

AQA COASTAL LANDSCAPES IN THE UK

Paper 1

Coastal Landscapes in the UK PLC

Red = Not confident at all
 Amber = Some confidence
 Green = Very confident



reference notes



interactive quizzes



	Red	Amber	Green
The coast is shaped by a number of physical processes			
I know the different wave types and their characteristics.			
I know the processes of coastal weathering, e.g. mechanical and chemical weathering.			
I know the process of mass movement e.g. slumping, rock falls and landslides.			
I know the processes of coastal erosion e.g. hydraulic action, abrasion, and attrition.			
I know the processes of coastal transportation e.g. longshore drift.			
I know the processes of coastal deposition and why sediment is deposited.			
Distinctive coastal landforms are the result of rock type, structure, and physical processes			
I understand how geological structure and rock type influence coastal forms.			
I know the characteristics and formation of landforms resulting from erosion e.g. headlands and bays, cliffs and wave cut platforms, caves, arches, stacks, and stumps.			
I know the characteristics and formation of landforms resulting from deposition e.g. spits, bars, beaches, and sand dunes.			
I know a case study / example of a section of coastline in the UK to identify its major landforms of coastal erosion and deposition.			
Different management strategies can be used to protect coastlines from the effects of physical processes			
I know the costs and benefits of hard engineering e.g. sea walls, rock armour, gabions, and groynes.			
I know the cost and benefits of soft engineering e.g. beach nourishment, reprofiling, and dune regeneration.			
I know the costs and benefits of managed retreat e.g. coastal realignment.			
Case Study			
I know a case study of an example of a coastal management scheme in the UK to show why management strategies are needed.			
I know a case study of an example of a coastal management scheme in the UK to show the management strategies used.			
I know a case study of an example of a coastal management scheme in the UK to show resulting effects and conflicts.			

AQA RIVER LANDSCAPES IN THE UK

Paper 1

River Landscapes in the UK PLC

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	Red	Amber	Green
The shape of river valleys changes as rivers flow downstream			
I know what the long profile of a river is.			
I know how and why the long profile of a river changes from source to mouth.			
I know the characteristics of the cross profile of a river in the upper, middle, and low course.			
I know how and why the characteristics of the cross profile of a river in the upper, middle, and lower course change.			
I know the characteristics of the cross profile of a river valley in the upper, middle, and lower course.			
I know how and why the characteristics of the cross profile of a river valley in the upper, middle, and lower course change.			
I can describe and explain the 4 main processes of fluvial erosion.			
I can describe and explain the 4 main processes of fluvial transportation.			
I know why rivers deposit sediment.			
I know where and why rivers deposit sediment.			
Distinctive fluvial landforms result from different physical processes			
I know the characteristics and formation of landforms resulting from erosion: <ul style="list-style-type: none"> • interlocking spurs • waterfalls • gorges 			
I know the characteristics and formation of landforms resulting from erosion and deposition: <ul style="list-style-type: none"> • meanders • ox-bow lakes 			
I know the characteristics and formation of landforms resulting from deposition: <ul style="list-style-type: none"> • levées • flood plains • estuaries 			
I know an example of a river valley in the UK to identify its major landforms of erosion and deposition.			

Different management strategies can be used to protect river landscapes from the effects of flooding

<p>I know how physical factors affect the flood risk:</p> <ul style="list-style-type: none"> • precipitation • geology • relief 			
<p>I know how human factors affect the flood risk:</p> <ul style="list-style-type: none"> • land use 			
<p>I know how to use hydrographs to show the relationship between precipitation and discharge.</p>			
<p>I can describe and explain the costs and benefits of hard engineering strategies:</p> <ul style="list-style-type: none"> • dams and reservoirs • straightening • embankments • flood relief channels 			
<p>I can describe and explain the costs and benefits of soft engineering strategies:</p> <ul style="list-style-type: none"> • flood warnings and preparation • flood plain zoning • planting trees • river restoration 			
<p>I know an example of a flood management scheme in the UK to show:</p> <ul style="list-style-type: none"> • why the scheme was required • the management strategy • the social, economic and environmental issues 			

AQA GLACIAL LANDSCAPES IN THE UK

Paper 1

Glacial Landscapes in the UK PLC

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reference notes



interactive quizzes



	Red	Amber	Green
Ice was a powerful force in shaping the physical landscape of the UK			
I know the maximum extent of ice cover across the UK during the last ice age.			
I know the processes of freeze thaw weathering.			
I know the erosional processes of abrasion and plucking.			
I know how glaciers move and transport (rotational slip and bulldozing).			
I know why glaciers deposit sediment (till and outwash).			
Distinctive glacial landforms result from different physical processes			
I know the characteristics and formation of landforms resulting from erosion including:			
corries			
arêtes			
pyramidal peaks			
truncated spurs			
glacial troughs			
ribbon lakes			
hanging valleys			
I know the characteristics and formation of landforms resulting from transportation and deposition including:			
erratics			
drumlins			
types of moraine (lateral, medial, terminal and ground)			
I know an example of an upland area in the UK affected by glaciation.			
I know the major landforms of erosion and deposition for a named example of an upland area in the UK affected by glaciation.			
Glaciated upland areas provide opportunities for different economic activities, and management strategies can be used to reduce land use conflicts			
I can give an overview of economic activities in glaciated upland areas including tourism, farming, forestry, and quarrying.			
I can identify conflicts between different land uses in a glaciated upland area.			
I can identify of conflicts between development and conservation in a glaciated upland area.			
Using an example of a glaciated upland area in the UK used for tourism I can show:			

the attractions for tourists.			
social, economic and environmental impacts of tourism.			
strategies used to manage the impact of tourism.			