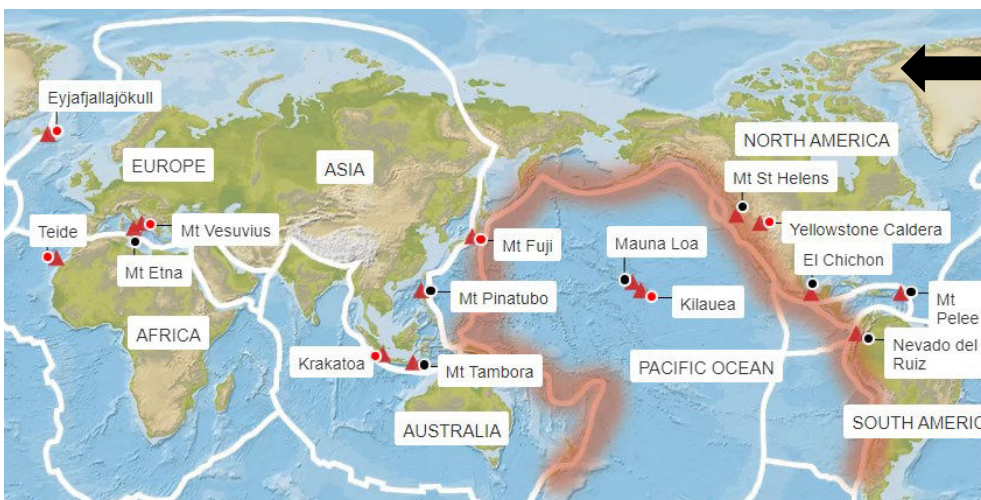
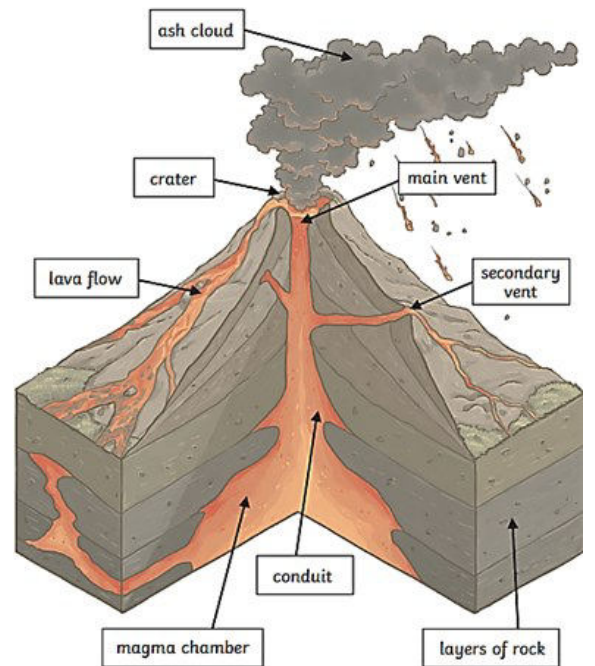
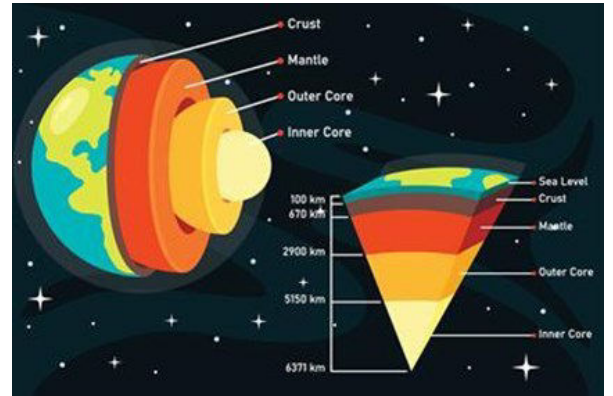


Volcanoes

Tier 3 Vocabulary

mantle	The portion of the Earth between the crust and the core. The mantle is around 2,900 km thick.
core	The central portion of the earth, believed to be composed mainly of molten iron and nickel in a The core has a radius of about 3,500 km.
to erupt	To burst forth: <i>Molten lava erupted from the top of the volcano.</i>
magma	Molten material beneath or within the earth's crust, from which igneous rock is formed.
lava	The molten, fluid rock that flows from a volcano or volcanic vent.
crater	A depression at the top or side of a volcano through which lava and gases are emitted.
active	A volcano is described as active if it is currently erupting or has erupted within the last 10,000 years.
dormant	A volcano is described as dormant if it has not erupted within the last 10,000 years, but may erupt in the future.
extinct	A volcano is described as extinct if it has not erupted within the last 10,000 years, and is not expected to erupt in the future.



This map shows 15 of the most significant volcanoes in history. It also shows the Ring of Fire (red line) - the site of many of the world's volcanoes. The white lines show the boundaries to the tectonic plates.

