DISTINCTIVE LANDSCAPES



What is ‘place’?

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Describe this distribution of sand dunes in the UK.

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What is a honeypot site?

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Why are honeypot sites under threat?

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**CASE STUDY: The Lake District, England.**

|  |  |  |
| --- | --- | --- |
| **Why do people visit the Lake District?** | **What problems are created by tourism in the Lake District?** | **How are the problems being resolved in the Lake District?** |
|  |  |  |

RIVERS

What is erosion?

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Define the following keywords of river erosion:

* Hydraulic Action: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* Solution

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* Abrasion

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* Attrition

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What is transportation?

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Define the following keywords of river transportation:

* Solution

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* Saltation

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* Suspension

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* Traction

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What is a meander?

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What is lateral erosion?

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Draw a diagram to show meander formation. Include annotations.

Using the diagram, and specific terminology, explain how a meander is formed.

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What is a waterfall?

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What is vertical erosion?

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Draw a diagram to show waterfall formation. Include annotations.

Using the diagram, and specific terminology, explain how a waterfall is formed.

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What do the words, ‘impermeable’ and ‘permeable’ mean?

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Explain two physical causes of flooding.

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Explain two human causes of flooding

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Complete the table below to outline the different impacts of flooding:

|  |  |  |
| --- | --- | --- |
| **SOCIAL** | **ECONOMIC** | **ENVIRONMENTAL** |
|  |  |  |

How can we manage the effects of flooding?

|  |  |  |  |
| --- | --- | --- | --- |
| **STRATEGY** | **DESCRIPTION** | **ADVANTAGES** | **DISADVANTAGES** |
| DAMS |  |  |  |
| LEVEES |  |  |  |
| AFFORESTATION |  |  |  |

COASTS

How do waves form and gain their energy?

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What is a concordant coastline?

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What is a discordant coastline?

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Define the following keywords of coastal erosion:

* Hydraulic Action

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* Solution

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* Abrasion

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* Attrition

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Draw a diagram to show how a wave cut notch forms and develops into a wave cut platform. Include annotations.

Using the diagram, and specific terminology, explain how a wave cut platform is formed.

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Draw a diagram to show how a coastal stack is formed. Include annotations.

Using the diagram, and specific terminology, explain how a coastal stack is formed

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What is longshore drift? How does this process work along coastal environments?

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Draw a diagram, including annotations, to help explain the process of longshore drift.

**CASE STUDY: The Winter Storms of 2014.**

Complete the table below to outline the different impacts of coastal flooding:

|  |  |  |
| --- | --- | --- |
| **SOCIAL** | **ECONOMIC** | **ENVIRONMENTAL** |
|  |  |  |

How can we manage the coastline?

|  |  |  |  |
| --- | --- | --- | --- |
| **STRATEGY** | **DESCRIPTION** | **ADVANTAGES** | **DISADVANTAGES** |
| SEA WALLS |  |  |  |
| GROYNES |  |  |  |
| BEACH REPLENISHMENT/  NOURISHMENT |  |  |  |

**RURAL-URBAN LINKS**

POPULATION AND RURAL-URBAN CHANGE

What is a sphere of influence?

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Why does a village shop have a smaller sphere of influence than a shop in a town?

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Why do people travel from rural areas to urban areas?

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How can rural life be challenging for the younger generations?

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How can rural life be challenging for the older generations?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

What is commuting?

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Why has commuting increased since the 1960s?

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Why are more people working from home since the 1960s?

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Why are a lot of houses in rural areas unaffordable?

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What is deprivation?

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What is depopulation?

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Why are more people moving away from rural locations?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

What problems are created by an ageing population in rural areas?

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What does sustainable mean?

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Why could the closure of a village shop and local schools be challenging for rural areas?

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POPULATION AND URBAN CHANGE

Define these key words:

* Average life expectancy

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* Birth rate

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* Death rate

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

* Migration

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How and why is the UK’s population changing?

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What problems can an ageing population cause the UK?

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Why is there migration into the UK?

