

Year 8 Geography

Overview: Year 8 builds on the foundations of Year 7—using their deep understanding of the UK, students will explore the globe. Students will explore increasingly complicated physical processes and human concepts which shape the world. They will explore the challenges that the physical world poses to humans but also the challenges that humans pose to the the physical environment. As they do so, they will expand their knowledge of place and develop increasingly complex geographical skills.

Term 1:

In the first half term of the year students will use the understanding of erosion, weathering and transportation developed through exploring coasts to explore the more complicated formation and landforms of rivers and river valleys. They the key physical features of river valleys and how they are form as well as learning to draw hydrographs and examining river flooding, what impacts it has and how it can be managed.

Term 2:

In the first half term after Christmas, students will build on their work on the Geography of the UK in year 7 to explore industry. They will learn about what drives the location and site of industries. They will discover the several different categories of industry and think about what countries may have more or less of the industries. Finally they will look at a case study that demonstrates why industries are set up in specific locations and what impact they can have on the area surrounding them.

In the second half term, students will build on their knowledge of industry to examine natural resources and climate change. They will explore what we mean by a natural resource and the different natural resources—both renewable and non-renewable—available for human use. From this they will go onto explore how use of particular resources is driving climate change, what devastating impacts climate change is having and could have, and what we can do about it as individuals and as a world.

Term 3:

In the final term, with climate change and an understanding of sustainability fresh in their minds, year 8 will explore ecosystems and specifically the rainforest. We will start by examining small ecosystems and drawing food chains and webs. We will then examine the earth's major biomes and see how the different climate in different parts of the world leads to the types of animal and plant life that we see on the ground. Finally, we will take a detailed look at rainforests. We will examine the climate and natural wonders of the rainforest before exploring how it is currently being unsustainably exploited in many parts of the world.