



Scale Diagram

- You will calculate and accurately draw a scaled diagram of the inside of the Earth, with its 'Mechanical' layers
- Use the diagram on the next slide for details and thicknesses of the layers
- Use a metric ruler with millimeters!!!
- Make lines forming what looks like a slice of pizza, originating from the bottom center of the paper, representing the center of the core
- The top arc represents the Earth's surface
- Measure from the bottom center to the top arc along one of the lines
- This measurement (in cm) represents the 6400 km radius of the Earth
- Make a scale, calculating how many km (real life) are in 1 cm
- Label all layers and include their thicknesses (km)
- The troposphere is ABOVE the Earth's surface
- Color in the regions OR outline their boundaries
- Double check your accuracy!