



**YEAR 11**

**Ecosystems**  
Students will learn that ecosystems exist at a range of scales and involve the interaction between biotic and abiotic components.

**Tropical Rainforest**  
Students will discover that Tropical rainforest ecosystems have a range of distinctive characteristics. Deforestation has economic and environmental impacts. Tropical rainforests need to be managed to be sustainable.

**Urban Issues and Challenges**  
Students will understand a growing percentage of the world's population lives in urban areas. Urban growth creates opportunities and challenges for cities in LICs and NEEs. Urban change in cities in the UK leads to a variety of social, economic and environmental opportunities and challenges. Urban sustainability requires management of resources and transport.

**Resource Management**  
Students will consider how Food, water and energy are fundamental to human development. The changing demand and provision of resources in the UK create opportunities and challenges. Demand for water resources is rising globally but supply can be insecure, which may lead to conflict.

**Issue Evaluation**  
A critical thinking, problem solving and synoptic unit where students demonstrate their geographical skills and applied knowledge.

**Coastal landscapes in the UK**  
The coast is shaped by a number of physical processes. Distinctive coastal landforms are the result of rock type, structure and physical processes. Different management strategies can be used to protect coastlines from the effects of physical processes.

**Hot Deserts**  
Students will discover hot desert ecosystems have a range of distinctive characteristics. Development of hot desert environments creates opportunities and challenges. Areas on the fringe of hot deserts are at risk of desertification.

**River Landscapes in the UK**  
Students will discover that the shape of river valleys changes as rivers flow downstream. Distinctive fluvial landforms result from different physical processes. Different management strategies can be used to protect river landscapes from the effects of flooding.

**Weather Hazards**  
Students will discover that the Global atmospheric circulation helps to determine patterns of weather and climate. Tropical storms develop as a result of particular physical conditions. These tropical storms have significant effects on people and the environment. The UK is also affected by a number of weather hazards, these extreme weather events in the UK have impacts on human activity.

**Climate Change**  
Students will discover that climate change is the result of natural and human factors, and has a range of effects. Students will consider the techniques to managing climate change involves both mitigation and adaptation.

**YEAR 10**

**The Changing Economic World**  
Students will discover that There are global variations in economic development and quality of life. Various strategies exist for reducing the global development gap. Some LICs and NEEs are experiencing rapid economic development which leads to significant social, environmental and cultural change. Major changes in the economy of the UK have affected, and will continue to affect, employment patterns and regional growth.

**Tectonic Hazards**  
Students will discover that earthquakes and volcanic eruptions are the result of physical processes. The effects of, and responses to, a tectonic hazard vary between areas of contrasting levels of wealth. Management can reduce the effects of a tectonic hazard.

**Exploring the Middle East**  
Students will study the physical and human features of the Middle East including the conflicts arising from oil production and the methods they are using to increase sustainability.

**Exploring Rivers**  
Students will study the different geomorphic processes that change the river landscapes in the UK and assess the many impacts that these can have on a variety of groups of people.

**Exploring Fieldwork and Green Skills.**  
Students will design and implement innovative, local climate action projects, combining sustainability education with fieldwork skills to tackle real-world environmental issues.

**Exploring Inequality**  
Students will explore the process of globalisation by examining the interconnected nature of different countries and how this can impact development..

**YEAR 9**

**Exploring Fieldwork**  
Using knowledge from previous topics students will complete a decision making activity. Based on data collected on the land use surrounding the school.

**Exploring Resources**  
Students will explore the increasing demand an increasing population and climate change can have on food, water and energy resources.

**Exploring Hazards**  
Students will develop an understanding of both weather and tectonic hazards studying specific case studies and studying the impacts of these hazards in different parts of the world.

**Exploring Ecosystems**  
Students will explore the different global hot and cold ecosystems looking at, hot and cold deserts, the polar regions and the Tropical Rainforest.

**Exploring Coasts**  
Students will investigate the dynamic coast of the UK looking at the different physical processes that impact the coastline and the features that are created as a result.

**YEAR 8**

**Exploring Climate**  
Students will study the greenhouse effect, and the changes that humans can make to climate. Students will investigate the causes and impacts of climate change.

**Exploring Asia**  
Students will investigate the different human and physical features of the world's largest continent. A study of China's rapid population growth, their differing population policies and economies.

**Exploring Cities**  
Students will understand the global pattern of urbanisation and the challenges and opportunities that a rapidly urbanising world can create.

**Exploring Africa**  
Students will learn that the continent of Africa is one of the most diverse on the planet. Students will investigate the features of Africa and the significance of Kenya and Ghana.

**YEAR 7**

**Exploring Map Skills**  
Students will develop a range of map skills including OS maps. Contour lines, grid references, distance and using maps as evidence.

**Exploring the UK**  
Students will explore the physical and human geography of the UK exploring its unique geographical features. This will include differing weather patterns and the changing population.

**Exploring Fieldwork**  
Students will use their knowledge from the previous topic to measure the micro-climates around school. Students will design and implement an investigation and analyse and conclude on their own results.