

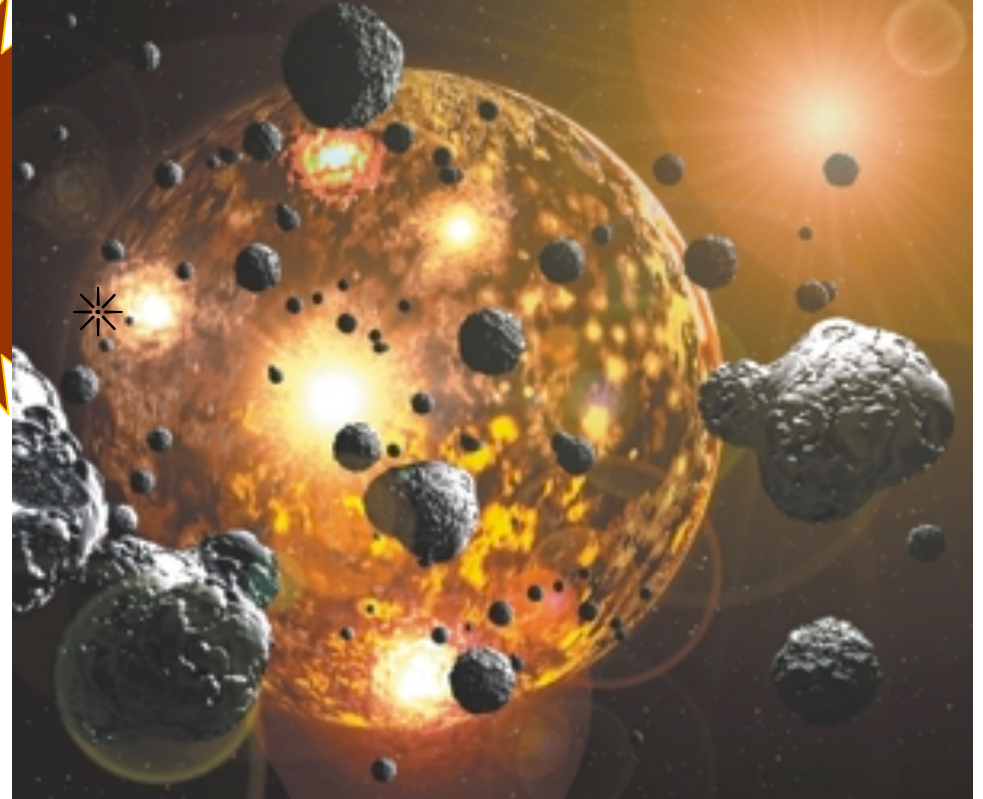


HADEAN EON (4500 – 3800 Million Years Ago)

