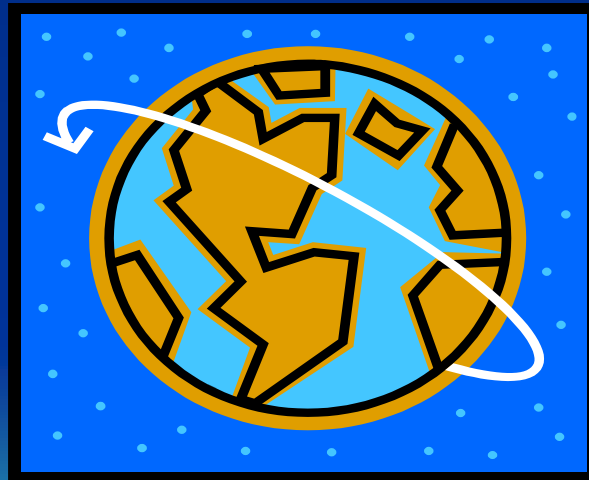


# The Layers of the Earth!



# Earth Layers



- The Earth is divided into four main layers.

\*Crust

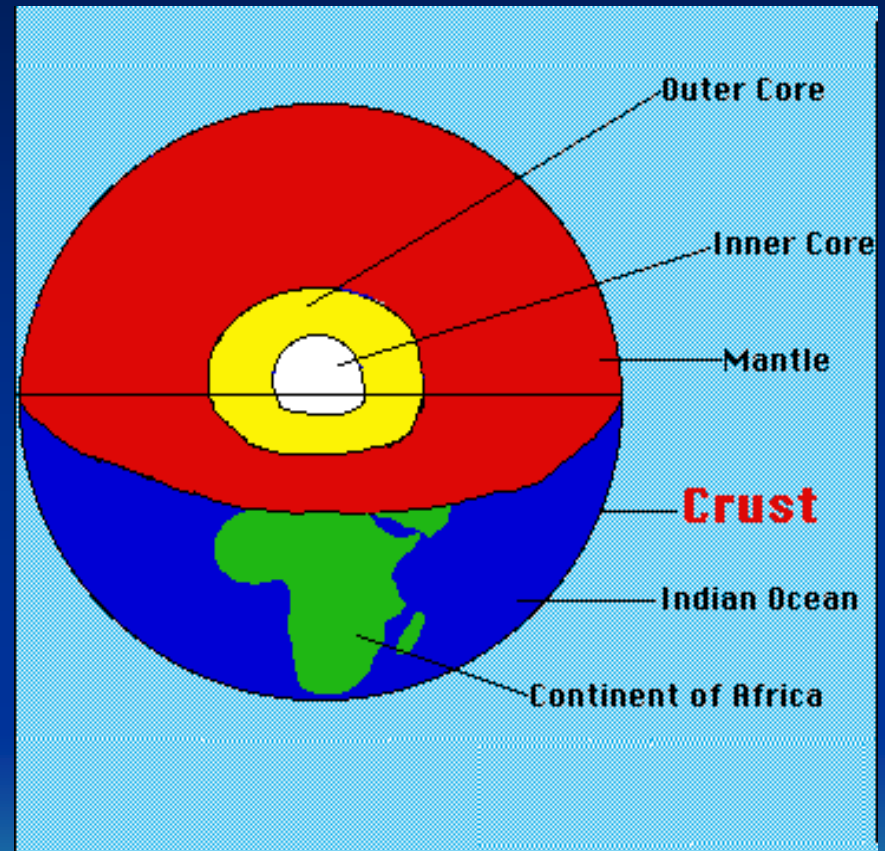
\*Mantle

\*Outer Core

\*Inner Core

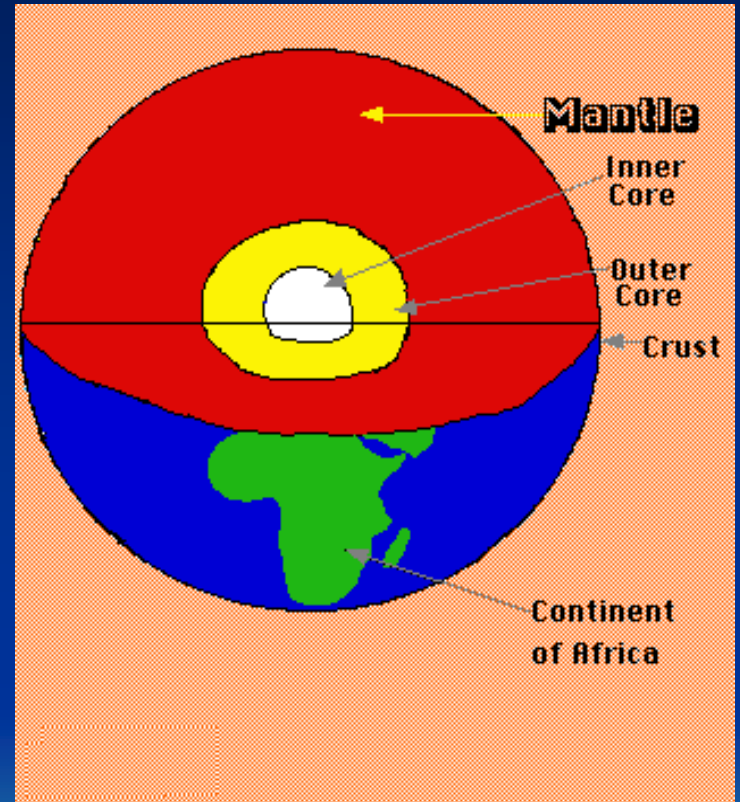
# The Crust

- \* The Earth's crust is like the skin of an apple. It is very thin compared to the other three layers.
