Key Question: Where are the mountains in the world? Why do volcanoes and earth- quakes occur?		Geography - Year 3 Knowledge Organiser		Teaching focus: Mountains, Volcanoes and Earthquakes Learning Lens: Physical		
Previous Knowledge				The key skills we want pupils to use during this topic:		
The seven continents and five oceans of the world. The location of some countries, including the United Kingdom and Kenya. What climate means and different types of weather.				Use maps and digital/computer mapping to locate countries and describe features studied		
Project Hook or 'Wow' memory Building and erupting volcano and a structure to withstand an earthquake.				Use the eight points of a compass, four and six-figure grid references, sym- bols and key (including the use of Ordnance Survey maps) to build their knowledge of the United Kingdom		
Learning Steps	Key Knowledge (answers) Be able to describe and understand key aspects of mountai and earthquakes.				aspects of mountains, volcanoes	
What is special about Mount Everest?	Mount Everest is the tallest mountain in the world at 8849m above sea level in the Himalayas. The temperature ranges from –60 C to –3C. The first successful ascent was on 29th May 1953 at 11:30am by Edmund Hillary and Tenzing Norgay.		Key vocabulary			
			Active		An active volcano has erupted recently or is expected to erupt quite soon.	
Where are the mountains in the world?	Main mountain ranges are the Himalayas Asia, Alps Europe, Rocky Mountains North America and Andes South America. Able to name highest mountain in each continent. Highest peaks in the UK are: Ben Nevis (Scotland), Snowdon (Wales), Scafell Pike (England and Slieve Donard (Northern Ireland). When two tectonic plates converge the intense pressure caus- es the plates to buckle and form a mountain in different ways: Fold, Fault Block or Dome mountains.		Dorma	nt	A dormant volcano is not active but is capable of becoming active later on.	
			Extinct		A volcano that has erupted in the past but will no longer erupt.	
			Fault Li	nes	A long crack in the surface of the Earth. Earthquakes usually occur along fault lines.	
tains formed?			Magma	1	Molten rock that is formed in very hot conditions inside the Earth.	
What is a volcano? What			Tectoni	ic Plates	Seven major and eight minor segments of the Earth's crust that move.	
is the structure of a volca- no and why do they erupt?	out hot gases, ash and lava. Many volcanoes are mountains. Volcanoes have long vents that go all the way down through the crust, to magma in between the crust and mantle. It is so hot here that rocks melt into liquid. This is called magma, which travels up through the vent when the pressure is too much and flows out as lava.		Vent		A part of a volcano through which lava and gases erupt.	
			Final Written Outcome			
Why do people live on or near volcanoes?	People live near volcano the disadvantages: fertile minerals, geothermal en	es because the advantages outweigh soil for agriculture, the presence of ergy for electricity and tourism.	A non-o tonic pl mounta	A non-chronological report about the tectonic plates in action in Italy relating to the mountains, volcanoes and earthquakes.		
What is an earthquake and where do they occur?	Earthquakes mainly occuplates. Pressure slowly s stuck and once the press suddenly move causing a	ur along the fault lines of the tectonic starts to build up where the edges get sure gets strong enough, the plates an earthquake.	A poster that includes pictures and sen- tences about the mountains, volcanoes and earthquakes in Italy.			