



read

Natural Hazards

Plate Tectonics

quiz



The Big Picture



Key Terms



Asthenosphere – The upper layer of the Earth's mantle.



Crust – The rigid shell that surrounds the mantle. Oceanic crust is thinner but more denser than continental crust.



Distribution – The way something is spread out or arranged over a geographic area.



Inner core – The solid centre of the Earth made up of iron and nickel.



Lithosphere – The more rigid outer part of the Earth.



Mantle - Solid material surrounding the core that can flow very slowly.



Outer core – The liquid layer of iron and nickel surrounding the inner core.



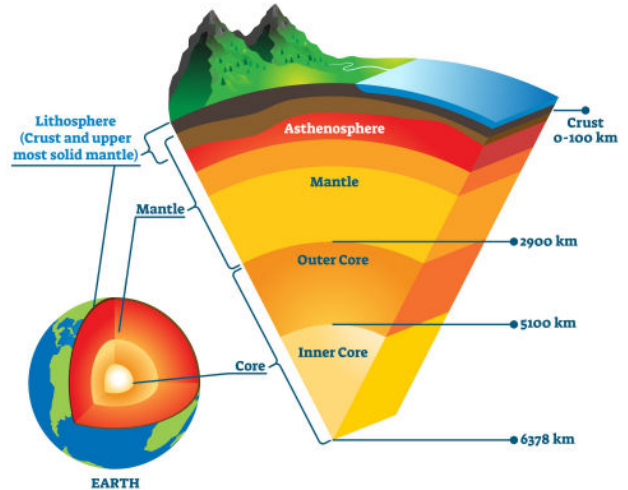
Tectonic plate – A section of the Earth's crust.



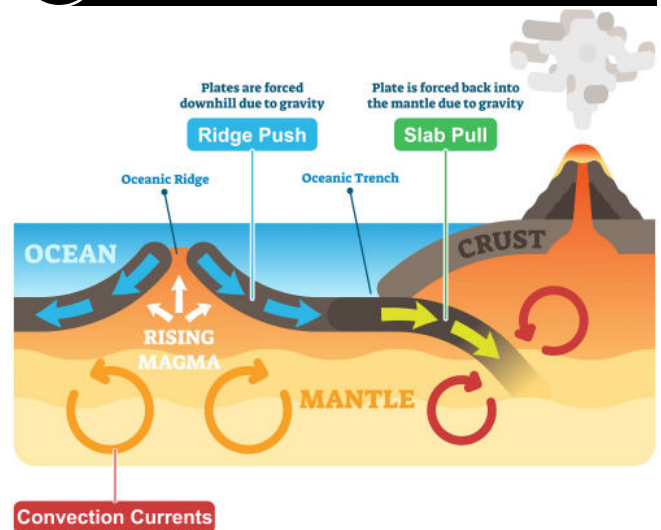
Plate margin – The margin or boundary between two tectonic plates.



The Structure of the Earth



How do Plates Move?



The Distribution of Earthquakes and Volcanoes



- The distribution is not random.
- Narrow bands along plate margins.
- Occur on both land and sea.
- Volcanoes are found at constructive and destructive plate margins.
- Earthquakes occur at all three boundaries.