

Title:

EQ:

LAYERS OF THE EARTH: Crust, Mantle, & Core

Crust – Super Thin (We live here.)

Upper Mantle – Flows. _____ happens here!

Lower Mantle – _____

Outer Core – _____ (Nickel & Iron)

Inner Core – _____ (Mostly Iron)

TECTONIC PLATES

Crust + _____ Mantle = Tectonic Plate

PLATE BOUNDARIES

Convergent (+ Subduction) Divergent Transform

CONVERGENT + SUBDUCTION

Convergent – Two plates moving _____ each other

Subduction – One plate goes _____ the other.

Features: _____ and Earthquakes

Volcanoes & _____ (Only when subduction happens.)

Rocks: _____ & Igneous

Note: With subduction, _____ tectonic plate is destroyed

DIVERGENT

Divergent – Two plates moving _____ from each other

Features: _____ & _____

Rocks: Igneous

Note: _____ tectonic plate is formed

TRANSFORM

Transform – Two plates _____ past each other

Features: Earthquakes

Rocks: n/a

Note: _____

CONVECTION CURRENTS

Form in the _____

_____ the tectonic plates