Curriculum Map

Subject: KS5 Geography (<u>A Level Edexcel 2016 Specification</u>) Year: 12



| | Autumn Term 1 | Autumn Term 2 | Spring Term 1 | Spring Term 2 | Summer Term 1 | Summer Term 2 | | | |
|------------------|--|--|---|---|-------------------|---|--|--|--|
| Content | Topic 1: Tectonic Processes and Hazards PHYSICAL | | Topic 2B: Coastal Landscapes and Change PHYSICAL | | Year 12 Revision | A Level Mock Examination | | | |
| | Topic 3: Globalisation HUMAN | | Topic 4A Regenerating Places HUMAN | | A Level Fieldtrip | NEA Coursework | | | |
| Knowledge | Topic 1: The global distribution of tectonic hazards, tectonic processes, the relationship between hazards, vulnerability, resilience and disaster, tectonic hazard profiles, tectonic disasters, tectonic hazard mitigation and adaptation strategies Topic 3: Causes of globalisation, international political and economic organisations, degree of globalisation, global shift, the influence of migration, global culture, global income inequality, | | Topic 2B: Littoral zone, concordant and discordant coasts, coastal morphology, bedrock lithology, differential erosion, sediment transportation and deposition, subaerial processes, sea level changes, coastal recession, coastal flooding, coastal management Topic 4A: Classification of economies, change of function and characteristics over time, economic and social inequalities, stakeholder perceptions of an area, regeneration, assessing the | | | | | | |
| | social, political, environmental ter | nsions | success of regeneration (urban / rural) | | | | | | |
| Skills | Analysis of hazard distribution patterns on world and regional scale maps, use of correlation techniques to analyse links between magnitude of events, deaths and damage. statistical analysis of contrasting events of similar magnitude to compare deaths and damage, use of Geographic Information Systems (GIS) to identify hazard risk zones and degree of risk related to physical and human geographical features, using measures of central tendency to classify waves into destructive and constructive wave types, using student t-test to investigate changes in pebble size and shape along a drift aligned beach and also across the littoral zone to above the storm beach, map and aerial interpretation of distinctive landforms indicating past of sea level change, ranking and scaling data to create indices, use of proportional flow arrows to show global movement of migrants from source to host areas, critical use of World Bank and United Nations (UN) data sets to analyse trends in human and economic development, plotting Lorenz curves and calculating the Gini Coefficient, use of Index of Multiple Deprivation (IMD) database to understand variations in levels and types of deprivation, testing of the strength of relationships through the use of scatter graphs and Spearman's rank correlation. | | | | | | | | |
| Key Questions | Topic 1 Why are some locations more at risk from tectonic hazards? Why do some tectonic hazards develop into disasters? How successful is the management of tectonic hazards and disasters? Topic 3 What are the causes of globalisation and why has it accelerated in recent decades? What are the impacts of globalisation for countries, different groups of people and cultures and the physical environment? What are the consequences of globalisation for global development and the physical environment and how should different players respond to its challenges? | | Topic 2B Why are coastal landscapes different and what processes cause these differences? How do characteristic coastal landforms contribute to coastal landscapes? How do coastal erosion and sea level change alter the physical characteristics of coastlines and increase risks? How can coastlines be managed to meet the needs of all players? Topic 4A How and why do places vary? Why might regeneration be needed? How is regeneration managed? How successful is regeneration? | | | | | | |
| Assessment | Topic 1 Assessment A Level Exam Questions | Topic 3 Assessment A Level Exam Questions | Topic 2B Assessment A Level Exam Questions | Topic 4A Assessment A Level Exam Questions | | Paper 1 (9GE0/01) Topic 1, 2A Paper 2 (9GE0/02) Topic 3, 4A | | | |

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Curriculum Map

Subject: KS5 Geography (<u>A Level Edexcel 2016 Specification</u>) Year: 13



| | Autumn Term 1 | Autumn Term 2 | Spring Term 1 | Spring Term 2 | Summer Term 1 | Summer Term 2 | | | |
|------------------|--|--|---|---|---|-----------------------|--|--|--|
| Content | Topic 5: The Water Cycle and Water Insecurity PHYSICAL | | Topic 6: The Carbon Cycle and Energy Security PHYSICAL | | Year 12 & 13 Revision | A Level Examination | | | |
| | Topic 7: Superpowers HUMAN | | Topic 8B: Migration, Identity and Sovereignty HUMAN | | | | | | |
| Knowledge | Topic 5: Global hydrological cycle, drainage basin, river systems at a local scale, deficits within the hydrological cycle, surplus within the hydrological cycle, climate change impact, physical and human causes of water insecurity and its impacts, management Topic 7: Geopolitics, characteristics of superpowers, Uni-, Bi- or Multi-polar, varying emerging powers, impact on the global economic system, impact on environmental management, contestation of global influence, impact on developing nations | | Topic 6: Global carbon storage, carbon sequestration, sustainaining a balanced carbon cycle, energy security, renewable / non-renewable energy, carbon and water cycle linkage to the global climate system, degradation of the water and carbon cycles Topic 8B: Impact of globalisation on internal and overseas migration, causes of migration, mixed consequences of migration, nation states, nationalism, deregulation, impacts of global organisations on managing global issues and conflicts | | | | | | |
| Skills | Using comparative data, labelling of features of storm hydrographs, use of large databases to study the pattern and trends in floods and droughts worldwide, use of global maps to analyse world water stress and scarcity, use of proportional flow diagrams showing carbon fluxes, use of maps showing global temperature and precipitation distribution, analysis of maps showing global energy trade and flows, analysis of climate model maps to identify areas at most risk from water shortages, floods in the future, mapping past, present and future sphere of influence and alliances using world maps, plotting the changing location of the world's economic centre of gravity on world maps, use of flow-lines on global maps showing flows, both the direction and number of migrants among global regions, using the Gini coefficient and income/wealth proportions for deciles of the population to describe inequalities within and between nation states. | | | | | | | | |
| Key Questions | Topic 5 What are the processes operating within the hydrological cycle from global to local scale? What factors influence the hydrological system over short- and long-term timescales? How does water insecurity occur and why is it becoming such a global issue for the 21st century? Topic 7 What are superpowers and how have they changed over time? What are the impacts of superpowers on the global economy, political systems and the physical environment? What spheres of influence are contested by superpowers and what are the implications of this? | | Topic 6 How does the carbon cycle operate to maintain planetary health? What are the consequences for people and the environment of our increasing demand for energy? How are the carbon and water cycles linked to the global climate system? Topic 8B What are the impacts of globalisation on international migration? How are nation states defined and how have they evolved in a globalising world? What are the impacts of global organisations on managing global issues and conflicts? What are the threats to national sovereignty in a more globalised world? | | | | | | |
| Assessment | Topic 5 Assessment A Level Exam Questions | Topic 7 Assessment A Level Exam Questions | Topic 6 Assessment A Level Exam Questions A Level Mock Examination Paper 3 (9GE0/03) | Topic 8B Assessment A Level Exam Questions | Paper 1 (9GE0/01) - Topic 1, 2A Paper 2 (9GE0/02) - Topic 2, 4A Paper 3 (9GE0/03) - Synoptic A NEA (9GE0/04) | , 7, 8B 105 marks 30% | | | |

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