

AQA GCSE Case studies and examples

Paper 1- Living with the Physical environment

The challenge of natural hazards

Specification	Case study/Example
<i>Named examples to show the effects and responses to a tectonic hazard between two areas of contrasting levels of wealth</i>	New Zealand and Nepal
<i>Use a named example of a tropical storm to show its effects and responses.</i>	Hurricane Katrina
<i>An example of a recent extreme weather event in the UK to illustrate:</i> <ul style="list-style-type: none">• <i>causes</i>• <i>social, economic and environmental impacts</i>• <i>how management strategies can reduce risk.</i>	Somerset Levels

The living world

<i>An example of a small scale UK ecosystem to illustrate the concept of interrelationships within a natural system</i>	Epping Forest
<i>A case study of a tropical rainforest to illustrate:</i> <ul style="list-style-type: none">• <i>causes of deforestation – subsistence and commercial farming, logging, road building, mineral extraction, energy development, settlement, population growth</i>• <i>impacts of deforestation – economic development, soil erosion, contribution to climate change.</i>	Amazon Rainforest
<i>A case study of a hot desert to illustrate:</i> <ul style="list-style-type: none">• <i>development opportunities in hot desert environments: mineral extraction, energy, farming, tourism</i>• <i>challenges of developing hot desert environments: extreme temperatures, water supply, inaccessibility.</i>	Western Desert region in the USA

Physical landscapes in the UK

An example of a section of coastline in the UK to identify its major landforms of erosion and deposition.	Swanage
An example of a coastal management scheme in the UK to show: <ul style="list-style-type: none">• the reasons for management• the management strategy• the resulting effects and conflicts	Medmerry Managed Retreat, Walton on the Naze
An example of a river valley in the UK to identify its major landforms of erosion and deposition.	River Tees
An example of a flood management scheme in the UK to show: <ul style="list-style-type: none">• why the scheme was required• the management strategy• the social, economic and environmental issues.	River Ouse (Yorkshire)

Paper 2: Challenges in human environment

Urban Issues and challenges

<p><i>A case study of a major city in an LIC or NEE to illustrate:</i></p> <ul style="list-style-type: none"> • <i>the location and importance of the city, regionally, nationally and internationally</i> • <i>causes of growth: natural increase and migration</i> • <i>how urban growth has created opportunities:</i> • <i>social: access to services – health and education; access to resources – water supply, energy</i> • <i>economic: how urban industrial areas can be a stimulus for economic development</i> <p><i>How urban growth has created challenges:</i></p> <ul style="list-style-type: none"> • <i>managing urban growth – slums, squatter settlements</i> • <i>providing clean water, sanitation systems and energy</i> • <i>providing access to services – health and education</i> • <i>reducing unemployment and crime</i> • <i>managing environmental issues – waste disposal, air and water pollution, traffic congestion.</i> 	<p>Rio/Lagos</p>
<p><i>An example of how urban planning is improving the quality of life for the urban poor.</i></p>	<p>Favela Bairro Project/ Makoko Floating School</p>
<p><i>A case study of a major city in the UK to illustrate:</i></p> <ul style="list-style-type: none"> • <i>the location and importance of the city in the UK and the wider world</i> • <i>impacts of national and international migration on the growth and character of the city</i> <p><i>How urban change has created opportunities:</i></p> <ul style="list-style-type: none"> • <i>social and economic: cultural mix, recreation and entertainment, employment, integrated transport systems</i> • <i>environmental: urban greening</i> <p><i>How urban change has created challenges:</i></p> <ul style="list-style-type: none"> • <i>social and economic: urban deprivation, inequalities in housing, education, health and employment</i> • <i>environmental: dereliction, building on brownfield and greenfield sites, waste disposal</i> • <i>the impact of urban sprawl on the rural–urban fringe, and the growth of commuter settlements.</i> 	<p>London</p>

<p>An example of an urban regeneration project to show:</p> <ul style="list-style-type: none"> • reasons why the area needed regeneration • the main features of the project. 	London docklands/Shoreditch
--	-----------------------------

The changing economic world

<p>An example of how the growth of tourism in an LIC or NEE helps to reduce the development gap.</p>	Jamaica
<p>A case study of one LIC or NEE to illustrate:</p> <ul style="list-style-type: none"> • the location and importance of the country, regionally and globally • the wider political, social, cultural and environmental context within which the country is placed • the changing industrial structure. The balance between different sectors of the economy. How manufacturing industry can stimulate economic development • the role of transnational corporations (TNCs) in relation to industrial development. Advantages and disadvantages of TNC(s) to the host country • the changing political and trading relationships with the wider world • international aid: types of aid, impacts of aid on the receiving country • the environmental impacts of economic development • the effects of economic development on quality of life for the population. 	Nigeria
<p>An example of how modern industrial development can be more environmentally sustainable</p>	Car Industry in UK

The challenge of resource management

<p>An example of a large scale water transfer scheme to show how its development has both advantages and disadvantages.</p>	China: South North Water Transfer
<p>An example of a local scheme in an LIC or NEE to increase sustainable supplies of water.</p>	Hitosa