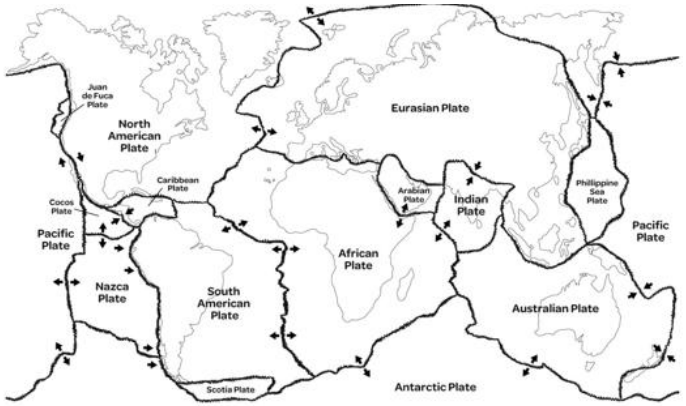
Yr 4 Knowledge Map - How do earthquakes and volcanoes affect people?

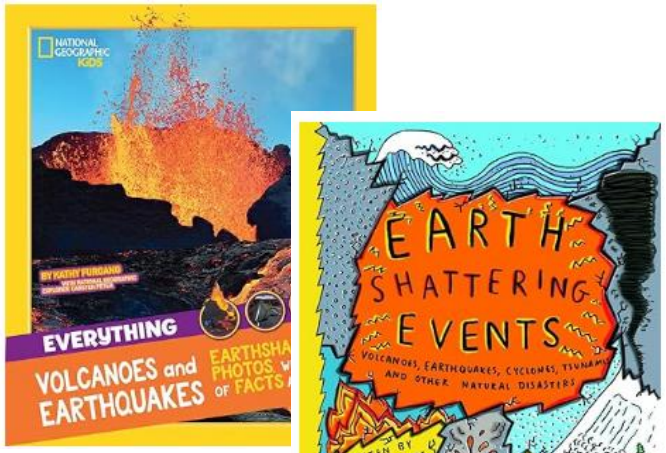
Subject Specific Vocabulary

earth's crust	The outer layer of the earth
tectonic plates	The surface of the Earth is broken up into large plates
molten	Rock that has been heated to a very high temperature and is a hot thick liquid
lava	Molten(a hot thick liquid) rock that comes from a volcano
volcano	is an opening in the earth's crust through which lava, volcanic ash, and gases escape
earthquake	an intense shaking of Earth's surface
disaster	An unfortunate event
dormant volcano	volcanoes that have not erupted in a long time but are expected to erupt again in the future
crater	the bowl-shaped depression around the volcano
mantle	the largest layer of the earth, lying between the crust and the outer core
magma	hot liquefied, rock located deep below the Earth's surface
epicentre	The spot on the surface just above where an earthquake starts
richter scale	a measurement system used when measuring how big an earthquake is
vent	openings in the Earth's crust from which magma and volcanic gases escape
ash cloud	A cloud formed from tiny ash particles and gases blasted from the volcano

Earth's Plates

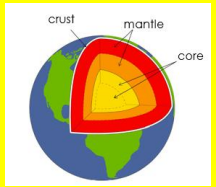


Exciting Books



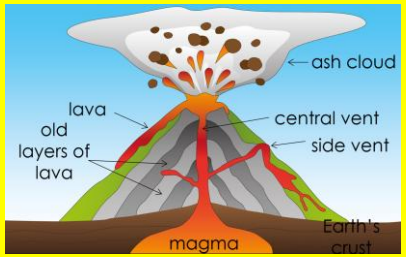
Sticky Knowledge

The earth is made up of layers



The top layer, the earth's crust is made up of plates

The features of a volcano include Earth's crust, Layers of cooled lava, Lava, Central vent, Side vent, Ash cloud



The movement of the plates causes earthquakes and leads to volcanoes erupting.

