



The curriculum for this stage of students' education has been designed to develop an understanding of their physical environment both in the UK and at a global scale. Students will develop an appreciation for how physical processes have shaped the way we live and the need to maintain the delicate balance between human activity and the natural world. The aim is that students develop the ability to interpret and analyse a wide range of data to appreciate the different ways people are affected by physical changes to the environment in order to increase their level of sensitivity to the plight of others.

<p>HALF TERM 1: CHANGING LANDSCAPES OF THE UK STUDENTS MUST KNOW:</p> <ul style="list-style-type: none"> • There are geological variations in the UK. • How physical and human processes work together to make distinctive landscapes incorporating the following skills. <p>HOW THIS WILL BE ASSESSED: A formal assessment of GCSE Knowledge Paper 1 with a focus on data response type questions.</p>	<p>HALF TERM 2: COASTAL LANDSCAPES AND PROCESSES STUDENTS MUST KNOW:</p> <ul style="list-style-type: none"> • How physical processes interact to shape coastal landscapes. • How coastal erosion and deposition create distinctive landforms. • How human activities can lead to changes in coastal landscapes which affect people and the environment. • How distinctive coastal landscapes are the outcome of the interaction between physical and human processes. <p>HOW THIS WILL BE ASSESSED: A formal assessment of GCSE Knowledge Paper 1 with a focus on application of case studies in extended response questions.</p>	<p>HALF TERM 3: RIVER LANDSCAPES AND PROCESSES STUDENTS MUST KNOW:</p> <ul style="list-style-type: none"> • How physical processes interact to shape river landscapes. • How erosion and deposition interacting with geology create distinctive landforms in river landscapes. • How human activities lead to changes in river landscapes. • How distinctive river landscapes are the outcome of the interaction between physical and human processes. <p>HOW THIS WILL BE ASSESSED: A formal assessment of GCSE Knowledge Paper 1 with a focus on interpretation of maps and diagrams.</p>
<p>HALF TERM 4: WEATHER HAZARDS AND CLIMATE CHANGE STUDENTS MUST KNOW:</p> <ul style="list-style-type: none"> • The features of global atmospheric systems and how circulation cells and ocean currents transfer and redistribute heat across the Earth. • How and why climate has change in the past. • The negative effect climate change is having on people and the environment. • UK climate today and how it has changed over the last 1000 years. • The importance of location in the spatial variation in the temperature, wind and rainfall of the UK <p>HOW THIS WILL BE ASSESSED: A formal assessment of GCSE Knowledge Paper 1 with a focus on explaining physical processes, analysing change and application of geographical vocabulary.</p>	<p>HALF TERM 5: WEATHER HAZARDS AND CLIMATE CHANGE STUDENTS MUST KNOW:</p> <ul style="list-style-type: none"> • Tropical cyclones - formation, characteristics, frequency and distribution. • Tropical cyclones - reasons why they are natural weather hazards. • Tropical cyclone - case studies of impacts and responses to a tropical cyclone in a developed and emerging country. • Drought - The physical and human causes of drought and why they are hazardous. • Drought - cases studies of impacts and responses to drought in a developed and developing country. <p>HOW THIS WILL BE ASSESSED: A formal assessment of GCSE Knowledge Paper 1 with a focus on extended writing to evaluate the impact of weather hazards on people in different types of countries.</p>	<p>HALF TERM 6: ECOSYSTEMS, BIODIVERSITY AND MANAGEMENT STUDENTS MUST KNOW:</p> <ul style="list-style-type: none"> • Where the world's major ecosystems located and how they provide resources for people. • Tropical rainforest - characteristics, adaptations, impact of climate change and the goods and services it provides. • The social and economic factors that have led to deforestation in the rainforest and how the rainforest can be managed more sustainably. • Deciduous woodland - characteristics, adaptations, impact of climate change it's goods and services. How human activities have impacted deciduous woodland and how they can be managed more sustainably. <p>HOW THIS WILL BE ASSESSED: A formal assessment of GCSE Knowledge Paper 1 with a focus on interpreting data and numeracy skills.</p>

Embedding this knowledge can be supported at home by using the online resources such as www.s-cool.co.uk/gcse/geography. To consolidate knowledge learnt in lessons, wider reading of newspapers or viewing news reports will further deepen understanding of the impact of changes to our environment, natural hazards and climate change.