Key Stage 4 Overview: Geography Year 9

	Module 1	Module 2	Module 3	Module 4	Module 5	Module 6
Year 9	University Challenge: **Context: Hazardous Earth pt1** • **How does the world's climate system function, why does it change and how can this be hazardous for people?** • **How are extreme weather events increasingly hazardous for people?** Skills: • Use and interpretation of climate graphs • Use and interpretation of line graphs/ bar charts showing climate change • Use and interpretation of temperature and sea-level projection graphs to 2100 • Use of GIS to track the movement of tropical cyclones • Explaining weather and storm-surge data to calculate Saffir-Simpson magnitude • Analysing the use of social media sources, satellite images and socio-economic data to assess impact	University Challenge: **Context: Hazardous Earth pt2** • **Why do the causes and impacts of tectonic activity and management of tectonic hazards vary with location?** Skills: • Interpreting a cross-section of the Earth • Use and interpretation of world map showing the distribution of plate boundaries and plates • Explaining the impact the distribution of plate boundaries and plates have • Comparing magnitudes of earthquake events by using the Richter Scale • Analysing the use of social media sources, satellite images and socio-economic data to assess impact	University Challenge: **Context: Development Dynamics** • **What is the scale of global inequality and how can it be reduced?** • **How is ONE of the world's emerging countries managing to develop?** Skills: • Comparing the relative ranking of countries using single versus composite (indices) development measures • Interpreting population pyramid graphs for countries at different levels of development • Explaining how population has an impact on a country • Analyse global inequality by using income quintiles • Profiling a chosen country by using numerical economic data • Map proportional flow-line maps to visualise trade patterns and flows • Analyse socio-economic data to calculate difference from the mean, for core and periphery regions.	University Challenge: **Context: Challenges of an Urbanising world** • **What are the causes and challenges of rapid urban change?** • **Why does quality of life vary so much within ONE megacity in a developing country** Skills: • Interpretation of line graphs and calculating of rate of change/annual or decadal percentage of growth • Analysing satellite images to identify different land use zones in urban areas • Investigate spatial growth by using GIS/satellite images, historic images and maps • Judging the scale of variations in quality of life by using quantitative and qualitative information	University Challenge: **Context: The UK's evolving physical landscape** • **Why does the physical landscape of the UK vary from place to place?** • **Why is there a variety of distinctive coastal landscapes in the UK and what are the processes that shape them?** • **What are the challenges for coastal landscapes and communities and why is there conflict?** Skills: • Analysing photographs of common glacial, fluvial and coastal landscapes and features • Locating key physical features (uplands, lowland basins, rivers) on outline UK maps • Map skills • Designing questions that are capable of being investigated through fieldwork • Calculating mean rates of erosion using a multi-year data set. Explaining the results • Analysing simple cost-benefit to investigate the impact of policy decision	University Challenge: **Context: The UK's evolving physical landscape** • **Why is there a variety of river landscapes in the UK and what are the processes that shape them?** • **What are the challenges for river landscapes, people and property and how can they be managed?** Skills: • Designing questions that are capable of being investigated through fieldwork • Map skills – cross-section from contour lines • Drawing simple storm hydrographs using rainfall and discharge data • Analysing simple cost-benefit to investigate river management options • Analysing the impact of policy decisions using OS maps and GIS