

# Year 8 Geography

**Overview:** Year 8 builds on the foundations Year 7 created in human and physical geography. The students will continue to extend their knowledge on the Earth's natural process and the distinct ways in which humans create challenging and sustainable impacts for the world's environment. Through the year students will continue to develop important geography skills that will help them become actively involved with our Earth's future.

## Term 1:

In Term 1, as a legacy of curriculum changes, the Y8's will study how the world of work has changed and is continuing to change. We will look at the historical changes in economic activities within the UK, the shift into the service sector and technological, research and scientific economic activities through globalisation.

Also in Term 1, we will be understanding how humans can best manage their resources to create a sustainable Earth. We will be learning how energy can be renewably generated by natural process like the sun, tide, wind and rivers. We will consider the need to shift from traditional fossil fuels to renewable energy sources and why different countries are at different stages in this process.

## Term 2:

In Term 2, we will investigate the natural and man made causes of climate change and investigate the evidence for the impacts and possible ways to mitigate the phenomenon of global warming on a variety of scales.

Also in Term 2, we will develop our understanding of ecosystems and the complex relationships within them. We will investigate how living and non living parts of the tropical rainforest interact to sustain life, balancing the water and carbon cycles and how this balance can be threatened and should be managed.

## Term 3:

In term 3, we will be learning about how a variety of different environments are under threat, including coral reefs, polar regions and our oceans, and investigate ways of conserving these unique natural environments.

Also in Term 3, we will be exploring the key processes, landscape features and human use of rivers within the UK. We will build upon the work from Year 7 looking at erosional processes and use this to support a detailed understanding of the formation of a range of river processes. We will also look at the changing landscape along the length of a major UK river and identify how it influences human activity.