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How can migration impact the UK’s population?

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**CASE STUDY: Garden Cities: Ebbsfleet, Kent.**

|  |  |  |
| --- | --- | --- |
|  | **Arguments FOR building new homes in Ebbsfleet** | **Arguments AGAINST building new homes in Ebbsfleet** |
| **SOCIAL** |  |  |
| **ECONOMIC** |  |  |
| **ENVIRONMENTAL** |  |  |

What is a sustainable community?

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**CASE STUDY: BedZED**

|  |  |  |
| --- | --- | --- |
| **LOCATION** | **AIMS** | **FEATURES** |
|  |  |  |

How is a greenfield site different to a brownfield site?

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What is NIMBYism?

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Why is the demand for homes around urban areas increasing?

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What is urban renewal?

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**CASE STUDY: Ipswich**

|  |  |  |
| --- | --- | --- |
| **AIM** | **FEATURES** | **EFFECTIVENESS** |
|  |  |  |

What is the Central Business District? (CBD)

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Discuss the advantages and disadvantages for the consumer of each retail location by completing the following table:

|  |  |  |
| --- | --- | --- |
| **RETAIL LOCATION** | **ADVANTAGES** | **DISADVANTAGES** |
| **Town centre high street locations** |  |  |
| **Town centre shopping centres** |  |  |
| **District/suburban shopping centres** |  |  |
| **Out-of-town retail sites** |  |  |

How is technology changing how and where we shop?

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Complete the table below by highlighting 3 positive and negative impacts of online shopping:

|  |  |
| --- | --- |
| **POSITIVE IMPACTS OF ONLINE SHOPPING** | **NEGATIVE IMPACTS OF ONLINE SHOPPING** |
|  |  |

How are high streets improving their services to re-attract potential customers?

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GLOBAL CITIES

What is an NIC? Name 3 examples.

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What is urbanisation?

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How many people are needed for a city to become a mega-city?

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What is globalisation?

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How does a city become a ‘global city’?

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**CASE STUDY: Mumbai, India.**

What is an informal settlement?

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Describe the key features of an informal settlement.

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Why do people who live in Mumbai’s informal settlements have a poor quality of life?

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Explain why demolishing informal housing next to railway lines could improve railway safety in Mumbai.

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What is a push factor?

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What is a pull factor?

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Why are more people migrating to Mumbai?

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Explain why the location of Mumbai has given the city an economic advantage over other Indian cities?

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How does Mumbai’s informal sector of its employment industry, aid the growth of the city?

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Suggest how each of the following might affect the safety and health of local residents:

Overcrowding in the chawls:

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Having to share toilet facilities:

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Insecurity of tenure for pavement dwellers:

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**CASE STUDY: Cardiff, Wales.**

Describe how Cardiff changed between 1920 and the present day. Use the following specialist terms in your answer: suburban sprawl, inner urban and re-urbanisation.

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What is an economic migrant?

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How does Cardiff’s growth compare with that of Mumbai? Consider the importance of natural increase and migration patterns in both cities.

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What is standard of living?

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What is quality of life?

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What is deprivation?

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Why might areas depopulate due to deprivation?

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**WEATHER, CLIMATE AND ECOSYSTEMS.**

CLIMATE CHANGE DURING THE QUATERNARY

Use the table below to explain the natural causes of climate change:

|  |  |  |
| --- | --- | --- |
| **CAUSE** | **DIAGRAM** | **EXPLANATION** |
| **MILANKOVITCH CYCLES** | Image result for milankovitch cycles |  |
| **SUNSPOT ACTIVITY** | Image result for SUNSPOT DIAGRAM |  |
| **VOLCANIC ERUPTIONS** | Image result for VOLCANOES AND CLIMATE CHANGE DIAGRAM |  |



What is the greenhouse effect?

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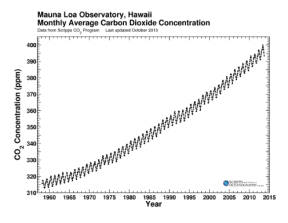
What is a carbon sink?