BIG BANG



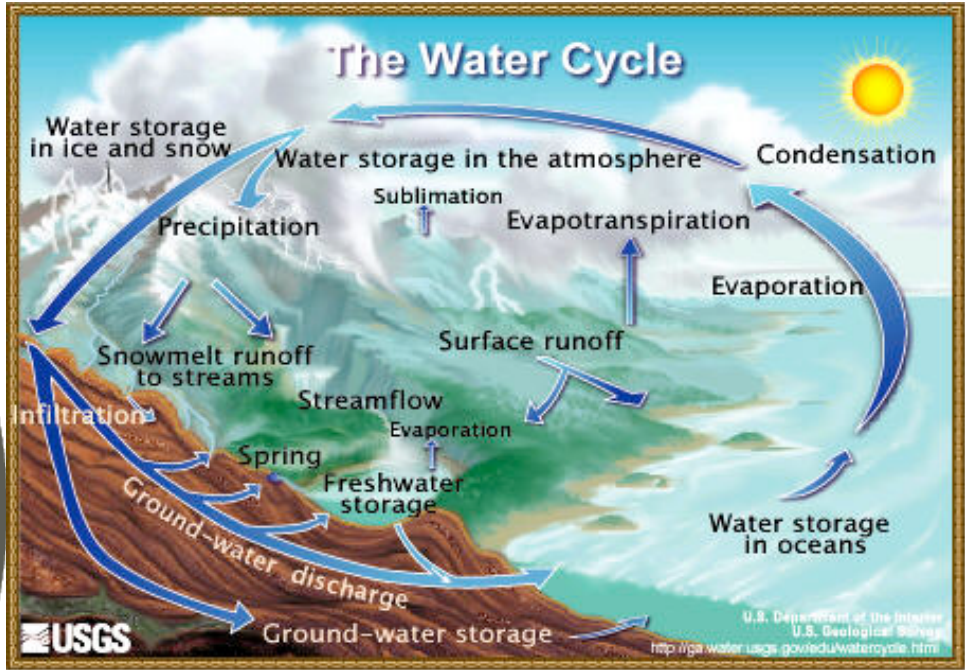
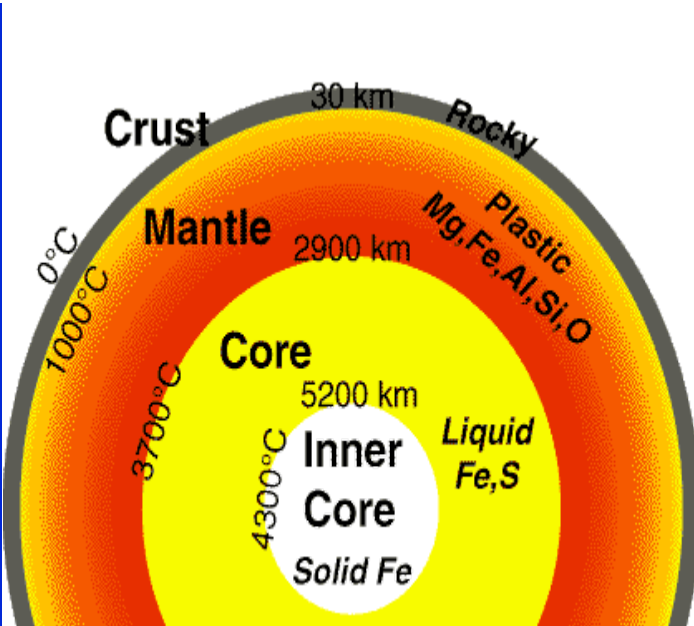
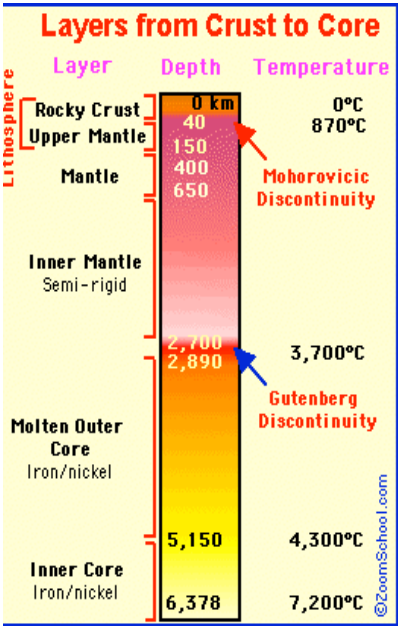
**Accretion
of Matter**



Heavy Bombardment

HADEAN EON (4500 – 3800 Million Years Ago)

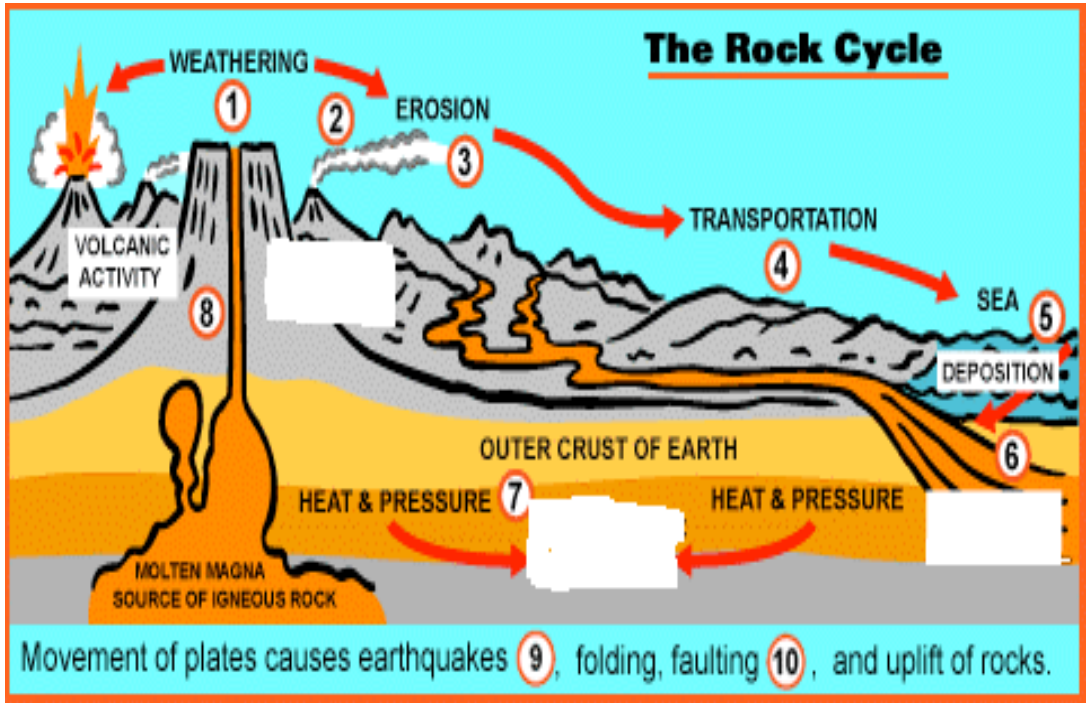
ARCHEAN EON (3800 – 2500 Million Years Ago)



