

YEAR 10 – OCR A GCSE Geography (9-1)

Paper 1; Living in the UK Today



1. People of the UK

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| 1.1 The UK's major trading partners | ☺ | ☹ | ☹ |
| Define trade | | | |
| Describe who the UK's main trading partners are | | | |
| Describe the UK's main imports and exports | | | |
| 1.2 Diversity in the UK | ☺ | ☹ | ☹ |
| Describe how employment has changed in the UK over the last 25 years | | | |
| Describe and give reasons for the diversity of the UK through patterns of employment, average income, life expectancy, educational attainment, ethnicity and access to broadband | | | |
| 1.3 Development in the UK | ☺ | ☹ | ☹ |
| Describe the patterns of development in the UK. | | | |
| Explain why some places in the UK are more developed than others | | | |
| Give example of infrastructure schemes such as HS2 that aim to overcome the north-south divide | | | |
| Explain the consequences of economic decline and growth on Salford Quays | | | |
| 1.4. The UK's changing population | ☺ | ☹ | ☹ |
| Describe how the population of the UK is measured using the census | | | |
| Describe and explain how the UK's population structure has changed from 1900 to the present day | | | |
| Describe the Demographic Transition Model | | | |
| Explain how the UK's position on the Demographic Transition Model has changed | | | |
| Describe the causes, effects and responses to an ageing population in the UK | | | |
| Define the term immigrant is and identify the types of migration | | | |
| Explain the recent trends in immigration in the UK | | | |
| Explain why people come to the UK | | | |
| Explain the social and economic impacts of migration on the UK | | | |
| 1.5. Urban trends in the UK | ☺ | ☹ | ☹ |
| What are the causes and consequences of suburbanisation in the UK | | | |
| What are the causes and consequences of counter-urbanisation in the UK | | | |
| What are the causes and consequences of re-urbanisation in the UK | | | |
| 1.6. A major city in the UK – Leeds or Birmingham | ☺ | ☹ | ☹ |
| Describe the location of Leeds or Birmingham within its region, the country and wider world | | | |
| Explain how migration has changed the character of the city | | | |
| Explain the challenges of inequality in Leeds or Birmingham | | | |
| Explain the changes that have taken place to Leeds or Birmingham and whether these are successful | | | |
| Explain how HS2 can make Leeds and Birmingham more sustainable | | | |

2. UK Environmental Challenges

| 2.1 Extreme Weather in the UK | 😊 | 😐 | 😞 |
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| Explain how the air masses, the North Atlantic Drift and continentality influence the weather of the UK | | | |
| Explain how air masses cause extreme weather conditions in the UK | | | |
| Describe and explain the causes, effects and responses to the Somerset Level Floods in 2014. | | | |
| 2.2. Resources and UK ecosystems | 😊 | 😐 | 😞 |
| Explain how are the environments and ecosystems used in the UK and how have they been modified by humans – Farming, fishing, Energy, water | | | |
| Explain how has mechanisation in farming allowed us to produce more food | | | |
| Explain how ecosystems and the environment are affected by modern farming methods in the UK | | | |
| Explain how commercial fishing can affect ecosystems and the environment | | | |
| 2.3 Energy Sources in the UK | 😊 | 😐 | 😞 |
| Explain the different types of renewable energy sources and their importance to the UK <ul style="list-style-type: none"> • Biomass • Wind • Hydro (HEP) • Geothermal • Tidal • Wave • Solar | | | |
| Explain the different types of non-renewable energy sources in the UK <ul style="list-style-type: none"> • Coal • Oil and Natural Gas • Nuclear | | | |
| Explain the pros and cons of building new nuclear reactors in the UK | | | |
| Explain how different sources of energy contribute to the energy mix of the UK | | | |
| 2.4 Energy Management in the UK | 😊 | 😐 | 😞 |
| Describe and explain the changing patterns of energy supply and demand in the UK from 1950 to the present | | | |
| Describe and explain the strategies for sustainable use and management of energy at UK national scales <ul style="list-style-type: none"> • Increase contribution of renewable sources • Encourage energy saving and conservation • Develop nuclear energy • Develop carbon capture and storage | | | |
| Describe and explain the strategies for sustainable use and management of energy at local scales <ul style="list-style-type: none"> • Anaerobic digestion, Silloth, Cumbria • Hoathly Hill district heating, West Sussex. | | | |
| Explain the development of renewable energy in the UK and the impacts on people and the environment. <ul style="list-style-type: none"> • Wind Farms • Solar Farms | | | |
| Explain the advantages and disadvantages of fracking in the UK | | | |
| Explain the economic, political and environmental factors affecting the UK's future energy supply | | | |

3. Landscapes of the UK

| 3.1. The physical landscapes of the UK | 😊 | 😐 | 😞 |
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| Describe the distribution of upland, lowland and glaciated landscapes in the UK | | | |
| Explain how the landscape in the UK was formed <ul style="list-style-type: none"> • Explain how geology affects landscape • Explain how climate affects landscapes • Explain how human activity affects landscape | | | |
| 3.2 River Landscapes | 😊 | 😐 | 😞 |
| Describe how a river changes from its source to its mouth | | | |
| Explain how physical processes shape river landscapes <ul style="list-style-type: none"> • Mechanical weathering, Chemical weathering, biological weathering • Mass movement • Erosion – Hydraulic action, attrition, abrasion, solution • Transportation – Traction, Saltation, Suspension, Solution • Deposition | | | |
| Explain how different river features are formed <ul style="list-style-type: none"> • Waterfalls • Gorges • V-shaped valleys • Floodplains • Levees • Meanders • Ox-bow lakes | | | |
| Case study: Describe and explain the different geomorphic processes operate along the River Wye Describe and explain how human activities affect the river’s natural flow – Urbanisation, Agriculture, Industry | | | |
| 3.3 Coastal Landscapes | 😊 | 😐 | 😞 |
| Explain how geomorphic processes shape coastal landscapes <ul style="list-style-type: none"> • Mechanical wreathing • Chemical weathering • Biological weathering • Mass movement • Erosion – Abrasion, Hydraulic action, solution. • Transportation – Longshore drift • Deposition - Beaches | | | |
| Explain the formation of erosional coastal landforms <ul style="list-style-type: none"> • Headlands and bays, • Arches and stacks. | | | |
| Explain the formation of depositional coastal landforms – Beaches and spits | | | |
| Case Study; Describe and explain how human activity, including management, affect the geomorphic processes working on the North Norfolk coastline | | | |
| Explain how sea defence systems such as rip-rap barriers, sea walls, gabions and groynes work. | | | |