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How have people’s actions impacted the greenhouse effect?

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Describe the trend created by the Keeling Curve (3 marks)

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Use your understanding of the greenhouse effect to explain why reduced levels of carbon dioxide in the atmosphere might be linked to a cooler period in climate.

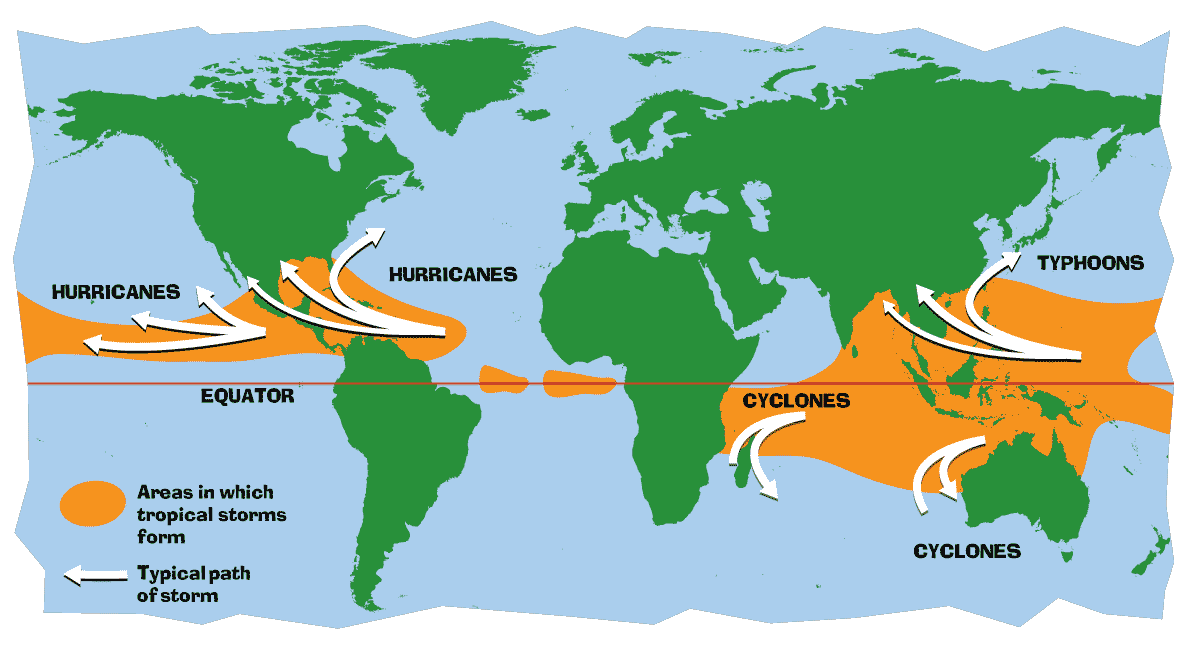
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EXTREME WEATHER

What is a low pressure system? What weather hazards do they create?

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Describe the global distribution of tropical storms.

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Why do cyclones form? Use the diagram to help your explanation.

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**CASE STUDY: TYPHOON HAIYAN**

Describe the location of Typhoon Haiyan in 2013.

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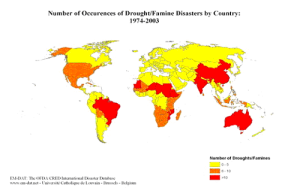
Impacts of Typhoon Haiyan:

|  |  |  |
| --- | --- | --- |
| **SOCIAL** | **ECONOMIC** | **ENVIRONMENTAL** |
|  |  |  |

What is a high pressure system? What weather hazards do they create?

