

Physical landscapes in the UK – Coasts: Challenge grid

Revision



1 mark



2 marks



3 marks



4 marks



6 marks



9 marks

Created by @Mrs_Geography

Define the term 'deposition'	Outline a type of weathering	Explain how freeze-thaw weathering can cause cliff collapse	Name a process of weathering, other than freeze-thaw	Outline one process of erosion
Using a place example, discuss the conflicts created as a result of coastal management	Suggest how the sea defences, such as rock armour, help to protect the coastline	Define the term 'mechanical weathering'	Suggest why coastal areas need to be protected from the effects of physical processes	
Outline one disadvantage of dune regeneration	Explain the formation of beaches		Outline one disadvantage of groynes	Define the term 'mass movement'
Explain the formation of a bar		Explain how different landforms may be created by the transport and deposition of sediment along the coast.		Using a place example, to what extent has coastal management been successful
Name one process of erosion that may affect cliffs	To what extent does rock type influence the creation of coastal landforms		Name one characteristic of a constructive wave	Explain the formation of a spit
Explain how hard engineering is used to protect coastlines from the effects of physical processes.	Outline one benefit of beach nourishment	Explain the formation of headlands and bays		Explain how sand dunes form
Explain the formation of caves, arches and stacks	Using a place example, explain the social and environmental reasons for coastal management		Using a place example, explain the formation of a headland and bay.	
	Describe how the sea erodes the coast	Using a place example, evaluate the coastal management strategies used to protect the coastline		Explain the formation of wave-cut platforms
Using a coastal management strategy you have studied, discuss the social and environmental effects	Name one characteristic of a destructive wave		Explain how soft engineering is used to protect coastlines from the effects of physical processes.	
	Define the term 'attrition'	Explain the formation of a cliff		Outline one benefit of a sea wall
Explain how different landforms may be created by erosional processes along the coast.			Explain the differences between hard and soft engineering coastal management strategies	

Physical landscapes in the UK – Rivers: Challenge grid

Revision

1 mark
 2 marks
 3 marks
 4 marks
 6 marks
 9 marks

Created by @Mrs_Geography

Evaluate the river management strategies used to protect an example you have studied		Explain the formation of a waterfall		Using a place example, explain the social and environmental reasons for river management		Define the term 'deposition'		Outline one process of erosion	
Define the term 'hydraulic action'		Outline one reason why rivers deposit sediment		Define the term 'saltation'		Outline one benefit of a dam and reservoir		Explain the likely economic effects of river flooding	
Identify two characteristics of a floodplain						Suggest how the flood management schemes help reduce the risk of flooding.		Define the term 'solution'	
To what extent does erosion influence the creation of river landforms				Explain the differences between hard and soft engineering river management strategies			Explain how hard engineering is used to reduce flood risk		
Name one process of erosion that may affect river banks		Explain the formation of an estuary				Identify two characteristics of interlocking spurs		State one reason why the size of sediment carried by the river decreases downstream.	
Explain how soft engineering is used to reduce flood risk			Outline one disadvantage of channel straightening		Using a river management strategy you have studied, discuss the social and environmental issues			Suggest how river management, such as embankments, help to reduce flood risk	
Explain the formation of a meander	Describe the shape of the river's long profile.	Explain the formation of an oxbow lake				Explain how physical and human factors can increase the risk of river flooding.			
		Explain how different landforms may be created by transportation processes along the course of a river.		Define the term 'traction'		Explain the formation of flood plains		Describe the changes along the long profile of a river	Explain the formation of a levee
Explain the processes involved in the formation of waterfalls and gorges.	Explain the formation of a gorge	Using a place example, to what extent has river management been successful		Describe how a river transports sediment	Explain how different landforms may be created by the transport and deposition of sediment along the course of a river.		Explain the formation of interlocking spurs	Suggest one reason why the cross profile of the river valley changes as you travel downstream	