
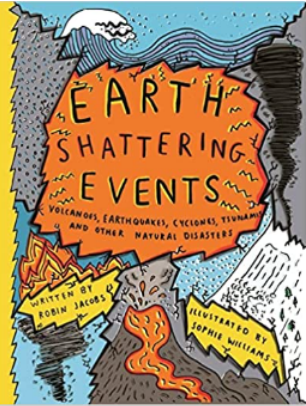



Year 4

Topic	How is Italy different to the UK?	Why do people live near plate boundaries?	Why are rainforests important to us?
Linked Books			
Prior learning	<p align="center">Name and locate the countries, capital cities, counties, coasts and surrounding seas of the UK. Identify and describe some of the human and physical geographical features of the UK - including different settlements and land use. Identify similarities and differences between hot and cold places in the world.</p>		
Curriculum end point	<p>Locate the world's countries, using maps to focus on Europe, concentrating on their environmental regions, key physical and human characteristics, countries, and major cities.</p> <p>Describe and understand key aspects of human and physical geography. Understand geographical similarities and differences through the study of human and physical geography of a region of the United Kingdom, a region in a European country, and a region within North or South America</p>	<p>Locate the world's countries, using maps to focus on Europe (including the location of Russia) and North and South America</p> <p>Describe and understand key aspects of physical geography, including earthquakes and volcanoes.</p>	<p>Identify the position and significance of latitude, longitude, Equator, Northern Hemisphere, Southern Hemisphere, the Tropics of Cancer and Capricorn.</p> <p>Describe and understand key aspects of physical geography, including climate zones, biomes and vegetation belts.</p> <p>Use maps, atlases, globes and digital/computer mapping to locate countries and describe features studied</p>

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<p>Substantive Knowledge</p>	<p>Locational knowledge To know where Italy is on the map in relation to the UK and the equator.</p> <p>To know Italy is a country in the continent of Europe.</p> <p>Rome is the capital city of Italy.</p> <p>Know that Italy has three seas which surround it: Mediterranean, Adriatic and Ionian.</p> <p>Know some of the countries which border Italy (France, Austria).</p> <p>Know there are two hemispheres: Northern and Southern. Italy and the UK are in the Northern Hemisphere.</p> <p>Human and Physical geography Know that Rome is an urban settlement.</p> <p>Know that land in Rome is used mainly for industrial, commercial, residential, recreational and transportation.</p> <p>London has a larger population than Rome.</p> <p>Know the climate zones of the world.</p>	<p>Locational Knowledge To know where some of the plate boundaries are in the world - particularly the Eurasian plate boundary.</p> <p>Know that Mount Vesuvius is a volcano in Italy.</p> <p>Know that Mount Merapi is a volcano in Indonesia.</p> <p>Human and physical Geography Know the four layers of the Earth.</p> <p>Know that a tectonic plate is a slab of solid rock made up of the crust and upper mantle.</p> <p>Know that Italy is on a plate boundary.</p> <p>Know that volcanoes are caused when magma rises to the surface of the Earth, which causes bubbles of gas to appear in it. This gas can cause pressure to build up in the mountain, and it eventually explodes.</p> <p>Mount Vesuvius' last big eruption was 79CE and this destroyed the town of Pompeii.</p> <p>Know that volcanoes are caused when magma rises to the surface of the Earth, which causes bubbles of gas to appear in it. This gas can cause pressure to build up in the mountain, and it eventually explodes.</p>	<p>Locational knowledge: Know that rainforests are located around the equator and between the tropics.</p> <p>Know there are two further invisible lines called the Tropic of Cancer and the Tropic of Capricorn.</p> <p>Know that the Amazon rainforest is in the continent of South America.</p> <p>Know that the Amazon Rainforest is in South America and spans through several countries including Peru and Columbia.</p> <p>Know that Peru and Columbia are in the Southern Hemisphere.</p> <p>Human and physical geography Know that a biome is an area classified according to the species that live in that location and be able to name two.</p> <p>Know what a vegetarian belt is - the things that grow there.</p> <p>Know that in the rainforest it is very wet, hot and humid. The climate is consistent all year round. There are no seasons.</p> <p>Know that places in the rainforests have a tropical climate.</p>
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<p>Geographical skills and fieldwork</p>	<p>Locate Italy on a map.</p> <p>Locating key physical features in countries studied including significant environmental regions.</p> <p>Locating some key human features in countries studied.</p> <p>Describing and beginning to explain similarities between two regions studied.</p> <p>Describing and beginning to explain differences between two regions studied.</p> <p>Describing and understanding types of settlement and land use.</p> <p>Discussing climates and their impact on land use and settlement.</p> <p>Beginning to use maps at more than one scale.</p> <p>Using atlases, maps, globes, satellite images and beginning to use digital mapping to locate countries studied.</p> <p>Use line graphs to examine continuous data such as climate/rainfall.</p>	<p>Locating key physical features in countries studied including significant environmental regions.</p> <p>Locating the world's most significant mountain ranges on a map and identifying any patterns.</p> <p>Locating where the world's volcanoes are on a map and identifying the 'Ring of Fire'.</p> <p>Identifying how topographical features studied have changed over time using examples.</p> <p>Describing how a locality has changed over time, giving examples of both physical and human features.</p> <p>Describing how and why humans have responded in different ways to their local environments.</p> <p>Describing how physical features, such as mountains and rivers are formed, and why volcanoes and earthquakes occur.</p> <p>Describing where volcanoes, earthquakes and mountains are located globally.</p> <p>Describing and explaining how physical features such as volcanoes and earthquakes have had an impact upon the surrounding landscape and communities.</p> <p>Beginning to use maps at more than one scale.</p>	<p>Locating some countries in South America using maps.</p> <p>Locating key physical features in countries studied including significant environmental regions.</p> <p>Locating some key human features in countries studied.</p> <p>Locating some of the world's most significant rivers (Amazon).</p> <p>Identifying key physical and human characteristics of counties, cities and/or geographical regions in the UK.</p> <p>Identifying how topographical features studied have changed over time using examples.</p> <p>Finding the position of the Equator and describing how this impacts our environmental regions.</p> <p>Finding lines of latitude and longitude on a globe and explaining why these are important.</p> <p>Identifying the position of the Tropics of Cancer and Capricorn and their significance.</p> <p>Describing and beginning to explain similarities between two regions studied.</p> <p>Describing and beginning to explain differences between two regions studied.</p>
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Human and Physical Geographical Interaction	Why do physical geographical features encourage tourism?	How is human behaviour affecting river quality?	How has human behaviour damaged the Amazon rainforest? What can humans do to protect the rainforest?
Vocabulary	human feature physical feature comparison region climate population continent Europe Mt Etna peninsula	earthquake tectonic plates inner core outer core mantle crust magma fault line active volcano dormant volcano composite volcano	biome temperate tropical polar Rainforests Deserts Savannah Woodlands Grasslands Tundra Tropic of Capricorn Tropic of Cancer canopy layer emergent layer Equator forest floor global warming greenhouse gas indigenous people deforestation