

GCSE Geography

Unit 2 Checklist



GEOGRAPHY

Name:.....

Class:.....

Teacher:.....

Theme 5 - Weather, Climate and Ecosystems

Content	Complete?	How confident am I with the knowledge & content?			Focus for Revision ?
		Red (Not confident)	Amber (Getting there)	Green (Confident)	
Key Idea 5.1: Climate Change during the Quaternary Period					
<i>Key Question 5.1.1: What is the evidence of climate change?</i>					
Fluctuation in global average temperatures over the last 2.6 million years (glacial and inter-glacial periods)					
Evidence of Climate Change (including CO2 and ice Cores)					
<i>Key Question 5.1.2: What are the causes of Climate Change?</i>					
The Carbon Cycle					
The Greenhouse Effect (Natural)					
How humans are having an impact on the Greenhouse Effect					
Natural causes of climate change e.g. Volcanic Eruptions.					
Key Idea 5.2: Weather patterns and processes					
<i>Key Question 5.2.1: What are the causes and consequences of two weather hazards?</i>					
Tri-cellular Model					
High and Low Pressure Weather Systems					
Tropical Storms (+ case study on impacts)					
Drought (+ case study on impacts)					
<i>Key Question 5.2.2: What factors create variations in the weather and climate at different scales in the UK?</i>					
Difference between weather and climate					
Impact of latitude, altitude and ocean currents on temperature and precipitation in the UK					
Weather conditions of high and low-pressure systems in the UK					
Microclimates					
Key Idea 5.3: Processes and Interactions within Ecosystems					

Key Question 5.3.1: Where are large scale ecosystems found?

Ecosystems and Biomes					
Location of world biomes and global climate patterns					

Key Question 5.3.2 What are the key processes of ecosystems at different scales?

Rainforest Cycles					
Tundra Cycles					
Ecosystem Services					
Key Features of a small-scale ecosystem in Wales (Sand dunes)					

Key Idea 5.4 Human Activity and ecosystem processes

Key Question 5.4.1: How do people use ecosystems and environments?

Human use of ecosystems					
-------------------------	--	--	--	--	--

Key Question 5.4.2: How do human activities modify processes and interactions within ecosystems?

Impact of human activity on the Tropical Rainforest					
Impact of human activity on the Tundra					

Key Question 5.4.3: How can ecosystems be managed sustainably?

Sustainable management of ecosystems (e.g. zoning, agro-forestry and wildlife corridors)					
--	--	--	--	--	--

GEOGRAPHY

Theme 6 - Development and Resource Issues

Content	Complete?	How confident am I with the knowledge & content?			Focus for Revision ?
		Red (Not confident)	Amber (Getting there)	Green (Confident)	
Key Idea 6.1: Measuring global inequalities					
<i>Key Question 6.1.1: How is economic development measured and what are contemporary global patterns?</i>					
Indicators of Development (economic)					
Uneven patterns of development and the 'development gap'					
Key Idea 6.2: Causes and consequences of uneven development at the global scale and with one LIC and one NIC.					
<i>Key Question 6.2.1: What are the causes and consequences of uneven development at the global scale?</i>					
Causes and Consequences of Uneven Development					
Globalisation					
Tourism					
<i>Key Question 6.2.2: What are the response to uneven development on the global scale?</i>					
Responses to Uneven Development (Global Scale)					
Different Types of Aid					
Top Down vs Bottom Up Approaches to Aid/Development					
Fair Trade					
Sustainable Development Goals					
Key Idea 6.3 Water resources and their management					
<i>Key Question 6.3.1 How and why is the demand for water changing?</i>					
Global trends in water consumption					
Water footprints and water security					
<i>Key Question 6.3.1: Are water resources being managed sustainable?</i>					
Strategies for managing water supply					
Water management project - international scale (Case Study)					

Water management project - local scale (Case Study)					
Over-abstraction of groundwater					
Key Idea 6.4: Regional Economic Development					
<i>Key Question 6.4.1: What are the causes and consequences of regional patterns of economic development in one economically developed country?</i>					
Inequality in India					
<i>Key Question 6.4.2: What are the causes and consequences of regional patterns of economic development in the UK?</i>					
The North-South Divide					
Causes and Consequences of Inequality in the UK					
<i>Key Question 6.4.3: How can regional inequalities in the UK be reduced?</i>					
Tackling regional inequalities					



GEOGRAPHY

Theme 8 - Environmental Challenges

Content	Complete?	How confident am I with the knowledge & content?			Focus for Revision ?
		Red (Not confident)	Amber (Getting there)	Green (Confident)	
Key Idea 8.1: Consumerism and its impact on the environment					
<i>Key Question 8.1.1: What are the impacts of greater consumer choice on the global environment</i>					
Consumerism					
Ecological footprint					
Impacts of Consumerism					
Tropical Rainforest case study					
Mangrove Forests case study					
<i>Key Question 8.1.2: How many climate change affect people and the environment and how can technology be used and people's lifestyles changed to reduce these impacts?</i>					
Short and long-term effects of climate change on people, economy and the environment					
Effects of Climate Change - UK					
Effects of Climate Change - Tuvalu					
Responses to Climate Change (Individual, Local, National, International, including new technologies)					
Key Idea 8.2: Management of Ecosystems					
<i>Key Question 8.2.1: How can damaged environments and natural habitats be managed and restored?</i>					
Tropical Rainforest Management					
Savannah Management					
Wetland Restoration					
Sustainable Tourism (eco-tourism, ethical tourism & responsible travel)					