



Year 10 Syllabus in a nutshell

GEOGRAPHY





Year 10 Syllabus in a nutshell – Geography (AQA)

Topic	Learning Objectives
<i>River Landscapes</i>	<p>To know and understand:</p> <ul style="list-style-type: none"> • How and why the shape of the river valley changes downstream. • The processes (weathering, mass movements, erosion, transport, deposition) happening along a river's course. • The characteristics of landforms resulting from erosion. • The characteristics of landforms resulting from deposition. • The characteristics of landforms resulting from both erosion and deposition. • A case study of a river basin to illustrate the processes operating there and the resulting landforms. • The causes of flooding. • What hydrographs are and the factors affecting them. • How the flood hazard can be managed. • A case study of flood management in the UK.
<i>The UK Economy</i>	<p>To know and understand:</p> <ul style="list-style-type: none"> • The causes of economic change in the UK. • What a 'Post-Industrial Economy' is and how and why the UK is transitioning to it. • The impacts of industrial change on the environment. • A case study of how industrial development has become more sustainable. • How and why rural change is happening and the impacts of it. • How and why transport infrastructure has changed. • The causes of the 'North-South divide' and the strategies used to reduce it. • The place of the UK in the wider world.
<i>The Challenge of Natural Hazards.</i>	<p>To know and understand:</p> <ul style="list-style-type: none"> • What a natural hazard is and how they can be classified. • The factors affecting hazard risk. • Plate tectonic theory. • The distribution of the tectonic activity. • What happens at different plate boundaries. • The hazards associated with Earthquakes and volcanic eruptions. • The strategies to respond to Earthquakes. • Case studies of two contrasting Earthquakes (causes/impacts/response). • Why people live in tectonically active areas. • What the 'Global Circulation Model' is and how it works. • The global distribution of tropical storms. • How tropical storms are formed. • The hazards associated with Tropical Storms. • How Tropical Storms can be measured and impacts of them. • The response to Tropical Storms. • How climate change will affect the distribution of Tropical Storms. • The weather hazards affecting the UK. • An example of a recent 'extreme weather event' to affect the UK.