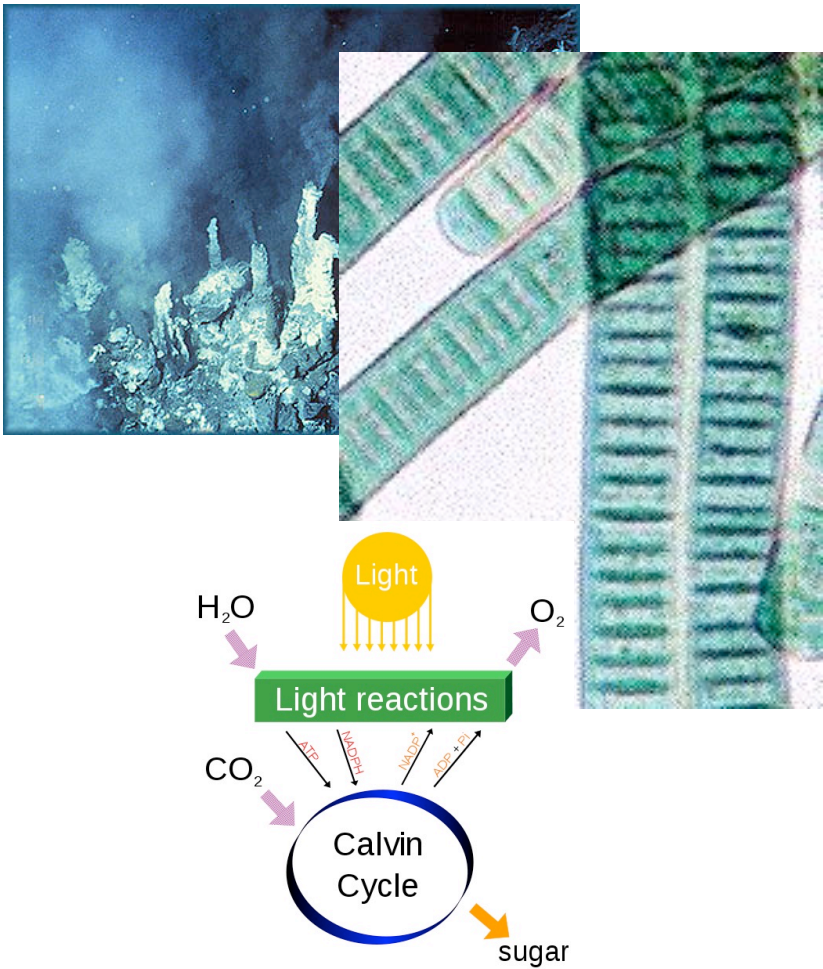
As Earth cooled, layers formed based on density of the matter.

