		noes and earthquakes? – Knowledge Organiser Ye			
Vocabulary		Mountains	The Earth's Structure		
Tectonic plate	The plates of rock that make up the Earth's surface.		1		Crust
Mountain	A very high area of land that rises above its surroundings. Taller than a hill and usually with steep sides and a rounded or sharp peak. They are generally over 600 metres high.	Summit The top of a mountain.  slope An area of ground increasing in height.  all year.	The surface of the Earth is made up of tectonic plates.		
Mountain range	A group of mountains.				
Volcano	An opening in the Earth's surface, usually found in a mountain, which allows gas, hot magma and ash to escape from beneath the Earth's crust.	The highest point forests are found.  The bighest point forests are found.  The bottom of the mountain.  The "side" of a inpuntain.			
Molten rock	Rock that is so hot it has turned into a liquid.	Volcanoes	Caribbean	African	
Magma	Molten rock that oozes or flows beneath the Earth's surface.	Eruption cloud	Nazca American	Ara Ara	bian Indo- Australian
Lava	Molten rock that oozes or flows above the Earth's surface.	Crater Layers of lava and ash		Antarctic	and the
Earthquake	Sudden and violent shaking of the ground caused by movement of parts of the	Main Vent Magma Chamber	✓ Plate boundary Direction in which plate is moving		
	Earth's surface.		Earthquakes	Richter Magnitude	Earthquake effects
Seismograph	An instrument used to measure how big an earthquake is.	<b>Active volcano</b> – one which has recently erupted and there is a possibility that it may erupt soon.	Earthquakes	2-3	Not felt by people  Felt little by people
			are the sudden violent shaking	3-4	Ceiling lights swing
Richter	'	Downsont volume on subjet has not surely die o	of the ground.	4-5 5-6	Walls crack Furniture moves
Scale	Earthquakes are measured using this scale (0-8+).	<b>Dormant volcano</b> – one which has not erupted in a long time but there is a possibility it will erupt in the future.	Thought		Some buildings collapse
			measured on a	7-8	Many buildings destroyed
Ring of Fire	Name given to the path along the Pacific Ocean where many earthquakes and volcanic eruptions occur.	<b>Extinct volcano</b> – one which has erupted thousands of years ago and there's no possibility of eruption.	Richter Scale.	8-Up	Total destruction of buildings, bridges and roads

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