COQUET COMMUNITY SCHOOL

GEOGRAPHY

REVISION

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PAPER1 - Physical

PAPER2 - Human

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PAPER 1

Challenge of Natural Hazards

Living World

UK Physical Landscapes

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PAPER1 – Physical - page 1

COQUET

The challenge of natural hazards – Tectonic hazards: Challenge grid

Revision

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

Created by @Mrs_Geography

Explain how earthquakes are created at destructive plate boundaries	Outline two primary effects of a volcanic eruption	Draw a labelled diagram(s) to explain why earthquakes occur at conservative plate boundaries.	Outline one reason for the distribution of earthquakes	Compare the similarities and differences between a constructive and destructive plate boundary
Describe factors which could affect hazard risk	'Monitoring and predicting are the best ways to reduce the risks of a tectonic hazard' Use evidence to challenge this statement.	For a tectonic hazard you have studied, to what extent do the effects of that hazard vary between LICs and HICs	Explain how earthquakes are created at conservative plate boundaries	
For a tectonic hazard you have studied, to what extent are the primary effects more significant than the secondary effects		Define the term 'natural hazard'	Outline two secondary effects of an earthquake	Suggest why the effects of a tectonic hazard vary between areas of contrasting levels of wealth.
Explain why the majority of earthquakes and volcanoes occur at plate margins		'LIC always suffer more when an earthquake hits.' Use evidence to support this statement.	Outline one possible reason for people living in a hazardous area.	
Describe and explain how risks of a volcanic eruption can be reduced.	State two immediate responses to a tectonic hazard that could reduce the number of deaths		Assess the social and environmental effects for a tectonic hazard you have studied	
Using examples, evaluate the effectiveness of the immediate and long-term responses to a tectonic hazard in countries with contrasting levels of wealth	Explain how the global atmospheric system affects the weather and climate of the tropics	Explain why so many people live in areas at risk from tectonic hazards	For a tectonic hazard you have studied, to what extent do the responses to that hazard vary between LICs and HICs	
Describe the global distribution of volcanoes	Describe and explain how risks of earthquakes can be reduced.		Explain how planning for tectonic hazards might help to reduce the effects of an earthquake	
	Suggest why the effects of a tectonic hazard may be more significant in a urban area.	Explain how a volcanic eruption occurs at a constructive plate boundary	Outline one reason for the distribution of tectonic hazards	
Assess the immediate responses and long term responses for a tectonic hazard you have studied		State two differences between continental crust and oceanic crust	Explain how prediction might help to reduce the effects of a volcanic eruption	

Next > >

PAPER1 – Physical - page 2

The challenge of natural hazards – Weather hazards: Challenge grid

Revision

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

Created by @Mrs_Geography

'LIC always suffer more when a tropical storm hits.' Use evidence to support this statement.	Give two reasons why tropical storms eventually lose their energy.	Explain why planning and being prepared is the best option for reducing the effects of tropical storms	Outline two features of a tropical storm	State one cell in the global atmospheric circulation
Outline two immediate responses that could help reduce the effects of a tropical storm	Assess the extent to which prediction is the most important factor in reducing the effects of tropical storms.	State another name for hurricanes	Explain how protection strategies can be used to reduce the effects of tropical storms	
Explain the factors which affect the global atmospheric circulation system		Describe the global distribution of tropical storms	Outline two long-term responses that could help reduce the effects of a tropical storm	Using an example of a tropical storm you have studied, discuss how immediate and long-term responses help to reduce its effects
Describe and explain the distribution of tropical storms		Explain how climate change may make the impacts of tropical storms worse	For a tropical storm you have studied, to what extent are the primary effects more significant than the secondary effects	
For a tropical storm you have studied, to what extent are the immediate responses more significant than the long term responses	Give one conditions that is needed for a tropical storm to form.		Describe how global atmospheric circulation affects the Earth's climate	Define the term 'protection'
Define 'planning' in the event of a natural disaster	Using a named example, explain how tropical storms can impact people and the environment	For a tropical storm you have studied, to what extent does the immediate and long-term responses help to reduce its effects		Explain strategies which could be used to reduce the risks of tropical storms

