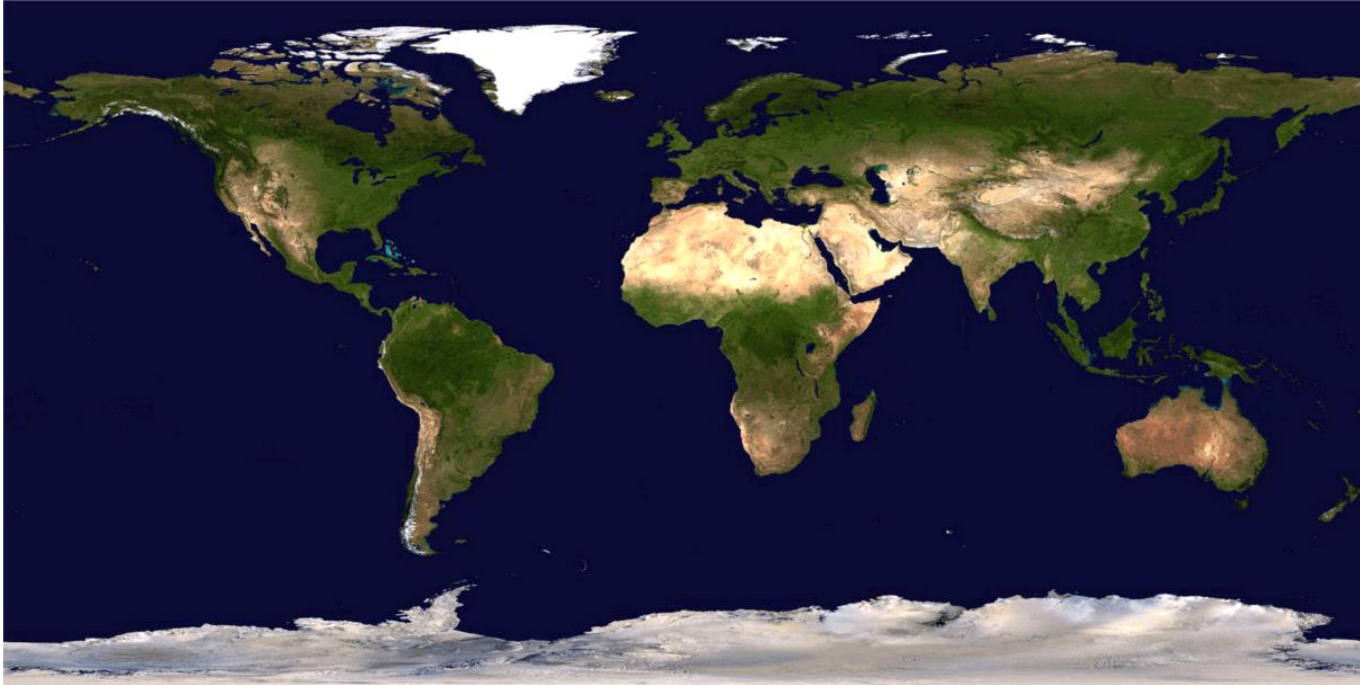


Pangaea

# Today you will learn...

- What Pangaea was
- What continental drift is
- What evidence there is to prove Pangaea existed.

**“Has the world always looked as it does today?”**



**WHAT has happened and WHY did it happen..... (and is it still happening?)**

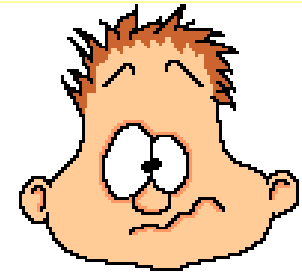
Our planet was once nothing else but molten lava with no real land on the crust, and no oceans!



When the lava cooled, the land was all in one big block, near to the South Pole; it rained for thousands of years and the land was surrounded by one big ocean!



Forces beneath the land made it begin to break up, and the bits began to move around on the surface.