- \* The crust is made up of soil and rocky materials.
- \* The crust of the Earth is broken into many pieces called plates.



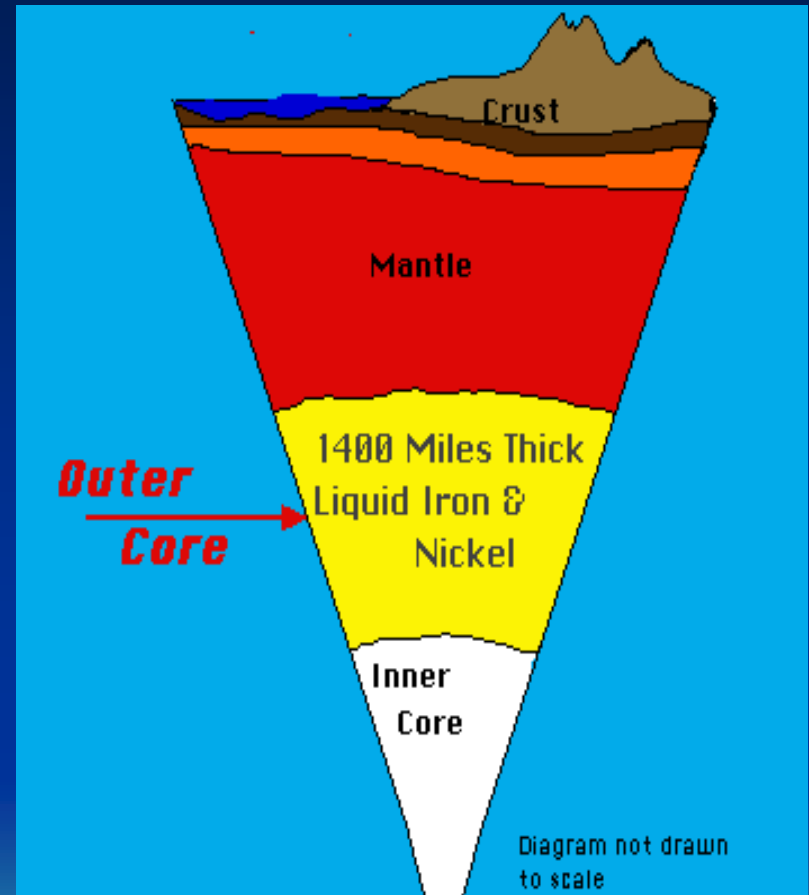
# The Mantle

- The mantle is the layer below the crust.
- The mantle is the largest layer of the Earth.
- The mantle is so hot that the rocks found there are liquid.



