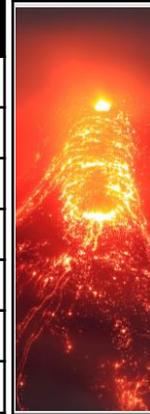


HT1 Y4: What is it like to live near a volcano?

1. Key terms		Definition
1	active volcano (n)	Had an eruption in the last 10 thousand years.
2	ash cloud (n)	Bits of rock and minerals thrown into the air during an eruption.
3	eruption (n)	When hot materials from inside the earth are thrown out of a volcano.
4	lava (n)	Hot liquid rock above the earth's surface. Below the surface, it is called magma.
5	pyroclastic flow (n)	Fast-moving hot gas and bits of rock releasing in an eruption.
6	tectonic plate (n)	Huge plates of rock beneath the Earth's surface. Volcanoes often appear where they touch.
7	tourism (n)	People visiting somewhere on holiday or to see a famous place.

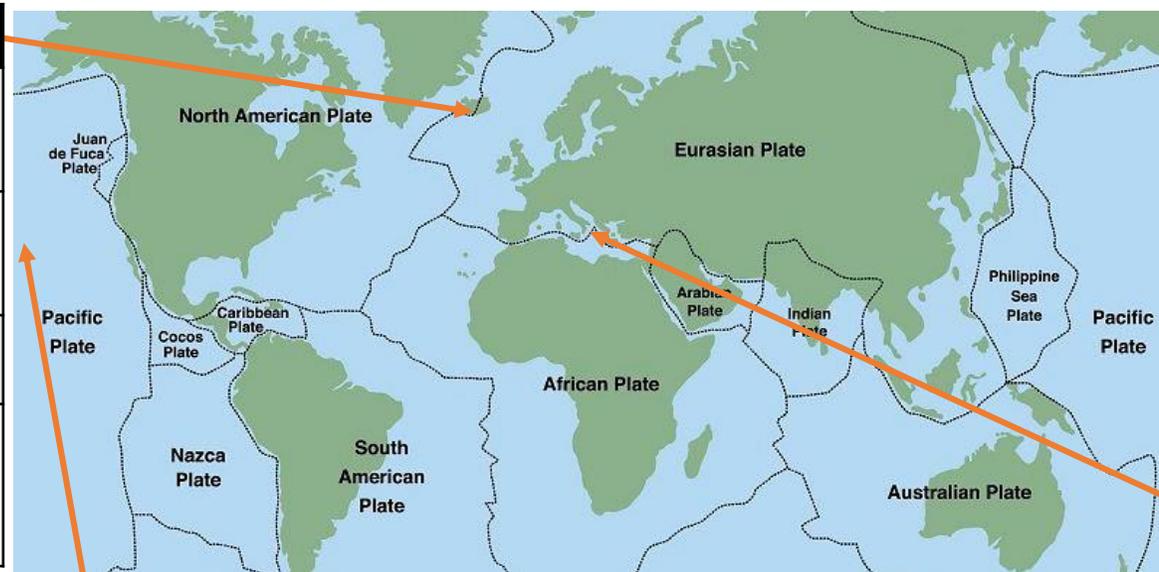
2. Volcanoes



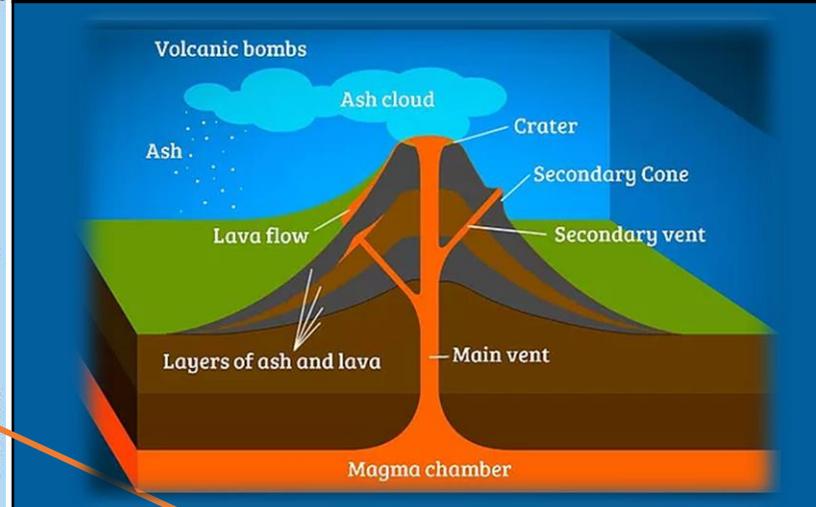
a	A volcano is an opening in the earth where lava, volcanic ash and gases escape.
b	Many volcanoes are mountains, made up of layers of lava and ash.
c	Most volcanoes are found around the Pacific Ocean.
d	Some volcanoes are found under the Ocean floor.
e	350 million people across the world live in a Volcano danger zone.

6. Eyjafjallajökull, Iceland

	a	Active volcano, completely covered by ice.
	b	A big eruption happened in April 2010.
	c	800 people had to be evacuated.
	d	Ash was thrown into the atmosphere and all flights were banned in Europe for 48 hours.



3. The structure of a volcano



5. Mauna Loa, Hawaii, USA

	a	Active volcano.
	b	Last erupted 35 years ago in 1984.
	c	It has erupted 33 times since records began 180 years ago.
	d	At 4km high it is the tallest volcano in the world. 2 million tourists visit each year.

4. Mount Vesuvius, Italy

	a	Active volcano.
	b	9km east of the city of Naples in Italy.
	c	3 million people live nearby.
	d	Destroyed the Roman city of Pompeii in 79CE. It was preserved.
	e	2.5 million tourists visit each year.