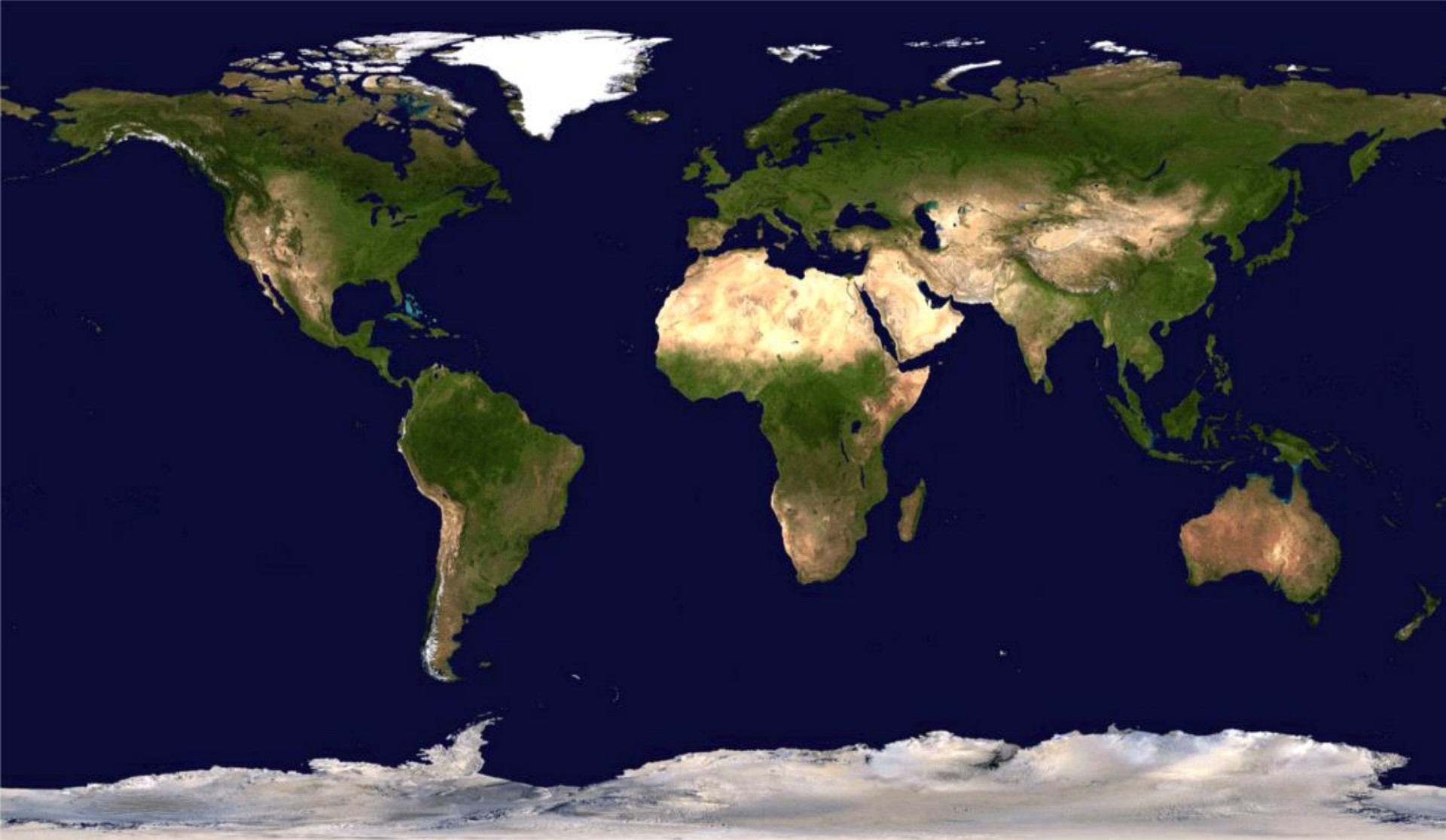
This is the super continent called Pangaea



This was located close to the south pole 150 million years ago!!



If humans were not  
around 150  
MILLION years ago,  
how do we know that  
Pangaea existed???





# Identical fossil plants found in N.America and Europe

The south American and African 'jigsaw' and there are very similar rocks found on Brazil and West Africa's coast.



Geological evidence that South America, Antarctica, India and Australia were once joined. (same rock types are present)

Now write: Evidence for continental drift.

