

Topic: The Dynamic Crust

Aim

What evidence exists to support the Theory of Continental Drift?

Continental Drift -

Alfred Wegener – 1912

a theory which proposed that the continents have drifted apart over millions of years of slow movement

1.

**Continental
“Puzzle-Like” Fit**

The shorelines of North America and South America fit together with the shorelines of Europe and Africa.

2.

Fossil Evidence

- fossils of the same species were found on different continents
- fossils also indicate existence of different climates than the present continental positions (ex. fossils of corals and coal deposits from plants found in colder regions)

3.

Rock Types and Structures

Continental rocks and surface sedimentary rock layers, as well as fault and fold structures found across the Atlantic Ocean match up.