

YEAR 9

Topic	Autumn Term <i>Restless Earth</i>	Spring Term <i>Development</i>	Summer Term <i>Sustaining Ecosystems</i>
Powerful Knowledge	<i>We will delve into the Earth's interior and learn about its tectonic plates and their movements, and discover how volcanoes, earthquakes and tsunamis are formed. Students will investigate how earthquakes occur and the effects of the 2010 Haiti and Chile earthquakes to consider the different factors which make some events deadlier than others. Students will find out how the magnitude of an earthquake is measured using the Richter Scale. Students will learn what can be done to reduce the effects of earthquakes and how homes can be made safer in earthquake zones.</i>	<i>This topic gives students an understanding of why some countries have become more developed or richer than others, including both physical and human factors which have affected this. They will learn about development indicators and how these can be used to compare a range of countries across the world. Finally, they will examine strategies which have been used by these countries and by the world as a whole (through aid and international agreements) to help them develop.</i>	<i>In this topic students will learn about the world's 7 most common ecosystems and the characteristics of each. They will examine the different human activities which affect these ecosystems and evaluate the significance of the impact of these both now and for the future. They will investigate strategies used to improve sustainability in these ecosystems and evaluate their success.</i>
Specific Skills	• Structuring and writing extended exam answers. • Evaluating the impact of tectonic events on groups of people. • Empathising with others. • Problem-solving to identify how countries could respond to events or prevent damage in the future. • Explaining processes • Reading and interpreting maps • Sequencing the stages of formation of events.	• Descriptions of patterns shown on maps • Comparing and contrasting • Empathising with others • Critical thinking to evaluate development strategies	• Describing and comparing key characteristics • Explaining impacts of human activities • Critical thinking to evaluate sustainable management strategies
Specific Locations	<i>Port-au-Prince- Haiti, Concepcion- Chile, Indian Ocean, San Francisco</i>	<i>Ethiopia, Zambia, The UK, China, Norway</i>	<i>Costa Rica, The Arctic, Antarctica</i>