**Huxlow Academy Geography Department**

**OCR A GCSE Geography (9-1) Paper 1: Living in the UK Today Retrieval Booklet**

**Summer 2023**

Use the Revision sheets (on Go4Schools) to help you recall information from Paper 1 and answer the questions contained in this booklet.

**Contents:**

1. Unit 1: Landscapes of the UK
2. Unit 2: People of the UK
3. Unit 3: UK Environmental Challenges

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| **Retrieval Questions Landscapes of the UK** | |
| **Key idea 1 - The physical landscapes of the UK have distinctive characteristics:** | **Responses** |
| Describe the **Distribution** of **Lowland, Upland and Glaciated landscapes.** |  |
| **Key idea 2 - Characteristics of these landscapes:** |  |
| Describe the **Geology, Climate & Human Activity of Upland, Lowland and Glaciated areas** | |  |  |  |  | | --- | --- | --- | --- | |  | Upland | Lowland | Glaciated | | Geology |  |  |  | | Climate |  |  |  | | Human activity |  |  |  | |
| **Key idea 3 - Geomorphic processes create distinctive landscapes** |  |
| **Describe** and **explain** the 3 types of **Weathering: Mechanical, Chemical& Biological** | |  |  |  | | --- | --- | --- | | Mechanical | Chemical | Biological | | Describe | Describe | Describe | | Explain | Explain | Explain | |
| **Describe** the difference between 2 types of **Mass Movement – Sliding and Slumping use diagrams** | |  |  | | --- | --- | | Slumping | Sliding | |  |  | |
| **Explain** why **Sliding and Slumping occur** |  |
| **Describe** what **Erosion** is and how the processes of erosion operate: **Abrasion, Hydraulic Action, Attrition & Solution** | |  |  |  |  | | --- | --- | --- | --- | | Erosion means……… | | | | | Methods of Erosion | | | | | Abrasion | Hydraulic action | Attrition | Solution | |  |  |  |  | |
| **Describe** what **Transportation** is and how the processes of **Transportation** operate: **Traction, saltation, Suspension & Solution** | |  |  |  |  | | --- | --- | --- | --- | | Transportation means……… | | | | | Methods of Transportation | | | | | Traction | Saltation | Suspension | Solution | |  |  |  |  | |
| **What is Deposition** is and how does it work? |  |
| **In Purple pen**  **Using these key areas, which area have you identified that you need to improve upon and why? – Knowledge not revising, misunderstanding etc…**  **Retrieval Questions Landscapes of the UK** | |
| **Key idea 4**  **How rivers create landforms that change from source mouth in a drainage basin** |  |
| **Describe** and **explain** how a **Waterfall** forms using diagrams |  |
| **Describe** and **explain** how a **Gorge** forms using diagrams |  |
| **Describe** and **explain** how an **Ox–Bow** lake forms using diagrams |  |
| **Describe** and **explain** how a **Levee** forms using diagrams |  |
| **Key idea 5**  **Landforms within the Coastal landscape** |  |
| **Describe** and **explain** how a **Headland** and **Bay** form using diagrams |  |
| **Describe** and **explain** how a **Cave, Arch, Stack & Stump form at a Headland using diagram** |  |
| **Describe** and **explain** how a **Spit** forms using diagrams |  |
| **Key idea 6 – *Case Studies***  **Landscapes are dynamic and differ depending on their Geology, Climate & Human activity** |  |
| **UK River Basin – For a named UK river basin you have studied** |  |
| **Describe** and **explain** how **geomorphic processes** operate at **different scales,** being **influenced by Geology and Climate** |  |
| List the key landform features associated with the case study |  |
| **Describe** and **explain** how human activity, including management, works in combination with geomorphic processes to impact the landscape |  |
| **UK Coastal landscape – For a named stretch of coastline you have studied** |  |
| **Describe** and **explain** how **geomorphic processes** operate at **different scales,** being **influenced by Geology and Climate** |  |
| **Describe** the landform features associated with the case study |  |
| **Describe** and **explain** how human activity, including management, works in combination with geomorphic processes to impact the landscape |  |
| **In Purple pen**  **Using these key areas which area have you identifed that you need to improve upon and why? – Knowledge not revising, misunderstanding etc…** | |