The Hydrologic Cycle Begins

ARCHAEAN EON (3800 – 2500 Million Years Ago)



Erosion/Deposition and the Rock Cycle Begins

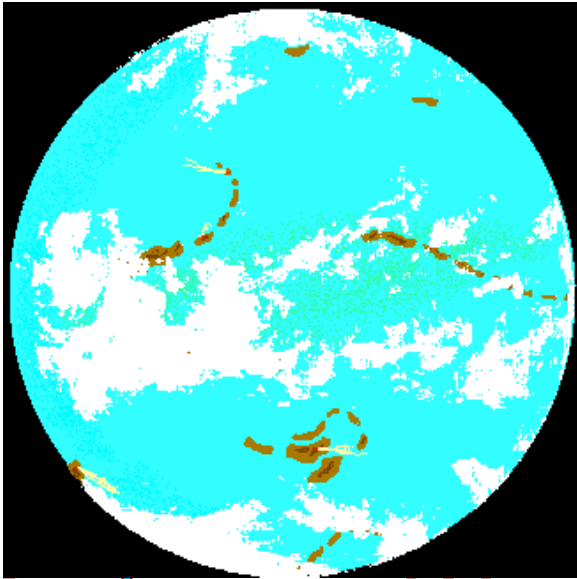


Life Begins: Fossil Record Confirms Cyanobacteria; Extremophiles may also have been present.



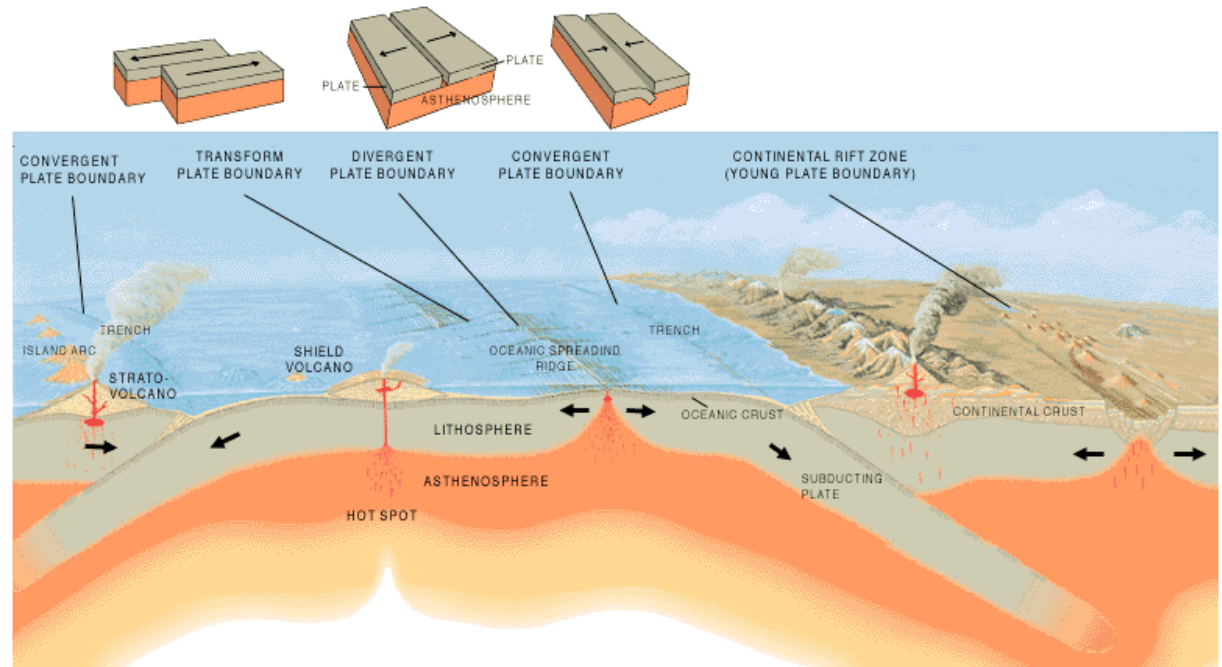
ARCHAEOAN EON (3800 – 2500 Million Years Ago)

PROTEROZOIC EON



Archaean World

Early Landmasses in the Archaean



Tectonic Activity creates more landmasses above sea level.

