

# Year 10 Geography

**Overview:** *Year 10 students will explore challenges of living with the physical environment and challenges facing urban and rural change. Students will begin to analyse and form judgements on the interlinking issue caused by human interaction with the physical world as well as develop new skills for practical data collection and conduct their own investigation into the physical process of the earth and human environments.*

## Term 1:

In Term 1, students will be investigating the physical features of the UK's landscape; including the relief of the land and the amazing landform features. We will focus on one of two large physical landscapes in the UK; Coasts. We will study sand dunes ecosystem and then move on to look at the processes at work on our coastline and the landforms created by these processes.

Also in Term 1, We will complete our first piece of fieldwork investigations based on physical geography before moving on to learning about the rivers and their valleys. We will be investigating the physical process that happen within the whole course of the river that creates the dramatic landform features like waterfalls and ox-bow lakes. Students will investigate how humans manage these river processes to reduce flooding in urban areas.

## Term 2:

In Term 2, students will be taking a closer look at human geography topics of urban-rural change including concepts such as place, sustainable communities, sphere of influence and the increasing challenges facing both our urban and rural areas. We then move on to investigating two global cities, linked through globalisation issues of trade, finance, migration and media.

Also in Term 2, students will be exploring issues of climate change considering the evidence for and causes of this global challenge, we will then develop a secure understanding of UK weather and climate, before moving on to investigate extreme weather looking at the causes and challenges of managing the impacts of cyclones and drought.

## Term 3:

In term 3, students will explore ecosystems identifying their global distribution and studying examples at a range of scales including larger tropical rainforest and tundra ecosystems plus coral reefs and wetland areas. We will investigate interdependence of all parts of the ecosystem; biodiversity, water, nutrient and carbon cycles, as well as human interactions with, impacts upon and management of these unique and environmentally significant areas.

Also in Term 3, We will explore the issue of consumerism and its impact on the environment, the links between food production and environmental harm, increasing waste generation and the effects of tourism on environments, looking at issues of sustainability. Students will further develop their field work skills needed to investigate human geography. We will learn about different ways to collect evidence to support or disprove our hypothesis and look at different methods of processing and present that information to others.