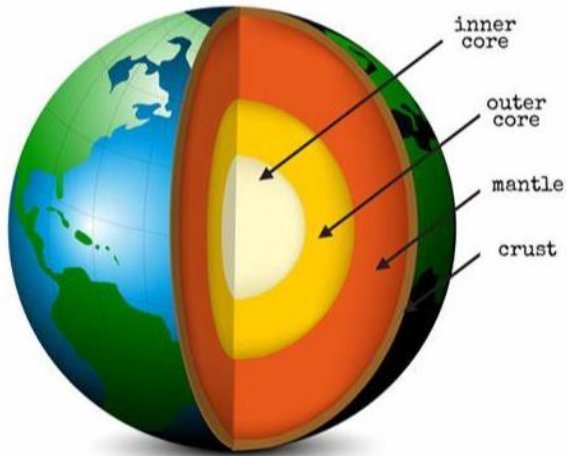
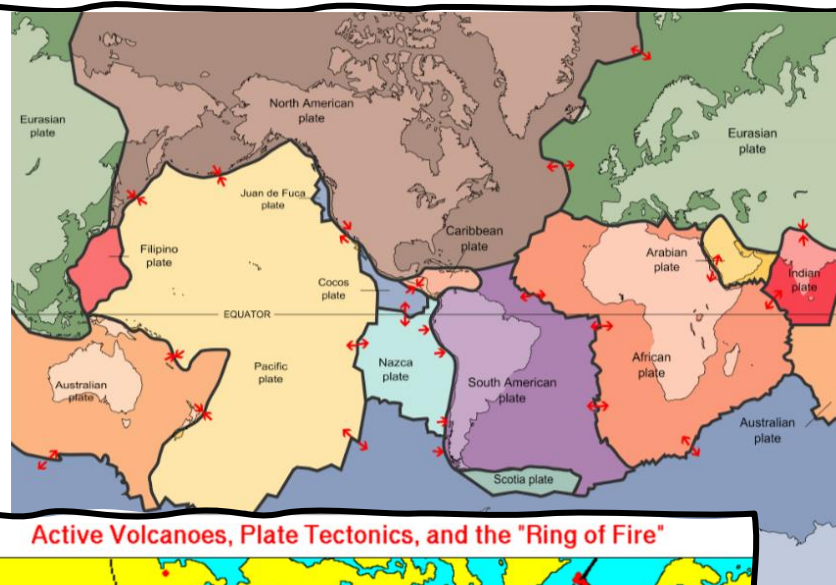


What is earth made of?



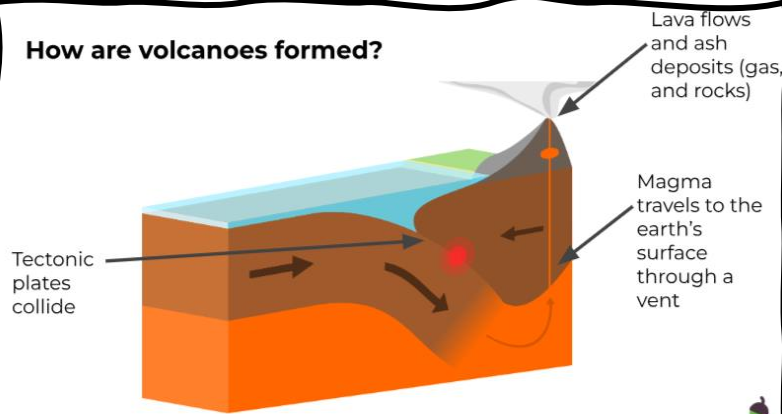
Tectonic plates:



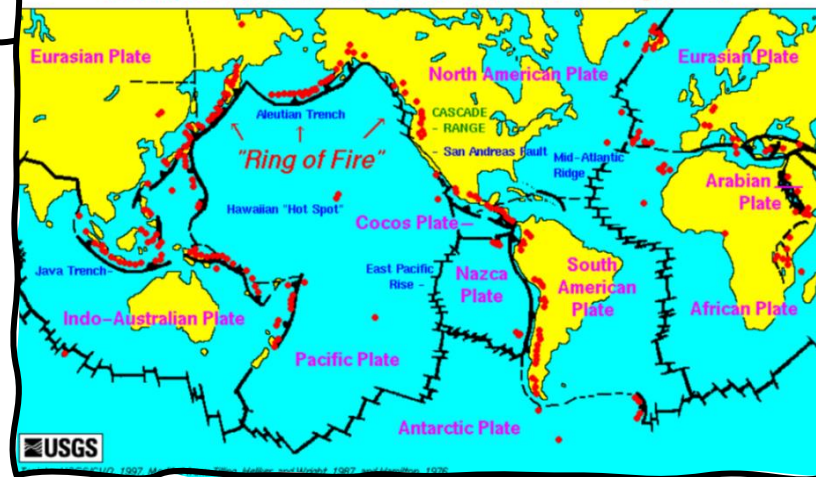
Key vocabulary:

- Core
- Mantle
- Crust
- Tectonic plates
- Volcano
- Lava
- Magma
- Eruption
- Earthquake
- Richter scale
- Tremor

How are volcanoes formed?



Active Volcanoes, Plate Tectonics, and the "Ring of Fire"



What is an earthquake?

Sometimes, when tectonic plates move, **pressure** that has built up over time is released. This causes the ground to shake.

- This is called an earthquake
 - Measured using the **Richter Scale**



Earthquakes & Volcanoes

Damage caused by earthquakes:

- Cracks in the ground
- Buildings damaged or destroyed
- People hurt or injured
- Tsunamis (caused by earthquakes under the sea)