

Tectonic Plate Boundaries

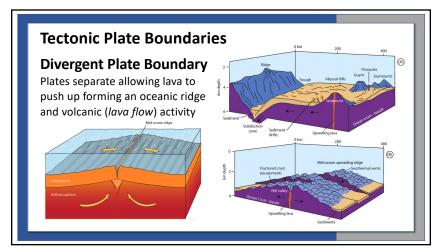
At the plate boundaries the plates move relative to each other

All plates on the earth are connected to each other based on the continental drift theory

When one plate expands (divergent boundary) another plate contracts (convergent boundary)

Plates can also slide past each other (transform boundary)

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Convergent Plate Boundary

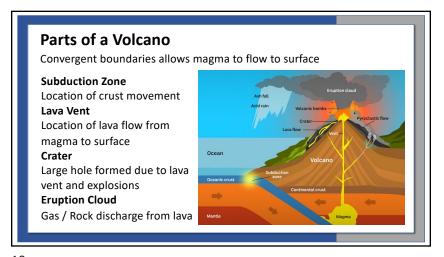
Plates collide at a subduction zone. One plate pushes below another plate with the extra crust being absorbed into the lower mantle layer

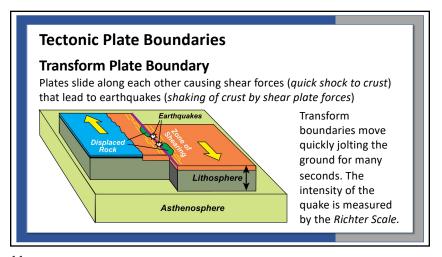
Oceanic – Oceanic
Ocean trench forms below the water

Ocean – Continent
Volcanos rise by ocean trench on crust

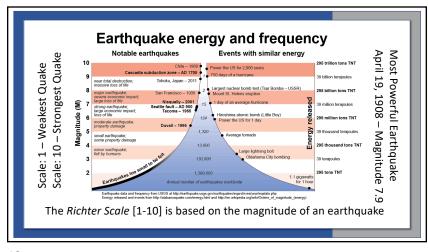
Continent – Continent
Mountain ranges form with high plateau

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