

## How volcanoes work

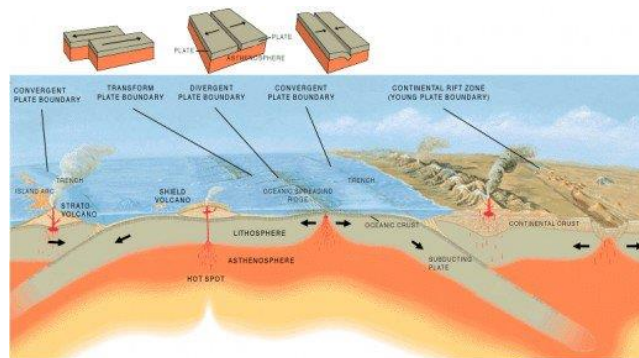
- Earth isn't really an enormous solid sphere.
- Some kind's of lava flow have super cool names.
- One plate pushes under another plate .
- Some volcanoes dribble lava extremely slowly that you can stand and watch.
- The magma is always trying to get up from the centre of the Earth.
- Plates pull apart, and magma rises to fill the gap.
- The word volcano comes from Vulcan, the Roman god of lava.
- Stratovolcano Fuji is the highest mountain in Japan. It is worshipped as a holy place.
- Soufriere hills, a stratovolcano on Montserrat.

## Facts about magma

Magma is generated within Earth's mantle, the thick layer between Earth's **crust** and outer core.

Rock found deep within the crust is extremely hot, soft, and pliable, mantle but rock does not become liquid until much deeper  
magnesium, calcium, sodium, potassium, titanium, In magma. Other ingredients include **aluminum** oxide, **iron** , manganese, phosphorus, and **water**

## How is a Volcano is Created?



- the Earth's crust is composed of enormous sections of rock called tectonic plate
- **Two plates push together to form a Volcano.**
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