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| Key ideas and content | **Retrieval Questions: People of the UK** |
| **Key idea 1 – The UK is connected to many other countries and places** |  |
| **Describe** what the word **trade** means |  |
| **Describe** who the UK trades with ***(Our major trading partners)* EU - Especially Germany, France & USA, China etc.** |  |
| **Describe** what the words Imports and Export means means |  |
| **Describe** what the UK’s main **exports are** and who we **export to** |  |
| **Describe** what the UK’s main **imports are** and who we **import from** |  |
| **Key idea 2 – The UK is a diverse and unequal society which has Geographical patterns** |  |
| **Describe and explain** UK patterns of:  **Employment, Average Income, Life expectancy, Educational attainment, Ethnicity and Access to broadband** |  |
| **Key idea 3 – There are different *causes and consequences* of development in the UK** |  |
| **Describe** the uneven level of development in the UK -**Location – North / South divide – South East wealth** |  |
| **Describe** the uneven level of development in the UK –  **Economic change** |  |
| **Describe** the uneven level of development in the UK –  **Government policy** |  |
| **Key idea 4 – The UK’s Population is changing** |  |
| What is the **Demographic Transition model** (DTM)? | **A picture containing text, screenshot, diagram, plot  Description automatically generated** |
| **Describe** the **UK population 1900 to present day** |  |
| **Use the DTM** and place the UK on different stages at different times from 1900 onwards |  |
| **Describe and explain** the **causes of an Ageing population** |  |
| **Describe and explain** the **effects of an Ageing population** |  |
| **Describe and explain** the **responses to an Ageing population** |  |
| What is **immigration** ? |  |
| What are **Push and Pull factors?** |  |
| **Describe** **flows** of **immigration** into the UK in the 21st Century (2000 onwards) – **EU migrants & Refugees** |  |
| **Discuss** the **positive** and **negative** **Social** and **Economic** aspects of this immigration | **Social Economic** |
| **Key idea 5 – There are causes for and consequences of Urban trends in the UK** |  |
| **What is Suburbanisation?** |  |
| **Describe and explain** the **causes of Suburbanisation** |  |
| **Describe** the **Social** aspects of **Suburbanisation** |  |
| **Describe** the **Economic** aspects of **Suburbanisation** |  |
| **Describe** the **Environmental** aspects of **Suburbanisation** |  |
| **What is Counter urbanisation?** |  |
| **Describe and explain** the **causes of Counter urbanisation** |  |
| **Describe** the **Social** aspects of **Counter** **urbanisation** |  |
| **Describe** the **Economic** aspects of **Counter urbanisation** |  |
| **Describe** the **Environmental** aspects of **Counter urbanisation** |  |
| **What is Re urbanisation ?** |  |
| **Describe and explain** the **causes of Re urbanisation** |  |
| **Describe and explain** the **causes of Re urbanisation** |  |
| **Describe** the **Social** aspects of **Re urbanisation** |  |
| **Describe** the **Economic** aspects of **Re urbanisation** |  |
| ***CASE STUDY - LEEDS*** |  |
| **Describe and explain** the **influence** of **Leeds** within the **West Yorkshire region** |  |
| **Describe and explain** the **influence** of **Leeds** within the **UK** |  |
| **Describe and explain** the **influence** of **Leeds** within the **Wider world** |  |
| **Describe and explain** the impact of **national migration** on Leeds growth and character |  |
| **Describe and explain** the impact of **international migration** on Leeds growth and character |  |
| **Describe and explain** the **way of life** in Leeds including **Culture** |  |
| **Describe and explain** the **way of life** in Leeds including **Ethnicity** |  |
| **Describe and explain** the **way of life** in Leeds including **Housing** |  |
| **Describe and explain** the **way of life** in Leeds including **Leisure** |  |
| I can **describe and explain** the **way of life** in Leeds including **Consumption** |  |
| I can **describe and explain** the **challenges** facing Leeds including **Housing availability** |  |
| I can **describe and explain** the **challenges** facing Leeds including **Transport provision** |  |
| I can **describe and explain** the **challenges** facing Leeds including **Waste management** |  |
| **Leeds South Bank a Sustainable development** |  |

