

**VIDYA BHAWAN,BALIKA VIDYAPEETH**

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**CHAPTER NAME : OUR CHANGING EARTH ( CH. -3 Geo )**

## **Key Aspects**

- **forces active behind the changes on the earth.**
- **Factors responsible for changing the Earth's surface.**
- **Earthquakes, volcanoes, wind, rivers and waves .**
- **Impact of these agents of degradation.**

**Look at the world map given carefully you will probably observe that the shapes of the continents have a familiar pattern .**

**The eastern coast of South America can probably fit into Western coast of South Africa**

**Similarly, Australia can fit near the Indian land mass in the gap which is now filled up by the bay of Bengal .**

**All continents were clustered together as a supercontinent called Pangaea, which is actually a Greek term meaning 'all Earth'.**

**The theory of Pangaea was first proposed by Alfred Wegener, a German meteorologist in 1915 AD.**

## **EARTH MOVEMENT**

**The crust of the Earth is broken into a number of large and small plates known as the 'lithospheric plates'.**

**There are seven major lithospheric plates which move externally slowly.**

**The movement occurs due to the heat generated by the molten magma inside the earth which moves in a circular manner.**

These movements which are called **tectonic movements** causes changes on the earth's surface .

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