
Describe and explain the global distribution of Tropical Rainforests (TRF)			
Describe and explain the physical characteristics of tropical rainforests: Climate, soils and vegetation (and examine their interaction).			
Describe how plants have adapted to living in the TRF			
Examine the causes of deforestation			
Evaluate the impacts deforestation with a named case study (MALAYSIA)			
Know the importance of TRF and ways in which they can be managed effectively			
Explain how TRF can be managed sustainably with key examples			

Option 1- Hot Deserts			
Describe and explain the global distribution of hot deserts			
Describe and explain the physical characteristics of hot deserts: Climate, soils and vegetation (and examine their interaction).			
Assess the opportunities for developments in hot deserts with a named example (<i>THE SAHARA</i>)			
Evaluate the challenges faced when developing in a hot desert with a named example (<i>THE SAHARA</i>)			
Describe and explain the causes of desertification			
Examine how countries are reducing the risk desertification			

Section C - you must study two of the following options; Coastal landscapes in the UK, River landscapes in the UK and Glacial landscapes in the UK (ANSWER Q'S 3 & 4 ONLY)

UK Physical landscapes			
Explain the different relief across the UK			
Read a cross section of contour lines on an OS map			
Coastal landscapes in the UK			
Describe and explain the characteristics of both constructive and destructive waves			
Explain the different types of sub aerial processes (weathering and mass movement)			
Describe the different types of erosion and explain how a variety of associated landforms are created (Headlands & Bays/Caves, Arches, Stacks/Cliffs & Wave-cut Platforms)			
Describe how deposition and long shore drift create a number of different landforms (Beaches/Spits/Bars)			
Know a named case study and explain how different processes and factors have influenced the coast (THE HOLDERNESS COAST)			
Study a coastal area using an OS map and pick out features using the key			
Assess how coasts can be managed using hard engineering techniques			
Assess how coasts can be managed using soft engineering techniques			
Explain the effectiveness of managed retreat			
Evaluate the management of a named coastline (THE HOLDERNESS COAST)			
River landscapes in the UK			
Recognise the difference in long and cross river profile and how the river changes downstream			
Describe and explain the different processes of erosion, transportation and deposition			
Describe and explain the formation of key Upper Course features formed by Erosion (waterfall and gorges/Interlocking Spurs/)			
Describe and explain the formation of key Middle Course features formed by Erosion (meanders & ox bow lakes)			
Describe and explain the formation of key Lower Course features formed by Deposition (Floodplains & Levees/ Estuaries)			
Examine the changes of a named river from source to mouth (RIVER TEES)			
Explain the causes of flooding			
Analyse the difference in storm hydrographs and lag times (urban and rural)			
Assess how rivers can be managed using hard engineering techniques			
Assess how rivers can be managed using soft engineering techniques			
Assess how a named area has been impacted by flooding and the solutions put in place to limit the risk (COCKERMOUTH)			