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Describe the global distribution of droughts

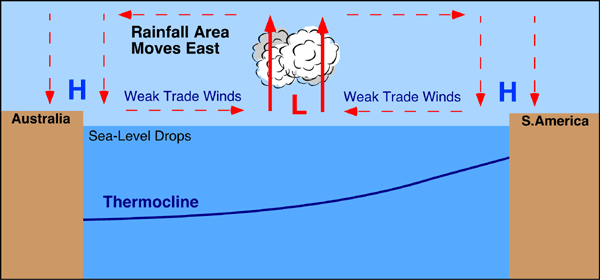
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Why do droughts happen? Use the diagram to help your explanation.

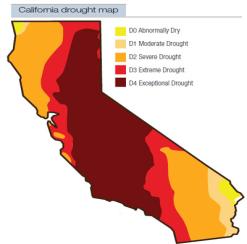
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**CASE STUDY: CALIFORNIAN DROUGHTS 2015**

Describe the location of the Californian drought in 2015.

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Impacts of the drought in California:

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| --- | --- | --- |
| **SOCIAL** | **ECONOMIC** | **ENVIRONMENTAL** |
|  |  |  |

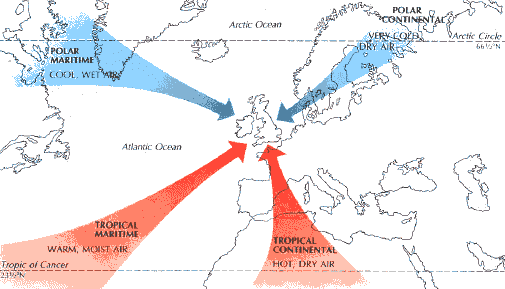
UK WEATHER AND CLIMATE

What is aspect? How can this influence weather in the UK?

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What is altitude? How can this influence weather in the UK?

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Use the diagram and explain how air masses affect the UK.

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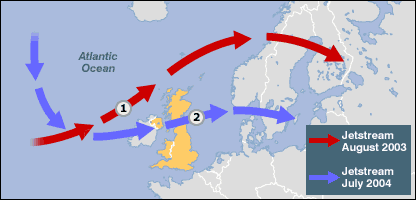
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How does the jet stream affect the UK’s weather?

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**CASE STUDY: WINTER STORMS OF 2014**

Why did the Winter Storms happen?

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Impacts of the Winter Storms:

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| **SOCIAL** | **ECONOMIC** | **ENVIRONMENTAL** |
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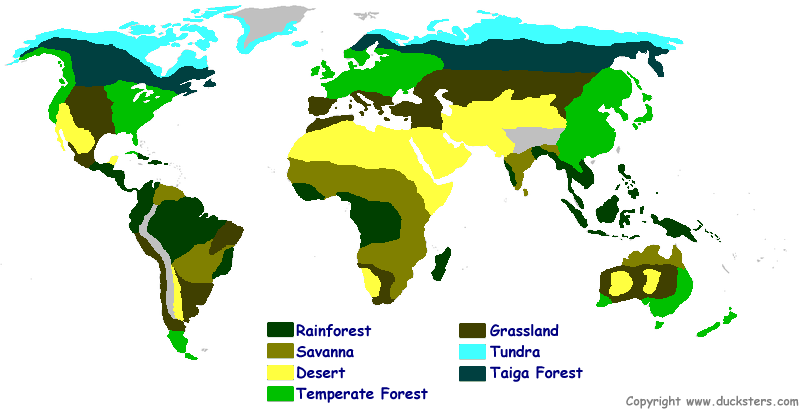
What is a microclimate?

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How do cities affect wind and rainfall patterns?

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ECOSYSTEMS



**CASE STUDY: TROPICAL RAINFORESTS**

Where in the world do we find tropical rainforests?

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Describe the characteristics of the tropical rainforest

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How does the nutrient cycle work in the tropical rainforest? Why is it important?

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How is the rainforest under threat by human activity? What impacts could this have?

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How can we sustainably manage the rainforest ecosystem?

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**CASE STUDY: SEMI ARID ECOSYSTEMS (SAVANNA)**

Where in the world do we find semi-arid ecosystems?

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Describe the characteristics of the semi-arid ecosystem

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How does vegetation adapt to the hot, dry climate? Include a named example.