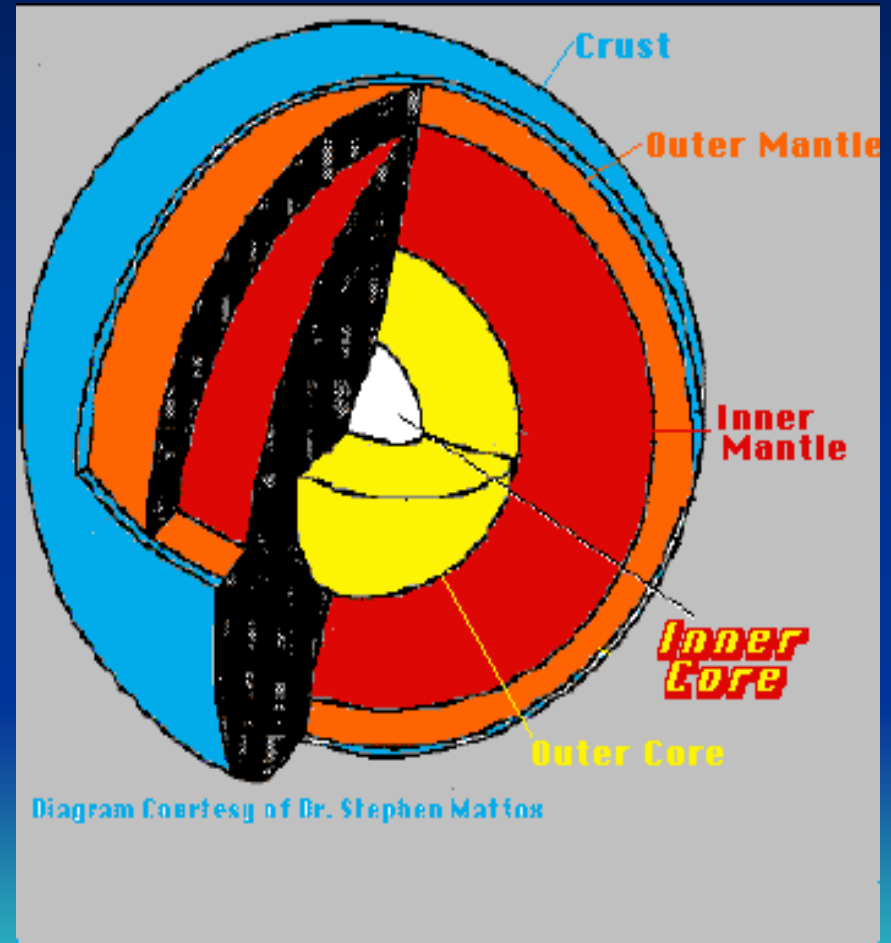
# Outer Core

- \* The core of the Earth is like a ball of very hot metals.
- \* The outer core is liquid.
- \* The outer core is made up of iron and is nickel.



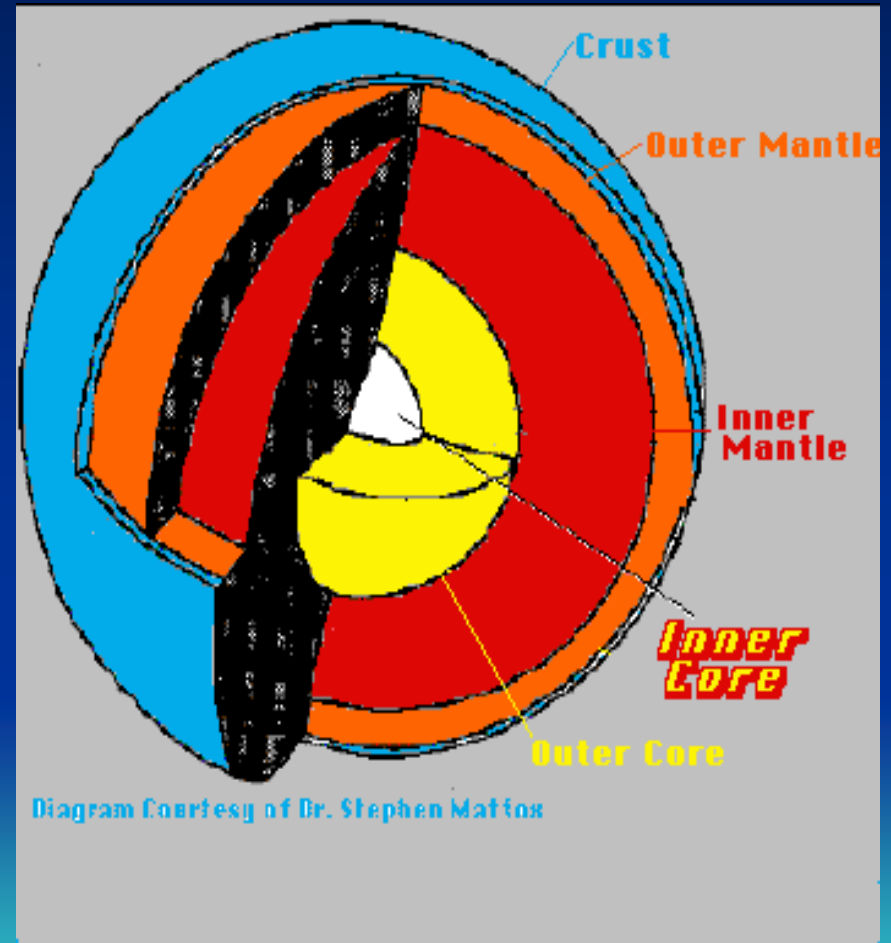
# Inner Core

- \* The inner core of the Earth has temperatures and pressures so great that the iron and nickel there are squeezed together and cannot move.
- \* The inner core is a solid.



# In Conclusion

- Temperature and pressure increase as we move from the crust to the inner core.
  - The molten rock in the mantle can shift and cause volcanoes, earthquakes, and continental shift.



# Review

- 1) What are the four layers of the Earth?
- 2) The Earth's crust is very \_\_\_\_\_?
- 3) The mantle is the largest layer of the Earth? True or False
- 4) Is the Outer Core a liquid or a solid?





# Answers!

- 1) Crust, Mantle, Outer Core, Inner Core
- 2) Thin
- 3) True
- 4) Liquid