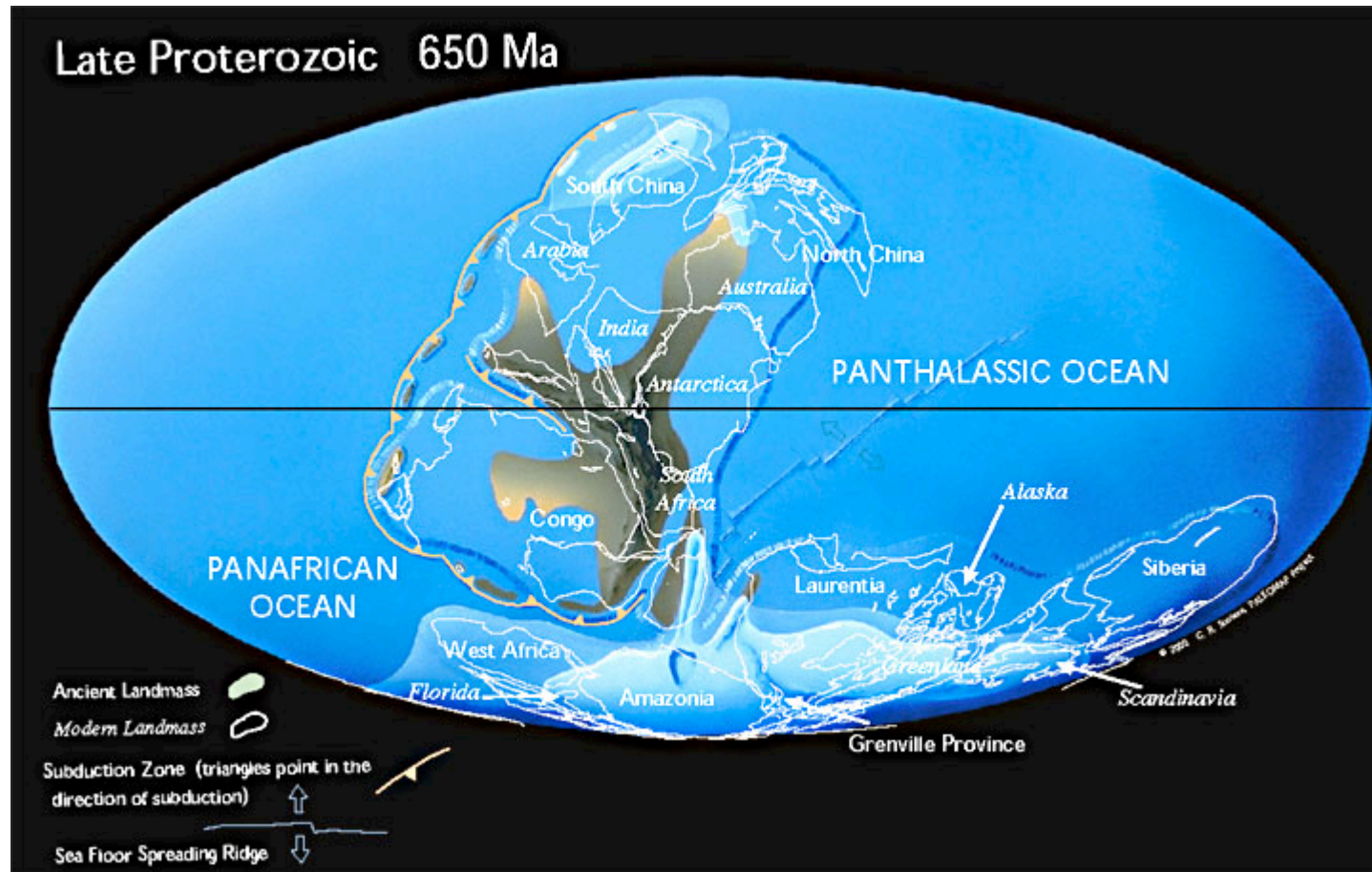


PROTEROZOIC EON (2500 – 543 Million Years Ago)



PROTEROZOIC EON (2500 – 543 Million Years Ago)

PROTEROZOIC EON (2500 – 543 Million Years Ago)



