Name_____ Class _____

Teacher _____ Target Grade _____

AQA GCSE Geography Paper 1: Living with the physical environment

Section C: UK Physical landscapes	I need help	I got some of it	I have nailed it	How I am going to improve my knowledge or understanding. Eg Revision Guides, GCSE Pods, Practise papers or Intervention
Key Idea: The UK has a range of diverse landscapes.				
42 I have an overview of the location of major upland/lowland areas and river systems.				
Key Idea: The coast is shaped by a number of physical processes.				
43 I understand about **Wave types and characteristics.**				
44 I can describe and explain **Coastal processes: weathering** processes – mechanical, chemical; **mass movement** – sliding, slumping and rock falls; **erosion** – hydraulic power, abrasion and attrition; transportation – **longshore drift**; **deposition** – why sediment is deposited in coastal areas.				
Key Idea: Distinctive coastal landforms are the result of rock type, structure and physical processes.				
45 I understand how **geological structure and rock type** influence coastal forms.				
46 I can explain the characteristics and formation of **landforms resulting from erosion** (headlands and bays, cliffs and wave cut platforms, caves, arches and stacks.)				
47 I can explain the characteristics and formation of **landforms resulting from deposition** (beaches, sand dunes, spits and bars.)				
48 I can use an example of a section of coastline in the UK to identify its major landforms of erosion and deposition. (**Dorset Coast**)				
Key Idea: Different management strategies can be used to protect coastlines from the effects of physical processes.				
49 I can explain costs and benefits of **hard engineering** – sea walls, rock armour, gabions and groynes				
50 I can explain costs and benefits of **soft engineering** – beach nourishment and reprofiling, dune regeneration and managed retreat – coastal realignment.				
51 I can use an example of a **coastal management** scheme in the UK to show: the reasons for management / the management strategy / the resulting effects and conflicts. (**Medmerry** in West Sussex - coastal realingnment)				
Key Idea: The shape of river valleys changes as rivers flow downstream and associated fluvial processes.				
52 The long profile and changing cross profile of a river and its valley.				
53 I undestand fluvial **erosion** – hydraulic action, abrasion, attrition, solution, vertical and lateral erosion				
54 I undestand fluvial **transportation** – traction, saltation, suspension and solution				
55 I undestand fluvial **deposition** – why rivers deposit sediment.				
Key Idea: Distinctive fluvial landforms result from different physical processes.				
56 I can explain the characteristics and formation of landforms resulting from erosion – interlocking spurs, waterfalls and gorges.				
57 I can explain the characteristics and formation of landforms resulting from erosion and deposition – meanders and ox-bow lakes.				
58 I can explain the characteristics Characteristics and formation of landforms resulting from deposition – levées, flood plains and estuaries.				
59 An example of a river valley in the UK to identify its major landforms of erosion and deposition. (The River Severn?)				
Key Idea: Different management strategies can be used to protect river landscapes from the effects of flooding.				
60 How physical and human factors affect the **flood risk** – precipitation, geology, relief and land use.				
61 The use of **hydrographs** to show the relationship between precipitation and discharge.				
62 I can explain costs and benefits of **hard engineering** – dams and reservoirs, straightening, embankments, flood relief channels				
63 I can explain costs and benefits of **soft engineering** – flood warnings and preparation, flood plain zoning, planting trees and river restoration.				
64 I can use an example of a **flood management scheme** in the UK to show: why the scheme was required / the management strategy / the social, economic and environmental issues. (**Boscastle**?)				
Do NOT attempt the last option section (Glaciation) as you only have to do two from three.				