

TECTONIC HAZARDS

CONFIDENCE AFTER LESSON

RECALLED

CONFIDENCE AT END OF COURSE



1 2 3



KEY IDEA: natural hazards pose major risks to people and property

Using examples describe a range of primary and secondary effects of a tectonic hazard									
Define immediate and long-term responses									
Using examples describe a range of immediate and long-term responses of a tectonic hazard									
Using named examples explain how the effects and responses to a tectonic hazard are different between a rich country and a poor country: Tohoku Tsunami, Japan (HIC) and Haiti Earthquake, (LIC)									

KEY IDEA: management can reduce the effects of a tectonic hazard

Explain why people chose to live in areas of tectonic activity									
Explain how monitoring, prediction, protection and planning can be used to reduce the risk from a tectonic hazard									
Evaluate how much risk from tectonic hazards can really be reduced									
Explain why people chose to live in areas of tectonic activity									

CLIMATE CHANGE	CONFIDENCE AFTER LESSON			RECALLED			CONFIDENCE AT END OF COURSE		
				1	2	3			

KEY IDEA: climate change is the result of natural and human factors, and has a range of effects

Describe how the climate has changed from the beginning of the Quaternary period to the present day

Identify the evidence we have of climate change

Explain the possible natural causes of climate change

Explain the possible human causes of climate change

Suggest some of the effects of climate change on both people and the environment







KEY IDEA: managing climate change involves both mitigation (reducing causes) and adaptation (responding to change)

Define the terms mitigation and adaptation







Explain a number of mitigation strategies which can be used to manage climate change

Explain a number of adaptation strategies which can be used to manage climate change

PAPER 1: SECTION C - Q3 Physical Landscapes in the UK

RIVER LANDSCAPES IN THE UK	CONFIDENCE AFTER LESSON			RECALLED			CONFIDENCE AT END OF COURSE		
				1	2	3			
KEY IDEA: the shape of river valleys changes as rivers flow downstream									
Describe the characteristics of a long profile and changing cross profiles of a river and its valley									
Explain the difference between the different erosion processes (hydraulic action, abrasion, attrition, solution)									
Explain the differences between the different transportation processes (traction saltation, suspension, solution)									
Explain why rivers deposit sediment									
KEY IDEA: distinctive fluvial landforms result from different physical processes									
Identify the different landforms which result from erosional processes and describe their characteristics									
Explain how erosion landforms are formed (interlocking spurs, waterfalls, gorges)									
Identify the different landforms which result from erosion and deposition processes and describe their characteristics									
Explain how erosion and deposition landforms are formed (meanders and ox-bow lakes)									
Identify the different landforms which result from depositional processes and describe their characteristics									
Explain how deposition landforms are formed (levees, flood plains, estuaries)									
Using an example of a river valley in the UK identify the major landforms of erosion and deposition: River Tees									
KEY IDEA: different management strategies used to protect river landscapes from the effects of flooding									

PAPER 1: SECTION C - Q4: UK LANDSCAPES

COASTAL LANDSCAPES IN THE UK	CONFIDENCE AFTER LESSON			RECALLED			CONFIDENCE AT END OF COURSE		
				1	2	3			
KEY IDEA: the coast is shaped by a number of physical processes									
Describe the different types of waves and their characteristics									
Explain the difference between the different weathering processes (mechanical and chemical)									
Explain how mass movements occur and describe the different types of mass movement (sliding, slumping, falls): Holbeck Hall									
Explain the different types of erosion (hydraulic action , abrasion, attrition)									
Explain how material is transported by longshore drift									
Explain why sediment is deposited in coastal areas									
KEY IDEA: distinctive coastal landforms are the result of rock type, structure and physical processes									
Explain how geological structure and rock type influence coastal forms									
Identify the different coastal landforms which result from erosional processes and describe their characteristics									
Explain how erosion landforms are formed (headlands, bays, cliffs, wave cut platforms, caves, arches, stacks)									
Identify the different coastal landforms which result from depositional processes and describe their characteristics									
Explain how deposition landforms are formed (beaches, sand dunes, spits, bars)									
Using an example of a section of coastline in the UK identify the major landforms of erosion and deposition: Holderness Coast									
KEY IDEA: different management strategies used to protect coastlines from the effects of physical processes									