<< PREVIOUS

Next > >

PAPER1 – Physical - page 3

COQUET

The challenge of natural hazards – Climate change: Challenge grid

Revision

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

Created by @Mrs_Geography

Define the term 'climate change'	Define the term 'adaptation'	Explain how and why volcanic activity can affect global climate	Describe one way people can adapt to rising sea levels	Outline two sources of evidence for long-term climate change during the Quaternary period
Outline one strategy which aims to reduce the rate of climate change (mitigation)	Outline one reason why the concentration of carbon dioxide in the atmosphere has changed over time.	'The weather of the UK is becoming more extreme.' Use evidence to support this statement.	Assess the economic and environmental impacts of a UK extreme weather event you have studied	
Outline two ways human activity may contribute to climate change		Explain the evidence that UK weather is becoming more extreme	State an example of 'extreme weather'	Describe how global atmospheric circulation affects the Earth's climate
Outline two human reasons which can affect global change		Explain how physical and human factors can contribute to climate change	Identify two sources of greenhouse gases	
Describe one way people can adapt to managing water supply	Outline one possible environmental effect of climate change		Define the term 'mitigation'	Explain how and why solar output can affect global climate
Explain how and why changes in earth's orbit and movement can affect global climate	'Global climate is changing'. Use evidence to support this statement.	Explain two possible causes of climate change		Describe how greenhouse gas emissions from energy production could be reduced
Outline how international agreements can help to manage climate change	For a UK extreme weather event you have studied, assess the importance of management strategies used to reduce the impacts of the event.			
	Outline how international agreements can help to manage climate change	Describe how greenhouse gas emissions from energy production could be reduced	Outline how agricultural systems can adapt to changes caused by climate change	
Outline two reasons why human activities effect the concentration of CO_2 in the atmosphere		Using a named example, explain how climate change can have social and environmental effects	What is extreme weather?	Explain how poor land use can affect global climate

<< PREVIOUS

HOME >>

PAPER2 – Living World - page 1

COQUET

Living world – Tropical rainforests: Challenge grid

Revision

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

Created by @Mrs_Geography

Describe the distribution of tropical rainforests	Define the term 'biotic'	Explain how ecotourism can be part of a sustainable management strategy for a tropical rainforest	Describe and explain the distribution of tropical rainforests	Outline one cause of deforestation
Explain how the structure of the tropical rainforest vegetation can support high animal populations	Assess the social and environmental impacts of deforestation in a rainforest you have studied	Describe the features of a small scale ecosystem	For a tropical rainforest that you have studied, assess the extent to which deforestation benefits the people who live there	
		Complete the sentence... A producer is...	Outline one cause of deforestation	Explain how human development in tropical rainforests might reduce biodiversity
Describe and explain the features of the vegetation found in a tropical rainforest		Assess the impacts of deforestation in Amazonia	Describe and explain how the tropical rainforest is interdependent	
Outline one possible social impact of deforestation.	'The rainforest is more valuable when left intact than when destroyed.' Use evidence from different examples to support and/or challenge this view		Describe the climate of a tropical rainforest	Evaluate the success of different strategies used to manage tropical rainforests sustainably
Describe one way plants in tropical rainforests have adapted to their environment	Explain strategies which could be used to manage a rainforest sustainably	Using a named example, explain how changes can have long and short term effects on an ecosystem		Outline one possible environmental impact of deforestation.
Define the term 'sustainable'	Explain reasons why tropical rainforests should be protected		Define the term 'nutrient recycling'	
	Describe features of a tropical rainforest ecosystem	Suggest one way that international co-operation can help make tropical rainforests more sustainable.	Explain how international hardwood agreements can encourage the sustainable management of tropical rainforests	
For a tropical rainforest that you have studied, assess the extent to which deforestation benefits the people who live there		Explain how reducing the debt of a country may help to reduce deforestation	Explain plant and animal adaptations in a tropical rainforest environment	
			Define the term 'biome'	Describe one way plants in tropical rainforests have adapted to their environment
Explain how selective logging can help make tropical rainforests more sustainable	Outline one cause of deforestation			
Describe and explain how soil and plants in tropical rainforests are dependent on one another			For a tropical rainforest you have studied, to what extent does deforestation affect people and the environment?	