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How is the semi-arid ecosystem under threat by human activity? What impacts could this have?

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How can we sustainably manage the semi-arid ecosystem?

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**CASE STUDY: MARINE POWER**

How is the marine environment used for energy production?

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Explain the aims of the Swansea Bay Tidal Lagoon project.

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**DEVELOPMENT AND RESOURCE ISSUES**

GLOBAL INEQUALITIES

What is Gross National Income (GNI)?

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Define these following indictors of development:

**Birth rate**

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**Death rate**

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**Fertility rate**

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**People per Doctor**

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**Literacy rate**

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**Infant mortality rate**

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What is a multi-national company?

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What is globalisation?

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**CASE STUDY: NIKE**

Why does Nike outsource their work?

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Complete the table to highlight the advantages and disadvantages of multi-national companies like Nike:

|  |  |
| --- | --- |
| **ADVANTAGES** | **DISADVANTAGES** |
|  |  |

Explain the economic, social and environmental impacts of rapid growth in NICs:

|  |  |  |
| --- | --- | --- |
| **ECONOMIC** | **SOCIAL** | **ENVIRONMENTAL** |
|  |  |  |

What is free trade?

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Why can trade aid a country’s development?

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How can trade create global inequality?

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Why can tourism be beneficial to a country?

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Why can tourism be problematic to a country?

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What are the Millennium Development Goals (MDG)?

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What is bilateral aid?

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What is multi-lateral aid?

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What is emergency aid?

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**CASE STUDY: MALAWI**

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| **PROBLEMS** | **SOLUTIONS** | **EFFECTIVENESS** |
|  |  |  |

What is fair trade?

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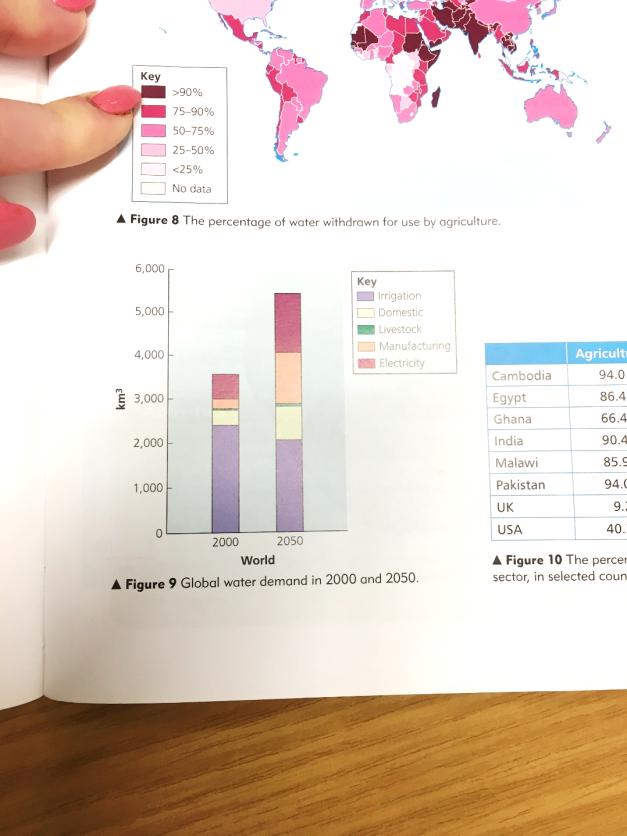
How does the Kuapa Kokoo co-operative help cocoa farmers in Ghana?

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WATER RESOURCES AND THEIR MANAGEMENT

What is a water footprint?

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Use the data in the graph, and compare global water use in 2000 and 2050.

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What is water security?

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What is relief rainfall? How does it work?

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**CASE STUDY: LESOTHO HIGHLANDS WATER PROJECT (LHWP)**

What is the LHWP?

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| **ADVANTAGES OF LHWP** | **DISADVANTAGES OF LHWP** |
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How can rainwater be harvested sustainably? Give 3 ways and explain how they work.



|  |  |
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| **ADVANTAGES OF FOG HARVESTING** | **DISADVANTAGES OF FOG HARVESTING** |
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What does over-abstraction mean?

