



Department:	Geography
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**Year 10 Course summary:**

**The following topics will be covered in Year 10:**

**(1) The challenge of natural hazards-** (a) Natural hazards pose major risks to people and property. (b) Earthquakes and volcanic eruptions are the result of physical processes. (c) The effects of, and responses to, a tectonic hazard vary between areas of contrasting levels of wealth. (d) Management can reduce the effects of a tectonic hazard. (e) Global atmospheric circulation helps to determine patterns of weather and climate. (f) Tropical storms (hurricanes, cyclones and typhoons) develop as a result of particular physical conditions. (g) Tropical storms have significant effects on people and the environment. (h) The UK is affected by a number of weather hazards. (i) Climate change is the result of natural and human factors, and has a range of effects. (j) Managing climate change involves both mitigation and adaptation.

**(2) The changing economic world-** (a) There are global variations in economic development and quality of life. (b) Various strategies exist for reducing the global development gap. (c) Some LICs and NEEs are experiencing rapid economic development which leads to significant social, environmental and cultural change. (d) Major changes in the economy of the UK have affected, and will continue to affect, employment patterns and regional growth.

**(3) Cold environments-** (a) Cold environments (polar and tundra) have a range of distinctive characteristics. (b) The development of cold environments creates opportunities and challenges. (c) Cold environments are at risk from economic development.

**(4) Glacial landscapes in the UK-** (a) Ice was a powerful force in shaping the landscape of the UK. (b) Distinctive glacial landforms result from different physical processes. (c) Glaciated upland areas provide opportunities for different economic activities, and management strategies can be used to reduce land use conflicts.

**(5) Human fieldwork-** A fieldtrip to Stratford-upon-Avon will allow the students to investigate (a) Reasons for clustering of land uses in the CBD of Stratford-upon-Avon. (b) Changes in the environmental quality of the town from its CBD to its suburbs. (c) Reasons for different rates of traffic and pedestrian flows in Stratford-upon-Avon.

**IST Assessments:**

Michaelmas 1	Michaelmas 2	Lent 1	Lent 2	Summer 1	Summer 2
Natural Hazards	Managing Resources: Energy	Changing Economic World	Mid-GCSE Exams	Cold Environments	Human Fieldwork