



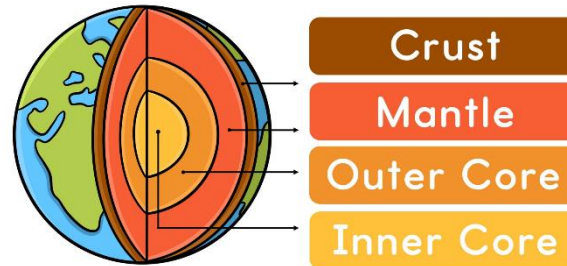
Are volcanoes and earthquakes **ALWAYS** a disaster?

Key Vocabulary:

volcano	A vent in the earth's crust.
earthquake	The sudden shaking of the ground when areas of rock change position.
tectonic plates	A huge area of rock that makes up the Earth's crust.
eruption	When rock and gas are forced from a volcano.
magma	Hot liquid material which is below the earth's crust.
lava	Hot, liquid rock that is ejected from a volcano and solidifies as it cools.
Earth's crust	The Earth's crust is divided into 7 tectonic plates and which fit together like a jigsaw puzzle.
ash	A fine material produced by an erupting volcano.
minerals	Natural, solid, non-living material found in the Earth that helps plants to grow.

Diagrams and Maps:

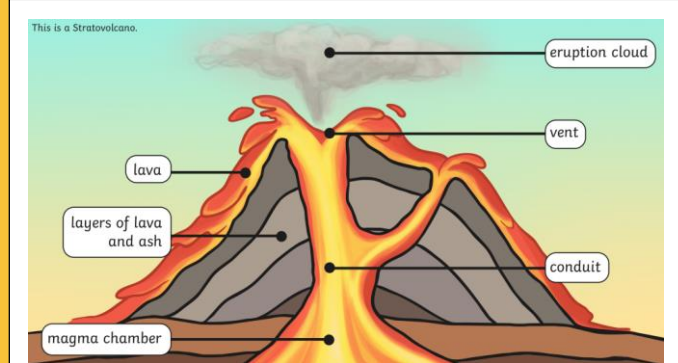
Layers of the Earth:



Map of Volcanoes and Plate Boundaries in Italy:



How volcanoes and earthquakes are formed:



1. The earth's crust is made up of different pieces, called plates, which fit like a jigsaw.
2. As plates move in different directions over long periods of time, friction causes energy to build up.
3. This energy can create a volcano or earthquake to occur.

