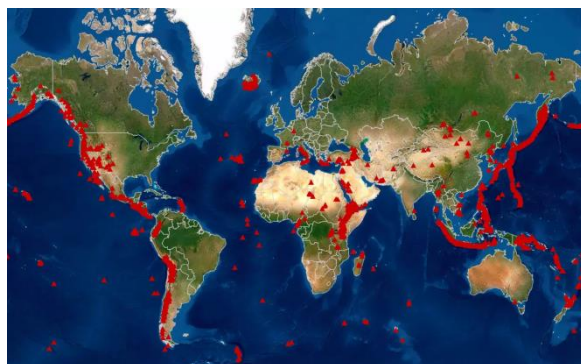


Year 3: Volcanoes and Earthquakes Knowledge Mat

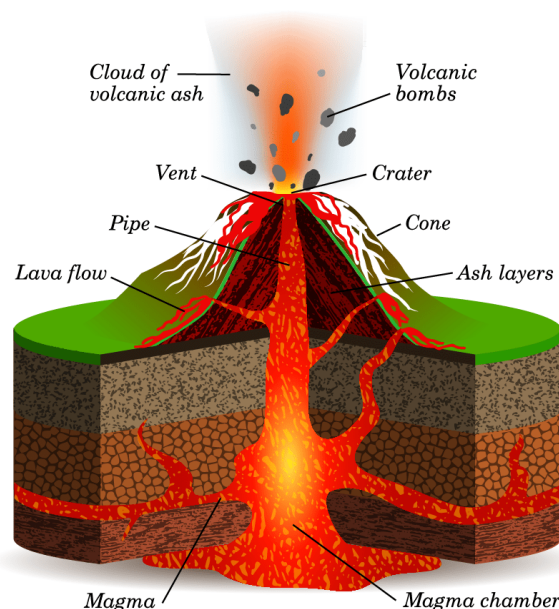
Subject Specific Vocabulary

Volcano	A volcano is a mountain where molten rock erupts through the surface of the planet.
Earthquake	An earthquake is the shaking of the surface of earth, caused by sudden movement in the Earth's crust.
Tectonic plates	Pieces of land that connect together on the Earth's outer shell.
Mantle	The widest layer of the earth which sits between the outer core and the crust. It is approximately 2900km thick.
Eruption	When a volcano erupts, hot gases and melted rock from deep within Earth find their way up to the surface. This material may flow slowly or it may explode suddenly into the air!
Lava	Hot, liquefied rock that flows from a volcano or other opening in the surface of Earth
Magma	Hot, liquid matter beneath the earth's surface. Magma that reaches the earth's surface when a volcano erupts is called lava.
Epicentre	It is the point where an earthquake or underground explosion originates.
Fault line	A long crack in the surface of the earth where earthquakes usually occur.
Richter Scale	A scale of numbers used to tell the size of earthquakes.

World Volcanoes



Features of a Volcano



Important knowledge about volcanoes and earthquakes

- ☐ I know the structure of the Earth and what happens at the boundaries between the Earth's tectonic plates.
- ☐ I know the key features of a volcano and I know where a range of famous volcanoes are located.
- ☐ I know the effects of a famous volcanic eruption .
- ☐ I can evaluate the advantages and disadvantages of living near a volcano.
- ☐ I can explain why earthquakes occur and know some key facts about famous earthquakes.
- ☐ To identify the effects of earthquakes on land and people and identify how to prepare for an earthquake.