

# What makes the Earth angry? - Volcanoes, earthquakes and tsunamis.

earthquake	A sudden, violent shaking of the ground that occurs as a result of movements within the Earth's crust or volcanic action.	lava	Hot molten or semi-fluid rock erupted from a volcano (or fissure). It can also be solid rock resulting from cooling of this.
tsunami	A long, high sea wave caused by an earthquake or other disturbance.	magma	Extremely hot, molten rock found inside the Earth.
volcano	An opening in the earth's crust through which lava, volcanic ash, and gases escape	tectonic plates	The earth's crust is made up of large areas called <b>tectonic plates</b> that join together.
erupt	To suddenly burst out causing lava to explode out of the earth's surface.	Mount Vesuvius	Mt Vesuvius is a volcano near Pompeii (Naples, Italy). In 79AD, it erupted and destroyed the city of Pompeii.

## Layers of the Earth

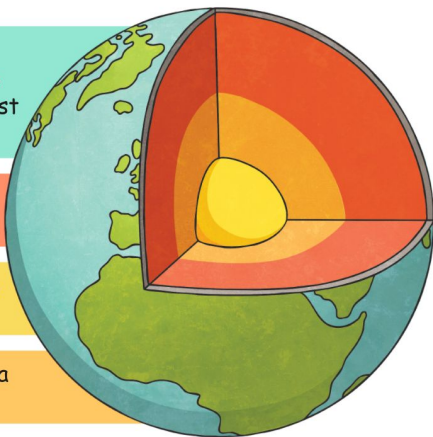
The Earth has four layers:

**crust** - The crust covers the Earth's surface. There are two types of crust: continental crust and oceanic crust.

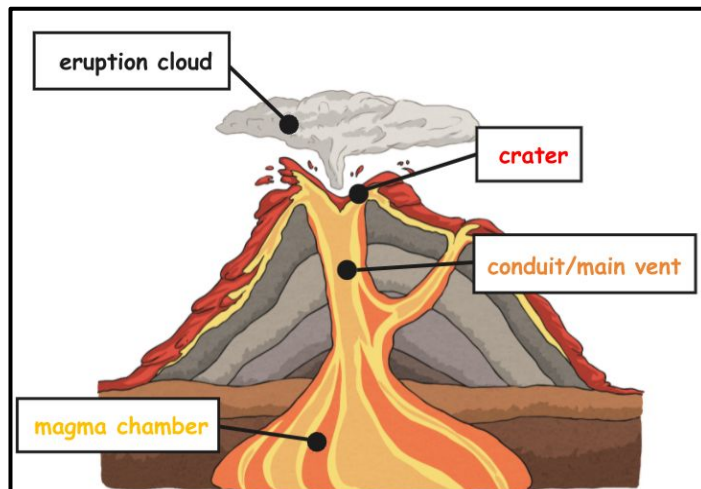
**mantle** - The mantle is the thickest layer of the Earth.

**outer core** - The outer core is liquid.

**inner core** - The inner core is a solid metal ball.



## Volcanoes



## Tsunamis

- A tsunami is a giant wave caused by a huge earthquake under the ocean.
- The earthquake causes a large amount of water to be displaced very quickly.
- A series of waves travels through the deep water.
- As the waves travel through shallower water near the land, they get bigger.