Stick the map into your jotter and copy the 3 yellow boxes!



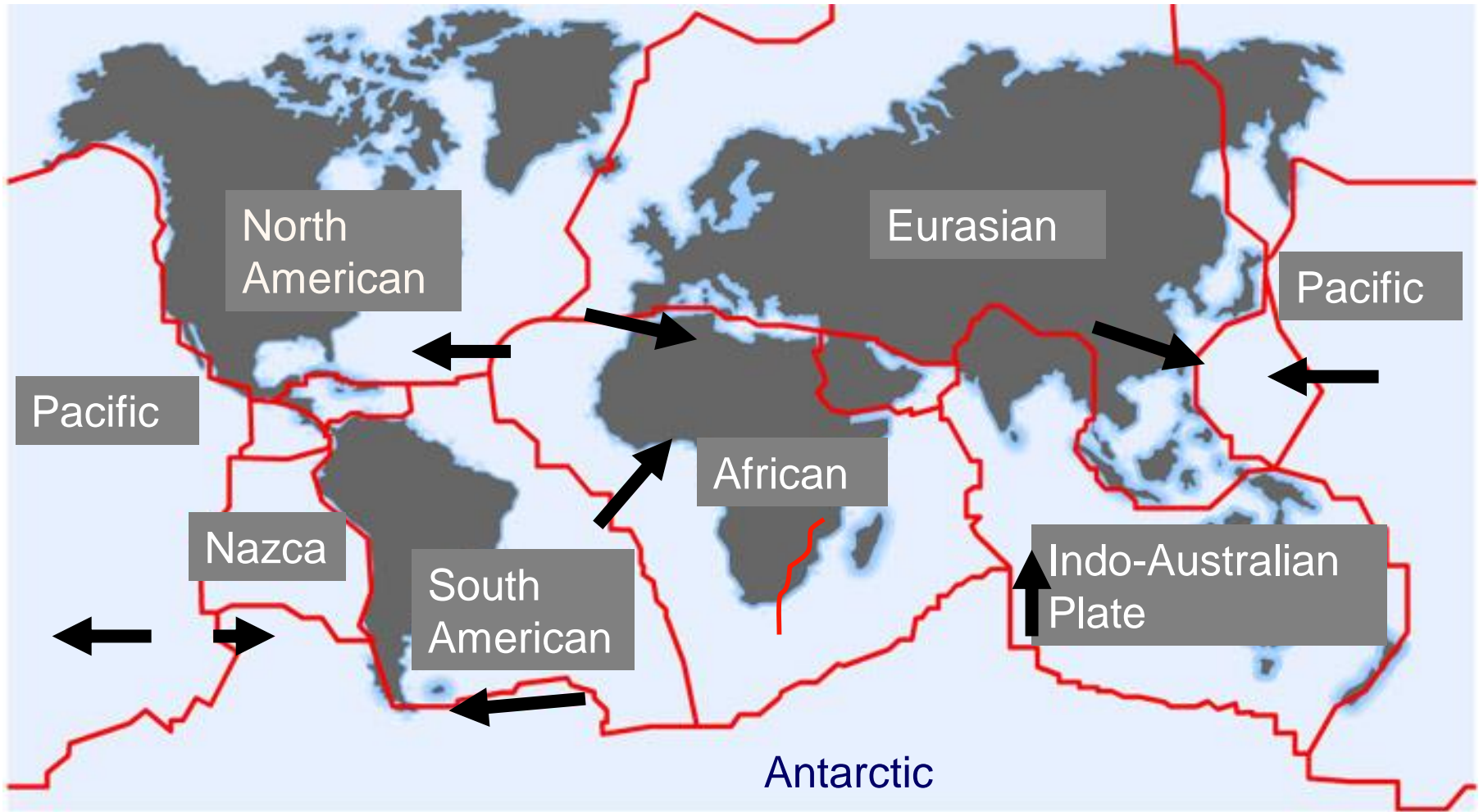
# The plates

The crust is not one solid piece of crust

Due to the Earth being round it is broken into different plates

These plates of the Earth float on top of the mantle

# Plate names



Cut out your jigsaw pieces, arrange them correctly and stick them into your jotter!

