



Extreme Earth

Year 3 Key Knowledge Organiser

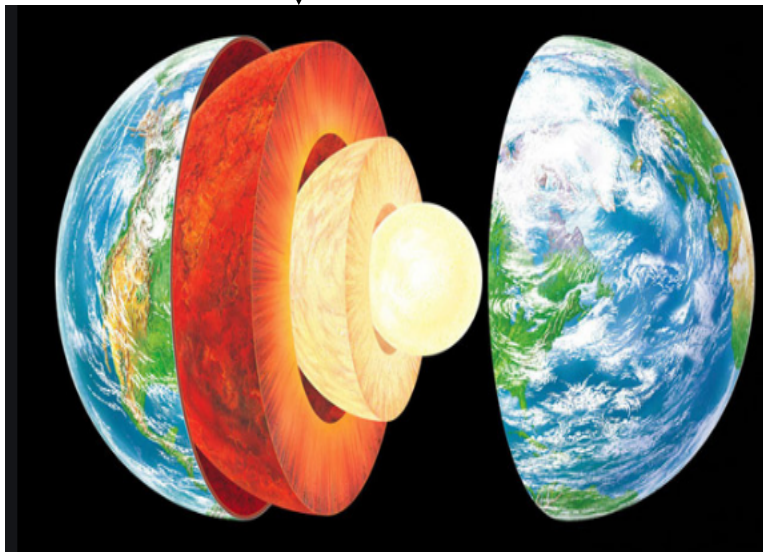
Key Vocabulary and Spellings

Active	An eruption can happen anytime and often.
Crust	The outer layer of the Earth and the part that humans live on.
Dormant	A sleeping volcano so it hasn't erupted for a while but it could erupt at any time.
Earthquake	A sudden, violent shaking of the Earth that can cause destruction.
Eruption	The process in which volcanoes explode and fire lava onto the Earth.
Extinct	A volcano that hasn't erupted for a long, long time and probably won't.
Richter Scale	The measurement taken for earthquakes.
Tectonic Plates	The jigsaw like puzzle pieces that make up the Earth.
Volcano	An opening in the Earth's crust where lava escapes.

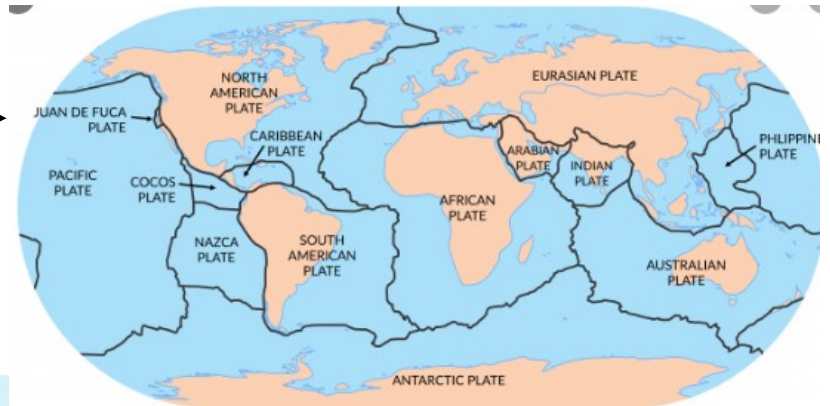
Key Facts:

- There are four parts to the Earth. The crust, the mantle, the outer core and the inner core.
- Plate boundaries are where tectonic plates meet. This meeting can cause volcanoes, earthquakes, mountain ranges and ocean trenches.
- Earthquakes can cause huge waves in the ocean called tsunamis. There was a famous tsunami in Boxing Day 2004 in the Indian Ocean.
- The largest active volcano currently is Mauna Loa in Hawaii.
- Countries that we associate earthquakes and volcanoes with are Japan, Iceland, USA, New Zealand and Italy.

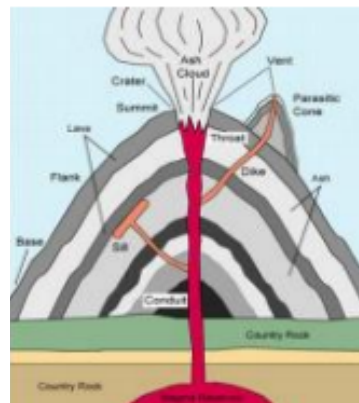
Layers of the Earth



Tectonic Plates



Volcano



Earthquake