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Explain 2 reasons for the over-abstraction of water.

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What is top-down development?

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**CASE STUDY: COCA COLA IN INDIA**

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| --- | --- | --- |
| **SOCIAL IMPACTS** | **ECONOMIC IMPACTS** | **ENVIRONMENTAL IMPACTS** |
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How is coca-cola trying to rectify the problems created by the over-abstraction of water?

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REGIONAL ECONOMIC DEVELOPMENT

What is inequality?

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What is the informal sector?

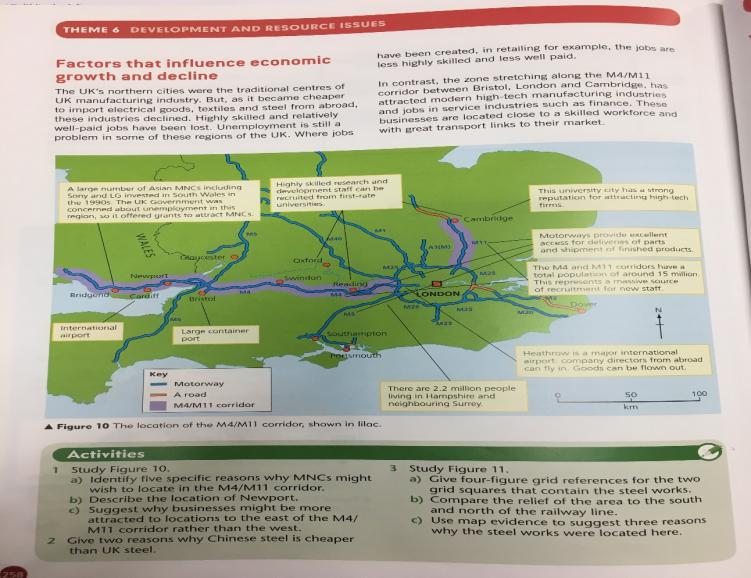
\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Explain the UK’s ‘north-south’ divide.

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Explain why a few, empty shops may lead to others closing.

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Suggest why businesses might be more attracted to locations to the east of the M4/M11 corridor rather than the west.

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Explain two solutions as to how regional inequalities in the UK can be reduced.

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**THEME 7: SOCIAL DEVELOPMENT**

MEASURING SOCIAL DEVELOPMENT

What is social development?

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How is social development measured?

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What is infant mortality rate (IMR)?

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What is average life expectancy?

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Suggest reasons why life expectancy has increased in some countries more than others.

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What is the Human Development Index? How can it help us to understand a country’s development?

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CONTEMPORARY DEVELOPMENT ISSUES

Explain why some poor parents do not send all of their children to primary school.

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Why is child labour an issue?

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Why is it particularly important to improve the education of girls?

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What is an economic migrant?

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What is the difference between a refugee and an asylum seeker?

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Why are people choosing to leave Lebanon?

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Use evidence from the photograph to suggest how living in the ‘Jungle’ in Calais, France, may affect quality of life for migrants.

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**CASE STUDY: MALARIA**

Explain why new cases of malaria are more common at certain times of the year.

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How far do you agree with the following statement: malaria causes poverty more than it being a result of poverty?

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Name and describe 2 strategies used to combat malaria:



**CASE STUDY: WATER INSECURITY IN KANO**

What problems exist in the city of Kano?

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What is the connection between water insecurity and polio in Kano?

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**ENVIRONMENTAL CHALLENGES**

What does ‘ecological footprint’ mean?

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What facotrs will increase a person’s ecological footprint?

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Describe the factors that have led to the destruction of a tropical rainforest that you have studied.

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What is consumerism?

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Explain why one biome that you have studied is being destroyed due to consumerism.

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Destruction of ecosystems is necessary if global indcependence is to continue. How far do you agree with this statement?

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Identify the long and short term impacts of climate change on Tuvalu.

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