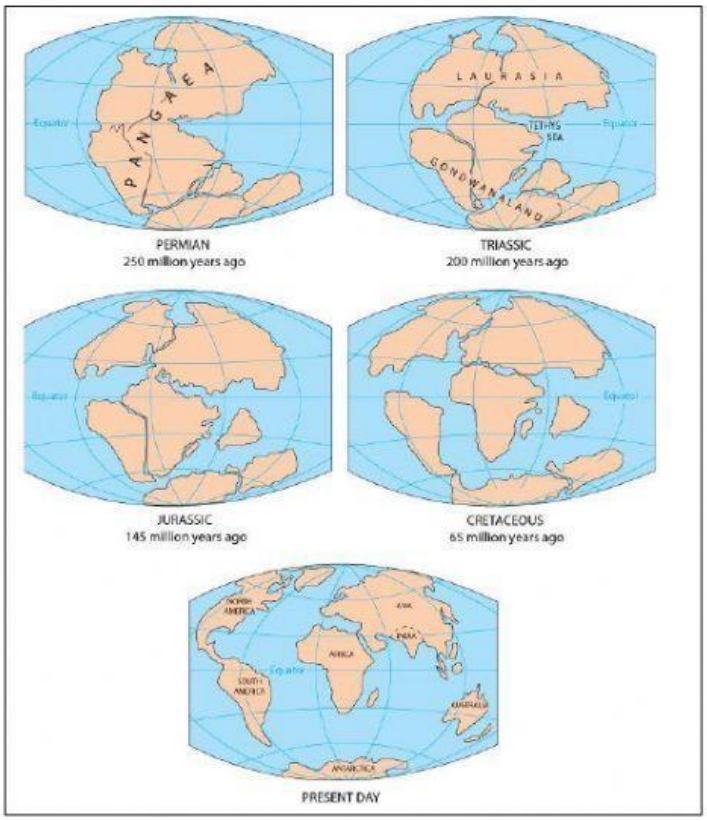


THE ORIGINS OF THE SEVEN CONTINENTS

Did you know that...

About 300 million years ago, Earth didn't have seven continents, but one massive supercontinent called **Pangaea**, which was surrounded by a single ocean called Panthalassa?

The explanation for Pangaea's formation was explained by the modern theory of plate tectonics. Plate Tectonics explains that the Earth's crust is broken into several plates that move over the mantle.

It also explains EARTHQUAKES.

Watch DOCTOR BINOCS video "What is an Earthquake?" and answer the questions.

LIVEWORKSHEETS

1. How many tectocnic plates are approximately there on the Earth's Surface?
   There are approximately _____ plates.
2. How do earthquakes occurs?
   When they _____, _____ or _____ past another plate.
3. How do you call the Surface were these plates slip?
   They are called _____ or _____ plate.
4. When do you think earthquakes happen?
   They happen _____. Sometimes we cannot feel them, but other times we can feel them although they have happened many kilometres away.
5. What is the hypocentre?
   It is the place where _____.
6. What is the Epicentre?
   It is the place where it occurs _____.
7. How do scientists measure the intensity of an Earthquake?
   They measure it with the help of a _____.
8. Why do Tsunamies occur?
   They occur because there is an _____ .

LIVEWORKSHEETS