YEAR 10 LEARNING JOURNEY INFORMATION

# GEOGRAPHY

## Coasts and rivers

**KNOWLEDGE:** We will begin our GCSE Geography journey by investigating the physical landscapes of the UK. We will explore the processes of erosion, transportation and deposition that shape coastal and river environments, examine the formation of distinctive landforms and consider the challenges they create for people. We will also study the management of coastlines and rivers and evaluate different strategies used to reduce risks such as flooding and coastal erosion.

**SKILL:** We will focus on interpreting maps, photographs and geographical data, explaining physical processes and evaluating the effectiveness of management strategies in different environments.

## Urban issues and challenges

**KNOWLEDGE:** We will learn about urbanisation and the growth of cities around the world. We will investigate opportunities and challenges in major cities, including housing, transportation, economic development and environmental quality. Through UK and international case studies, we will explore how cities can become more sustainable in the future.

**SKILL:** We will focus on analysing urban data, comparing places and evaluating strategies for creating sustainable communities. We will strengthen our use of geographical evidence to support reasoned judgements.

## Living world

**KNOWLEDGE:** We will explore ecosystems and the relationships between living organisms and the environment. We will investigate tropical rainforests and hot desert ecosystems, considering the opportunities and challenges they present. We will examine the importance of biodiversity and evaluate how human activity can threaten or protect fragile environments.

**SKILL:** We will focus on systems thinking, analysing environmental interactions and evaluating approaches to sustainable management. We will develop geographical explanations using a range of evidence.

## Challenge of resource management

**KNOWLEDGE**: We will investigate the increasing demand for food, water and energy resources at local, national and global scales. We will examine the challenges of resource security and explore how countries can manage resources sustainably. Particular attention will be given to water management and the importance of long-term planning for future generations.

**SKILL**: We will focus on interpreting resource data, identifying global patterns and evaluating solutions to resource challenges. We will practice making evidence-based geographical decisions.

## Human fieldwork enquiry

**KNOWLEDGE:** We will investigate the purpose of geographical fieldwork and learn how human geography enquiries are designed and carried out. We will collect, present and analyse data gathered through fieldwork and explore how geographers investigate place, quality of life and urban change.

**SKILL:** We will focus on data collection, presentation, statistical analysis and evaluation. We will develop the enquiry skills required for GCSE examinations and fieldwork questions.

## Physical fieldwork enquiry

**KNOWLEDGE:** We will investigate physical geographical processes through fieldwork. We will collect and analyse data relating to physical environments and explore how geographical theories can be tested through enquiry. We will evaluate the reliability of data and examine how conclusions can be drawn from geographical investigations.

**SKILL:** We will focus on fieldwork methodology, statistical techniques, graphical presentation and evaluation. We will strengthen our ability to draw evidence-based conclusions from geographical investigations.

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