Next > >

PAPER2 – Living World - page 2

COQUET

Living world – Cold environments: Challenge grid

Revision

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

Created by @Mrs_Geography

Describe and explain the distribution of cold environments	Describe the distribution of cold environments		Define the term 'decomposer'	Describe features of a cold environment	Explain how human development in cold environments might reduce biodiversity
Define the term 'abiotic'	Explain strategies which could be used to protect cold environments	Explain reasons why cold environments should be protected	Describe the distribution of the tundra ecosystem	Evaluate the success of different strategies used to manage cold environments sustainably	
Describe the climate of polar ecosystem			For a cold environment you have studied, assess the importance of management strategies used to reduce the risk of environmental damage	Describe and explain the features of the vegetation found in a cold environments	Describe the distribution of the polar ecosystem
For a cold environment you have studied, to what extent does that environment provide both opportunities and challenges?			Explain how conservation can encourage sustainable management of cold environment	Assess the social and environmental challenges of development in a cold environment you have studied	
Outline one possible challenge to development in cold environments	For a cold environment you have studied, assess the importance of management strategies used to reduce the risk of environmental damage.			Explain the physical characteristics of cold environments	Explain plant and animal adaptations in a cold environment
Explain how governments can encourage sustainable management of cold environment		Describe one way plants in cold environments have adapted to their environment	'Cold environments are more valuable when left intact than when destroyed.' Use evidence from different examples to support and challenge this view.		Suggest one strategy which could be used protect a cold environment
Explain reasons why cold environments such as the Arctic Tundra should be protected	Complete the sentence... A consumer is...	Explain how different stakeholders benefit from economic development in cold environments		Explain how cold environments can create challenges for development	
		Describe and explain how cold environments are interdependent	Describe one way animals in cold environments have adapted to their environment	Suggest one economic opportunity of development in cold environments	Define the term 'ecosystem'	Explain how international agreements can encourage sustainable management of cold environment

HOME >>

<< PREVIOUS

PAPER3– Physical landscapes in the UK - Coasts: Challenge grid

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'		
Outline one disadvantage of dune regeneration			Suggest why coastal areas need to be protected from the effects of physical processes	
		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		Define the term 'abrasion'	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	

Next > >

PAPER3– Physical landscapes in the UK - Coasts: Challenge grid

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'	Outline one benefit of flood plain zoning
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 a your travel downstream

<< PREVIOUS

Next > >

PAPER 2

Changing Economic World

Resource Management

Urban Issues and Challenges

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PAPER2 – Changing Economic World

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'	Outline one benefit of flood plain zoning
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 a your travel downstream

HOME >>

PAPER2 – Resource Management

COQUET

The challenge of resource management: Challenge grid

Revision

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

Created by @Mrs_Geography

To what extent is it preferable to source food locally in the UK rather than import from abroad?	Give two reasons for the global rise in water consumption	Explain how water security could lead to conflict	Describe how global water scarcity links to the global pattern of undernourishment	Outline one way in which water quality in the UK can be managed
Describe a human factor that can affect the availability of water	Suggest how the proposed water transfer schemes will help meet the changing demand for water in the UK.	Suggest one way in which water insecurity might affect the quality of life of people.	Using an example of a local scheme from an LIC or NEE, explain how water supply has been made more sustainable.	Suggest one reason for the development of fracking in the UK.
Outline one way people in the UK are attempting to reduce food miles	Explain why water deficit in some areas of the UK is increasing	Explain how exploiting energy resources can cause environmental issues	Explain the benefits of locally produced food	Examine the advantages and disadvantages of a large scale water transfer scheme that you have studied.
		Outline one opportunity created by the changing demand for food in the UK.	Describe a method that people could use in their homes to conserve water	Use an example from a LIC/NEE to explain how local strategies are being used to increase sustainable supplies of water.
How does increasing food miles lead to a larger carbon footprint?		Explain how water security can be improved.		
Explain why the process of fracking for gas causes conflict between different groups of people.	Explain how inequalities in the supply of resources influence social well-being.	Give two causes of water insecurity.	Give two reasons why the use of coal decreased between1985-2015.	
Outline one economic issue caused by exploiting renewable energy resources	For a water transfer scheme you have studied, to what extent has the scheme been successful?	Explain why different food items are transported by different methods	Describe a physical factor that can affect the availability of water	
Suggest why there might be a need for water transfer from one part of the UK to another.	Explain how the use of water in the UK can be made sustainable	Outline one reason why some countries have a significant risk to water security.		

