















How do we know plates move away from each other?

PALEOMAGNETISM

- As magma solidifies iron in magma aligns itself to the Earth's magnetic field
- Since the Earth's magnetic field has reversed itself several times – with the North & South Pole reversing positions – the iron has also reversed orientation.

















Convergent Boundaries

- DIRECT COLLISION of two lithospheric plates
- Denser oceanic crust **SUBDUCTED** beneath lighter continental crust
- Ocean Trench forms at Subduction
 Zone























