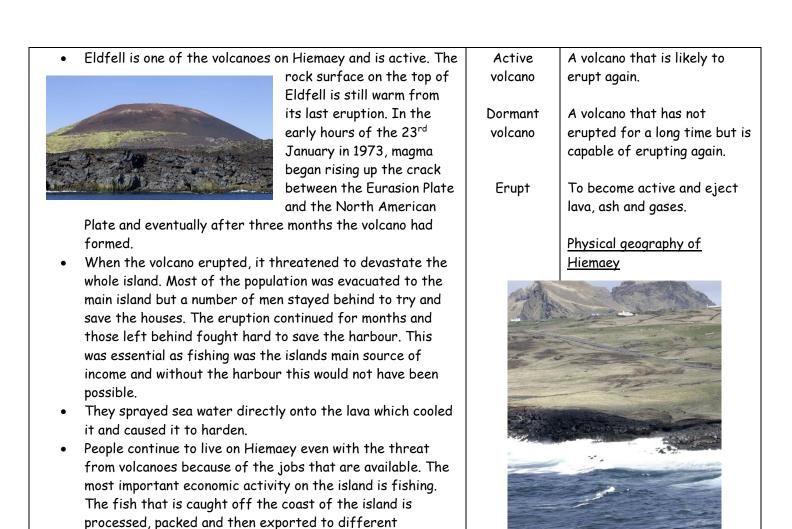


Refiley Knowledge Organiser

Year: 6 Subject: Geography

Unit: What causes volcanoes and how do they affect lives?

Overview:		
During this sequence of learning, pupils will look at the physical geography of Iceland and why volcanoes occur and where. They will also look at how volcanic eruptions affect the physical geography of an area and how lives are affected.		
What should I already know?	Vocabulary:	
 Earthquakes and volcanoes are examples of natural disasters. 	Magma	Molten rock which is under the Earth's surface.
 Both Earthquakes and volcanoes occur at plate boundaries. Plates are large slabs of rock which make up the Earth's surface and these are constantly moving. The damage caused by an earthquake is not always reflective of the magnitude of it. Smaller earthquakes have been known to cause more damage if the area is poorer. 	Lava	Rock in a liquid form which flows from a volcano or opening in the Earth's surface.
 A volcano is where there is an opening in the Earth's crust which allows magma to reach the surface. 	Geysers	A natural pool of hot water which sometimes erupts sending steam and hot water
 What will I know by the end of the unit? The island of Hiemaey is the largest and only inhabited island of the Westman Islands in 	Glaciers	gushing into the air.
Iceland. • Volcanoes can release gases, ash and rock along with lava.	Glaciers	which remains frozen from one year to the next.
 There are no active volcanoes within the UK but there used to be in the past. The physical geography of Hiemaey is very barren - this is partly due to volcanic eruptions from the past. There are 	Archipelago	A geographical name for a group, chain, cluster or collection of islands.
 also geysers and glaciers on the Island. There are volcanoes in Iceland because of its location on top of the boundary where two plates meet. 	Evacuation	To leave a place because it is dangerous and go and love somewhere else.
Geographers call this boundary the Mid- Atlantic Ridge. As these plates are slowly moving apart from each other, it creates a gap which means magma can then reach the surface.	Barren	A place where very little grows.



countries such as Nigeria and Africa.