

# WHY DOES ITALY SHAKE AND ROAR?

## KEY VOCABULARY

Mediterranean	The countries that border the Mediterranean Sea.
Northern Hemisphere	The Northern Hemisphere is the half of Earth that is north of the Equator.
Tectonic plates	The earth's crust is made up of lots of little pieces, which overlap. These are known as tectonic plates.
Crust	The outer layer of the earth.
Mantle	This is magma beneath the earth's crust.
Outer Core	A layer made up of liquid
Inner Core	A very hot solid ball made of metal.
volcano	A mountain or hill, which has a crater or vent at the top.
lava	Hot molten rock that erupts from a volcano.
magma	This is the hot liquid rock which is hidden under the Earth's surface. It is called lava when a volcano erupts.
ash	This is created when volcanoes erupt.
crater	This is where the eruption takes place. It is a large hole surrounding the vent.
vent	Volcanic materials escape through the vent; it is an opening in the Earth's surface.
Earthquake	The shaking, rolling or sudden shock of the earth's surface.
active	Has had at least one eruption during the past 10,000 years.
dormant	An active volcano, which is not currently erupting but may erupt in the future.
extinct	Has not had an eruption for at least 10,000 years. It is unlikely that an extinct volcano will erupt again.
transform	Tectonic plates moving sideways in relation to each other.
convergent	Tectonic plates move into each other
divergent	Tectonic plates move away from each other.

## DID YOU KNOW?

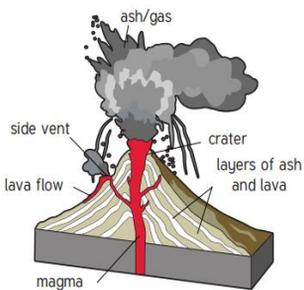
Mauna Loa is the world's largest active volcano and it is located in Hawaii.

Mount Etna is the highest and most active volcano in Europe. It is located in Sicily, Italy.

Mars has the largest known volcano called Olympus Mons. It is no longer active and will probably never erupt again.

Mount St Helens is an active volcano located in Washington, USA.

## PARTS OF A VOLCANO

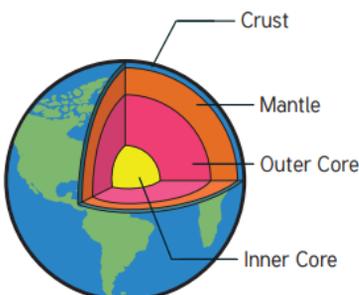


Each part of the globe is called a **hemisphere**. The top part is the **Northern Hemisphere**. The bottom part is the **Southern Hemisphere**.

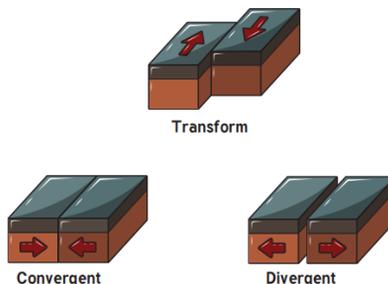
## THE MEDITERRANEAN



## LAYERS OF THE EARTH



## TECTONIC PLATES



## COMPASS POINTS

