

GCSE Geography

Unit 1 Checklist



GEOGRAPHY

Name:.....

Class:.....

Teacher:.....

Theme 1 - Landscapes and Physical Processes

Content	Complete?	How confident am I with the knowledge & content?			Focus for Revision ?
		Red (Not confident)	Amber (Getting there)	Green (Confident)	
Key Idea 1.1 - Distinctive Landscapes in Wales					
<i>Key Question 1.1.1 What makes landscapes distinctive in Wales?</i>					
Main types of landscapes in Wales and their distribution.					
Factors that make Welsh landscapes distinctive (e.g. land use, culture, geology, vegetation)					
Case Study - Distinctive Landscape (Glamorgan Heritage Coast)					
<i>Key Question 1.1.2: How are physical landscapes in Wales affected by human activity?</i>					
Honeypot sites and Carrying capacity					
Positives and negatives of visitor pressure on distinctive landscapes (Brecon Beacons Case Study)					
<i>Key Question 1.1.3: How can landscapes in Wales be managed?</i>					
Strategies to manage landscapes in Wales (Brecon Beacons Case Study)					
Key Idea 1.2: Landform Processes and Change.					
<i>Key Question 1.2.1 How do the processes work together to create landform features at different scales in river and coastal landscapes in Wales.</i>					
Long profile of the river					
River processes of erosion, Transportation and deposition					
Formation of V-shaped valleys					
Formation of waterfalls, gorges and plunge pools					
Formation of meanders					
Formation of floodplains and Levees					
Coastal processes of erosion and wave types					

Process of long-shore drift and spit formation					
Formation of headlands and bays					
Cliff Retreat, wave-cut notches and wave-cut platforms					
Formation of caves, arches, stacks and stumps					
Different types of weathering and mass movement					
<i>Key Question 1.2.2: What factors affect the rates of landform change in river and coastal landscapes in the UK?</i>					
Factors that affect rates of erosion and landform change (Rivers and Coasts) - geology, climate, human activity.					
Key Idea 1.3: Drainage basins of Wales and the UK					
<i>Key Question 1.3.1: What physical processes affect stores and flows in the UK drainage basins?</i>					
Flows and stores of the drainage basin (& their inter-relationships)					
<i>Key Question 1.3.2: Why do rivers in the UK flood?</i>					
Human and physical factors that affect river regimes/cause flooding					
Describe and explain Hydrographs					
Flooding Case Study (Boscastle)					
<i>Key Question 1.3.3: What are the current and future management approaches to the problem of flooding in the UK?</i>					
Hard and soft engineering strategies for river management					

Theme 2 - Rural-Urban Links

Content	Complete?	How confident am I with the knowledge & content?			Focus for Revision ?
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Key Idea: 2.1.1 The Rural-Urban Continuum in Wales.					
<i>Key Question 2.1.1: How are rural and urban areas in Wales linked?</i>					
Population distribution of Wales (Sparsely and Densely Populated)					
The Rural-Urban Continuum					
Sphere of Influence (retail and urban services)					
What is Counter-Urbanisation?					
The impacts of Counter-Urbanisation on rural areas					
Patterns of commuting and transport issues in Wales					
<i>Key Question 2.1.2: How are rural areas in Wales changing?</i>					
Causes and effects of rural deprivation					
How rural areas are changing (including rural depopulation and cycle of deprivation)					
Strategies to create sustainable rural communities.					
Key Idea 1.2: Population and Urban Change					
<i>Key Question 2.2.1: What are the causes and consequences of population change in the UK?</i>					
Describe and explain population pyramids					
Economic, social and political factors causing population change in the UK					
Causes and effects of migration into the UK					
Causes, effects and responses to an ageing population.					

Causes and solutions to the UK's housing shortage (including Garden Cities)					
<i>Key Question 2.2.2: What are some of the contemporary challenges facing UK towns and cities?</i>					
Brownfield developments (Cardiff Bay)					
Greenfield developments (Newcastle Great Park)					
Understanding Egan's Wheel					
<i>Key Question 2.2.2. How and why is retailing changing in the UK?</i>					
Economic, cultural and technological factors that have led to changes in retail					
Costs and benefits of out-of-town retail and internet shopping					
Strategies for a sustainable high-street (CBD)					
Key Idea 2.3: Urban issues in contrasting global cities					
<i>Key Question 2.3.1 What are the global patterns of urbanisation?</i>					
Patterns of global cities and urbanisation (including change over time)					
Comparison of two global cities and the challenges they face: Mumbai (NIC), Cardiff (HIC)					
Push and pull factors for rural-to-urban migration					
How are global cities connected?					

Theme 3 - Tectonic Processes and Hazards

Content	Complete?	How confident am I with the knowledge & content?			Focus for Revision ?
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Key Idea 3.1 Tectonic Processes and Landforms					
<i>Key Question 3.1.1 How do tectonic processes work together to create landforms features at different scales?</i>					
Tectonic Processes (Convection, Subduction, Divergence) and Plate Boundaries.					
Global distribution of earthquakes and volcanoes					
Formation of Rift Valleys and Ocean Trenches					
Hotspot Volcanoes					
Large Tectonic Features (Shield vs. Stratovolcanoes & Calderas)					
Small Tectonic Features (cinder cones, lava tubes & geysers)					
Key Idea 3.2 Vulnerability and Hazard Reduction					
<i>Key Question 3.2.1 What are the impacts of tectonic processes?</i>					
Factors that increase vulnerability to tectonic hazards					
Volcanic Hazards (Pyroclastic flows, lava flows, lahars & ash clouds)					
Impacts of Volcanoes (Case Study)					
Impacts of Earthquakes (Case Study)					
Impacts of Tsunami (Case Study)					
<i>Key Question 3.2.2 How might the risks associated with tectonic hazards be reduced?</i>					
Reducing the impacts of volcanoes (Prediction, Planning, Protection)					
Reducing the impacts of earthquakes (Prediction, Planning, Protection)					
Why do people live near volcanoes?					



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