

YEAR 10 – OCR A GCSE Geography (9-1)

Paper 1; Living in the UK Today



1. People of the UK

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	😊	😐	😞
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	😊	😐	😞
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.			