HOME >>

PAPER2 – Urban issues and challenges

Urban issues and challenges: Challenge grid

Revision

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

Created by @Mrs_Geography

Suggest reasons for the differences in the rate of urbanisation in HICs and LICs	Evaluate the impacts of a regeneration project you have studied.	Explain how an urban planning scheme in an LIC or NEE has had a positive effect on people living in the area	Explain one economic problem caused by traffic congestion.	To what extent has urban change created opportunities in a UK city you have studied?
Suggest two push facts that encourage people to leave rural areas	Discuss how the features of Greenhouse development will make for more sustainable urban living.	What is rural-urban fringe?	Suggest two reasons for the fast rate of urban growth in many lower income countries	What is a megacity?
Assess the social and environmental challenges OR opportunities of urban change for a UK city you have studied	Describe how international migration has led to change in the character of a named UK city	Assess the social and environmental opportunities OR challenges of urban growth for either an LIC or NEE you have studied	Using an example of a UK urban regeneration project you have studied, explain how the area has been improved	Explain how urban regeneration projects can reduce levels of urban deprivation.
		Define the term 'urbanisation'	Explain how natural increase contributes to urbanisation	Referring to a case study of a city in a LIC/NEE to assess the challenge of providing services to the city's population
Explain the environmental challenges caused by urban growth in an LIC or NEE	Describe how migration has influenced the growth of a named UK city	'Urban change presents more challenges than opportunities'. Using a case study of a LIC city, discuss the extent to which you agree with this statement.	To what extent do squatter settlements in LICs or NEEs provide opportunities OR challenges for people?	
To what extent do urban areas in lower income countries (LICs) or newly emerging economies (NEEs) provide social and economic opportunities for people?	Suggest two pull factors that encourage people to move to cities	What is urban regeneration?	Suggest two reasons for the slow rate of urban growth in many higher income countries	Define the term 'natural increase'	For a UK city you have studied, to what extent does urban change provide both opportunities and challenges?
For a LIC or NEE you have studied, to what extent does urban growth provide both opportunities and challenges?	Using an example explain how urban regeneration projects can reduce levels of urban deprivation.	Define the term 'brownfield site'	To what extent has urban change created challenges in a UK city your have studied?	
Suggest why an increasing number of megacities are located in lower income countries (LICs) or newly emerging economies (NEEs).	To what extent do urban areas in lower income countries (LICs) or newly emerging economies (NEEs) provide social and economic opportunities for people?	Outline one way that international migration has led to change in the character of a named UK city.	Suggest why there are inequalities in health in urban areas.	
Define the term 'greenfield site'	Using a named example, explain how the rural-urban fringe has been affected by urban sprawl	Evaluate the effectiveness of an urban transport scheme(s) you have studied.	Referring to a case study of a major city in the UK, discuss the effects of urban sprawl on people and the environment.	
Evaluate the effectiveness of an urban planning strategy in helping to improve the quality of life for the urban poor. Use an example of a city in a lower income country (LIC) or newly emerging economy (NEE).		Explain how the growth of a LIC or NEE has been affected by its physical geography	Explain how the sustainability of urban areas can be improved through energy conservation schemes	

HOME >>