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| **Retrieval Questions: UK Environmental Challenges** | |
| **Key idea 1 – The UK has a unique climate for its latitude which can create extreme weather conditions** | Responses |
| What is an **air mass?** |  |
| What is the **North Atlantic drift and where is it?** | A map of the world  Description automatically generated |
| **Describe and explain** how land and water heat up and cool down |  |
| **Describe and explain** how **Air masses, the North Atlantic drift and land mass influence weather in the UK** |  |
| What is **precipitation?** |  |
| **Describe and explain** how air masses cause **extremes of Wind** in the UK |  |
| **Describe and explain** how air masses cause **extremes of Precipitation** in the UK |  |
| **Describe and explain** how air masses cause **extremes of Temperature** in the UK |  |
| **Key idea 2 – Extreme flood hazard events are becoming more common place in the UK** | |
| **CASE STUDY – Flood event – Caused by extreme weather *Somerset levels*** | |
| Where are the **Somerset levels?**  **Mark them on with an X**  **And then say why the landscape is unique.** | A map of the united kingdom  Description automatically generated with medium confidence |
| **Describe** the **Physical and Human causes** of the event | |  |  | | --- | --- | | Physical causes of the Somerset levels flood event of January 2014 | Human causes of the Somerset levels flood event of January2014 | |  |  | |
| **Describe** and **explain** the effects of the flood upon the **Social (People), Economic (Money) and Environmental (the Landscape) aspects** | |  |  |  | | --- | --- | --- | | Social | Economic | Environmental | |  |  |  | |
| **Describe** and **explain** the **responses and management** to the flood event  What did they do initially and what ddi they do to stop it happening again in the future? |  |
| **In Purple pen**  **Using these key areas which area have you identifed that you need to improve upon and why? – Knowledge not revising, misunderstanding etc…** | |
| **Key idea 3 - Humans use, modify and change ecosystems and environments to obtain Food, Energy and Water** | |
| What is an **ecosystem?** |  |
| **Explain** how the environment / ecosystems are modified / changed by **Wind Farms to provide energy** | A picture containing generator, windmill, outdoor, device  Description automatically generated |
| **Explain** how the environment / ecosystems are modified / changed by **Fracking to provide energy** | A diagram of a fracking process  Description automatically generated with medium confidence |
| Explain how the environment / ecosystems are modified / changed by **reservoirs and water transfer schemes** to provide **drinking water** | A picture containing scene, dam, outdoor, water  Description automatically generated |
| **Explain** how the environment / ecosystems are modified / changed by **the mechanisation of farming to produce food** | A tractor in a field  Description automatically generated with low confidence |
| **Explain** how the environment / ecosystems are modified / changed by **commercial fishing to produce food** | A group of fishing boats in the water  Description automatically generated with medium confidence A large group of fish in the water  Description automatically generated with low confidence |
| **Key idea 4 – There are a range of energy sources available to the UK** | |
| What **renewable energy resources?**  **Name some** |  |
| What **are non - renewable energy resources?**  **Name some** |  |
| What is the **energy mix?** |  |
| **Describe and explain the contribution of renewable and non-renewable energy sources to energy supply in the UK** | A picture containing text, screenshot, diagram, line  Description automatically generated |
| **Key idea 5 – Energy in the UK is affected by a number of factors and requires careful management and consideration of future supplies** | |
| What is **energy demand?** |  |
| What is **energy supply** ? |  |
| **Describe and explain** the **change in patterns in energy demand and supply from the 1950’s to present day caused by Government decisions** |  |
| **Describe and explain** the **change in patterns in energy demand and supply from the 1950’s to present day caused by International organisations** |  |
| What does the word **sustainable** mean? |  |
| **Describe and explain** strategies for **sustainable energy use**  Anaerobic digestion Silloth Cumbria  A picture containing text, font, screenshot, graphics  Description automatically generated  Carbon capture and and storage  Image result for carbon capture and storage diagram" | |
| **Describe and explain** these strategies and their **management** at a **local** and **national** level and describe their level of **success** | |
| **Describe and explain** the **development of renewable energy in the UK** | |
| **Describe and explain** why **renewable energy should contribute to the UK’s energy supply** | |
| **Describe and explain** the **Economic, Political and Environmental factors affecting UK energy supply in the future**   |  |  |  | | --- | --- | --- | | **Economic** | **Political** | **Environmental** | |  |  |  | | |
| **In Purple pen**  **Using these key areas which area have you identified that you need to improve upon and why? – Knowledge not revising, misunderstanding etc…** | |