# Geography

Choose an alternate path and continue to understand our place in, and impact on, the world

Go on to university to study Geography or a specific human, physical, or related geography

degree

# **Synoptic Geography** Players, Attitudes, and

**Futures** 

### The Carbon Cycle and Energy Security

Water, Carbon, and the Global Climate System. Consequences of increasing energy demands

# The Water cycle and water

insecurity: Hydrological Cycle & processes. Droughts, Flooding, and Climate Change. Water Insecurity

and the 21st Century













#### **Health, Human Rights and Interventions:** What is human development and why do levels vary from

place to place? How are human rights used as arguments for political and military intervention?

Why some places are more at risk. Hazards Vs

Disasters: Vulnerability and governance. Disaster

on the global economy, political systems and the physical environment. Spheres of influence

Independent fieldwork investigation **Coastal landscapes and Change:** Coastal processes. Coastal Erosion and Sea Level Change.

Coastal Management; managing the coast to meet the



**Tectonic Processes and Hazards:** 







**Globalisation**: Global interdependence & changing opportunities for businesses and people. Inequalities, cultural impacts and patterns of wealth and sustainable solutions.

**Regenerating places**: Economic and social change lead to inequalities. Why are some places economically dynamic & others marginalised. The role of regeneration and rebranding. Regeneration programmes impact variably on people



Forests under threat: Tropical rain forests and the Taiga: processes, interactions and issues related to biodiversity & sustainable use

The UK's evolving physical landscape: Geology

& geomorphological processes resulting in the UKs landscapes. Coasts & Rivers processes



resources: Renewabl e and non-renewable energy, access and energy security issues, its sustainable use and management

Consuming

energy





People and the biosphere: Global biomes and services & why the biosphere is important to human wellbeing

Development

**Dynamics:** Global inequality. Emerging country case study





landscape: Socio- economic and political processes that influence the UKs human landscape. Dynamic UK cities





(tropical cyclones) and tectonic hazards at contrasting



Challenges of an





Hazardous Earth: Global atmospheric circulation systems. Extreme weather hazards

**urbanising world:** Rapid Fieldwork and research on 'River processes and urbanisation and megacities

**Geographical investigations:** 

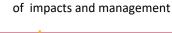
pressures' and 'Dynamic urban areas'



**Country Focus: China** An emerging country

**Emerging Countries** 

Focus on BRICs (except China)



**Volcanoes:** Physical causes, evaluation























**Fieldwork** Coastal processes and

management

**Rivers Processes** and Flooding

Plate Tectonics: Theory and case study examples



**Biomes:** The world's major biomes and their

Climate Change: Causes, evidence and effects, mitigations and adaptations

**Africa:** The contrasting physical geography of the continent



characteristics









Settlement and Local

**Fieldwork** 

Rainforests: Structure, adaptation, nutrient cycle and deforestation

Glaciation: glacial processes, erosional and depositional landforms glaciers in the UK,

**Development:** What is development and how is it measured. Is life the same everywhere?

O. S. Map Skills

My place in the wider world Continents and oceans; what are my connections with the world's continents and on a more local scale, what are the British Isles and my connections.



Weather and Climate

How to use and read maps

geography

💡 Address: Townley Grammar School, Townley Rd, Bexleyheath DA6 7AB



