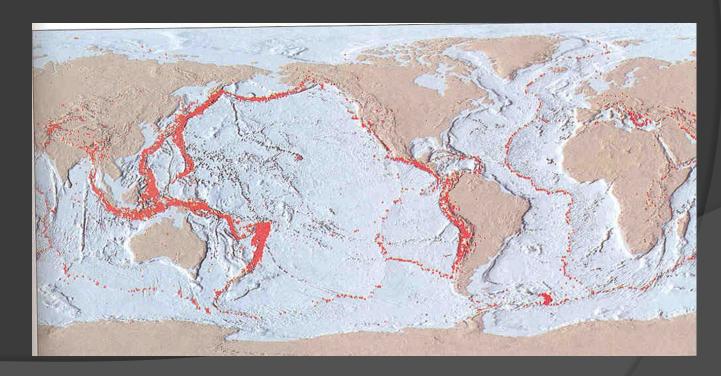
SEISMIC WAVES AND EARTHQUAKES

Earthquakes

 Most earthquakes are the result of movement of Earth's crust produced by plate tectonics

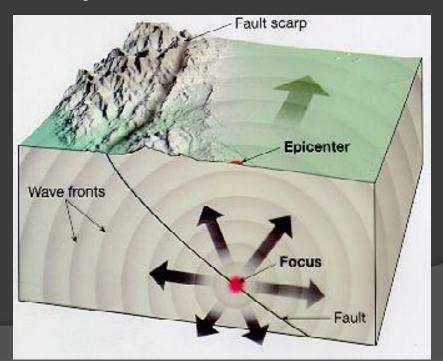


Earthquake Vocab

- Seismic waves vibration of the ground caused by plate movement
- P-waves Primary waves
 - compression/longitudinal wave
 - Faster
 - Travels through solid and liquid
- S-waves Secondary waves
 - Tranverse waves
 - Slower
 - Travels through solid only
- Surface waves only travel on Earth's surface
 - Slowest

Earthquake Vocab

- Focus the point below the Earth's surface where the earthquake begins
- Epicenter point on the surface of the Earth directly above the focus



Earthquake Vocab

- Seismograph/Seismometer instrument that measures earthquakes
- Seismogram the record produced by the seismometer
- Magnitude amount of energy in a seismic wave
- Amplitude the height of a measured wave on the seismogram
- Richter scale scale that measures the strength of an earthquake