Rodinia

Earth's 1st Supercontinent

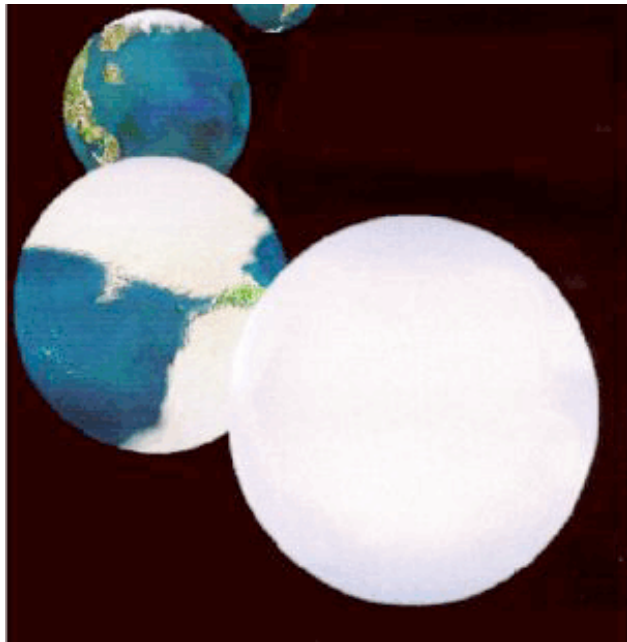


PROTEROZOIC EON

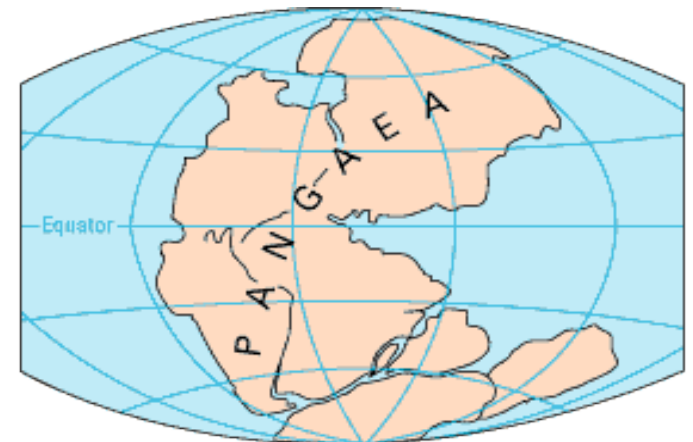
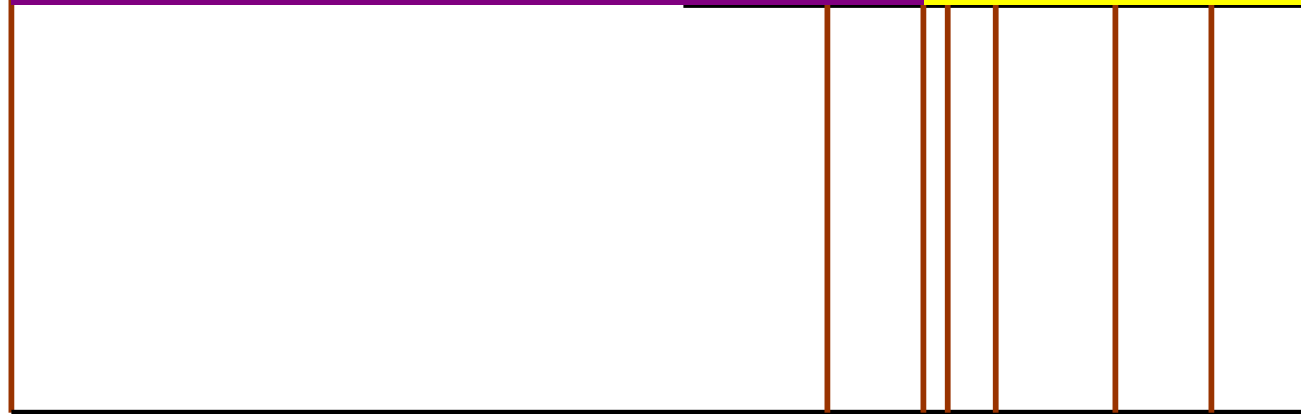
PHANEROZOIC EON (543 Million Years Ago - Present)

PALEOZOIC ERA (543 – 248 MYA)

MESOZOIC ERA



Snowball Earth



PERMIAN
225 million years ago

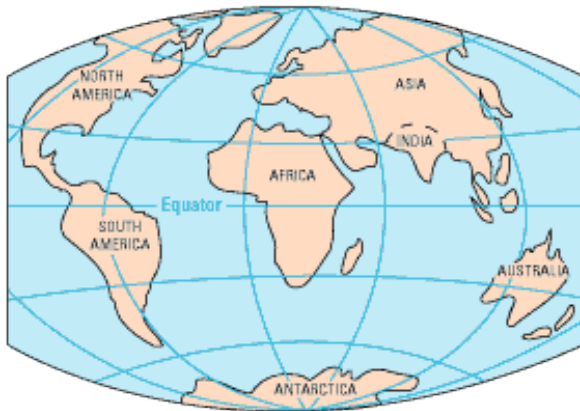
PANGAEA BREAKS APART



PHANEROZOIC EON(543 MYA-present)

MESOZOIC ERA (248-65 MYA)

CENOZOIC ERA



PRESENT DAY