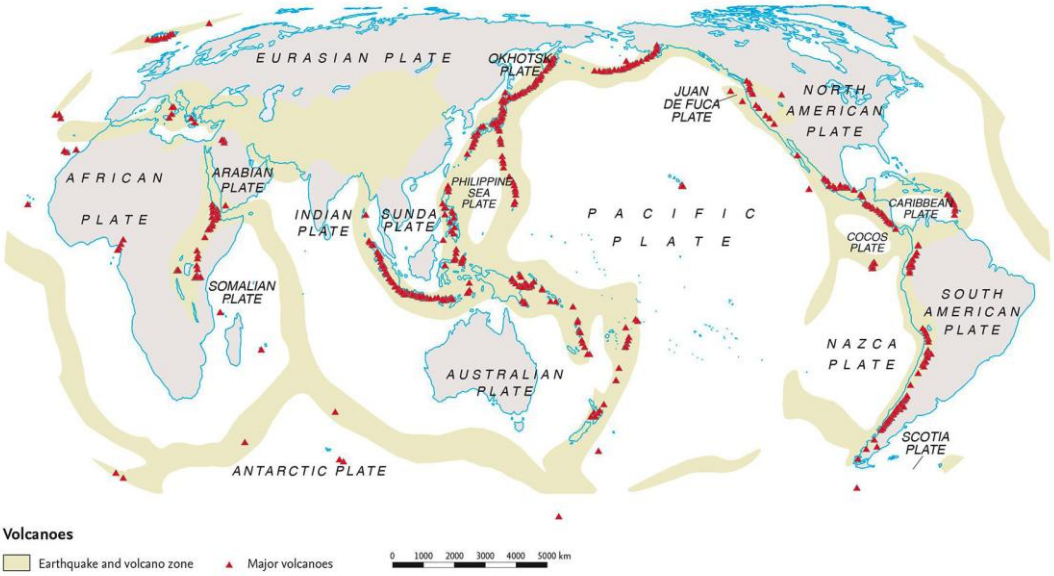
Year 6: How do volcanoes affect the lives of the people of Heimaey?



Geography Concepts

Settlement	Environment
	

Geographical Connections – Linked Prior Learning

Year 4 Tourism in Greece → Year 5 Coastal erosion → Year 5 Climate zones and biomes → Year 5 Mapwork: 6 figure grid references

Key Vocabulary

Word	Definition
Volcano	A volcano is an opening in a planet or moon's crust through which molten rock, hot gases and other materials erupt.
Tectonic plate	Tectonic plates are large sections of the Earth's crust that move independently.
Pacific Ring/ Ring of Fire	The Ring of Fire is a string of volcanoes and sites of earthquakes, around the edges of the Pacific Ocean.
Eruption	A volcanic eruption is the expulsion of gases, rock fragments, and/or molten lava from within the Earth through a vent onto the Earth's surface or into the atmosphere.
Lava	Lava is hot, liquefied rock that flows from a volcano or other opening in the surface of Earth. When the liquid rock is still underground it is known as magma.
Active	A volcano that has erupted in the last 10 000 years.
Dormant	A volcano that has not erupted in the last 10 000 years but may erupt again.
Extinct	A volcano that has not erupted in the last 10 000 years and is not expected to erupt again.
Pyroclastic flow	A pyroclastic flow is a dense, fast-moving flow of solidified lava pieces, volcanic ash, and hot gases.