Year 10 Geography

Overview: *In year 10, students will examine a range of complex issues. They will examine the causes and consequences of global inequalities and deepen their understating of how physical and human factors combine to shape the world as they explore some of the world's fascinating ecosystems and how human activities are leaving them under threat.*

Subject Information

Term 1:

At the start of their GCSE course, Y10 will revisit coastal and river landscapes in the UK, They will explore how natural forces shape the landscape, the threat that these forces can pose to humans and how humans try to manage them. In each case they will examine case studies within the UK to cement their understanding.

In the second half term students will revisit the issues that surround settlement that they began to explore at KS3 on a global scale.. They will develop an understanding of what we mean by urbanisation before studying the issues that opportunities and challenges that urbanisation creates. They will first look at the issues that urbanisation creates in an NEE before comparing what they have learned to more familiar surrounding when they study a city within the UK (a high income country).

Term 2:

When they return after Christmas, students will examine some of the Earth's most dramatic natural hazards. They will start in the first half term by revisiting the complex processes that cause different tectonic hazards and examining why they occur where they do. They will go on to look at two earthquakes that have happened contrasting areas of development and unpick why the impacts and response in these areas are very different.

In the second half term, they will build on their understanding of hazards through exploring climatic hazards. They will build on the basic understanding of climate from KS3 to explore the global climatic systems which determine different climatic conditions in different areas. We will then examine how tropical storms develop , what impacts they can have, and how humans might prepare and respond. Finally students will build on their basic understanding of climate change key stage three to develop a deep understanding of how humans are contributing to global warming and what issues it is creating.

Term 3:

After Easter, students will revisit and extend their knowledge of global development. Students will examine the ways we measure development, investigate the causes and consequences of uneven development, and evaluate the strategies that seek to address the development gap. They will then apply this knowledge and understanding to a case study in which they will investigate a newly emerging economy in great detail, exploring how the country is seeking to develop and what social and environmental issues that causes.

In the final half term before the summer, students will be taken on two fieldtrips. One will go to the coast and one will go to an urban area to examine issues to do with settlement. Through both trips, students will not only get the chance to cement their knowledge of vital elements of the course but they will also work intensively on their geographical skills. Students will use their knowledge and understanding to frae hypotheses, they will then collect data, graph and analyse it in order to test their hypotheses. Finally they will evaluate their whole project.