



Knowledge Organiser-GEOGRAPHY-YEAR 6- SPRING 2 2023

Volcanoes – what are they?



STICKY KNOWLEDGE

The earth has 3 layers – crust, mantle and core	Tectonic plates and their boundaries are where the most volcanoes are found	A volcanic eruption occurs when tectonic plates move
Pacific Ring of Fire is where the world's most volcanoes appear	Living around volcanoes and the fertilisation of the soil as well as the tourism it brings in	

KEY VOCABULARY

Magma	hot fluid within the earth's <u>crust</u> from which lava and other <u>igneous</u> rock is formed on cooling.
Eruption	when lava and gas are released from a volcano—sometimes explosively.
Crater	the mouth of a volcano, there is an opening to the magma chamber below. The shape of this opening can vary from circular to oval.
Tsunami	A huge, powerful wave caused by an earthquake.
Epicentre	Where an earthquake starts and is felt most strongly.
Dormant	A dormant volcano, like Kilimanjaro, that has not erupted for a long time

