

Plate Tectonics

- movement of
Earth's surface

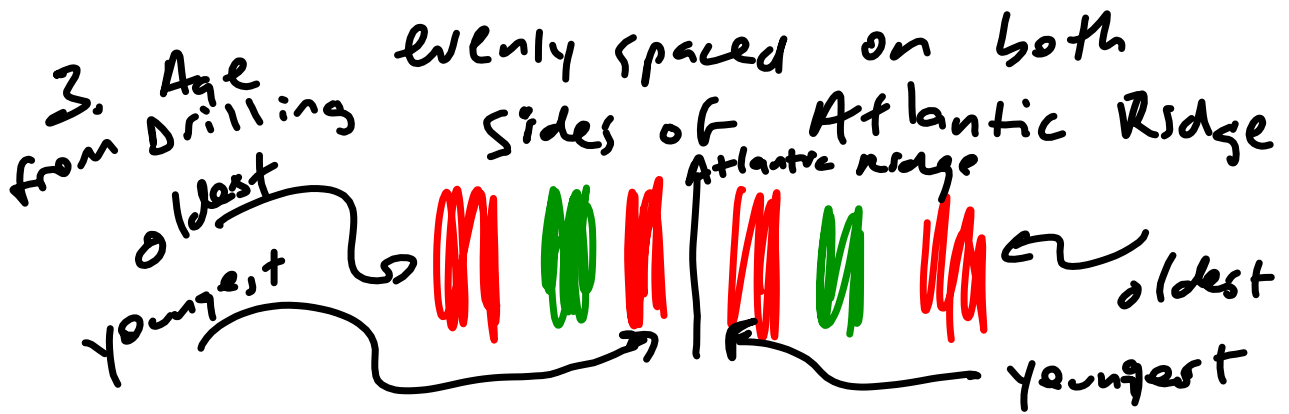
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Continental Drift - continents moved
on E's surface

Pangaea - All Lands
300,000,000 ya.

Evidence of Sea-Floor Spreading

1. The fact that there is a stripe of magma along the mid-Ocean Ridge
2. Magnetic stripes on Ocean floor



Deep Ocean Trench tectonic plates colliding
pushing down

Subduction Ocean plate collides w/
another plate & subducts (or pushed
under)

Plates Pieces of Lithosphere
Litho-rock → crust

Plate tectonics Slow constant movement
of Earth's plates

How Many? 14-16

Faults breaks in Earth's crust

Divergent Boundary plates moving apart
mostly mid-ocean ridge

Convergent Boundary plates colliding
together

Transform Boundary plates slip past
each other opposite directions

