

Physical Layers: (Right Side)

Lithosphere/Asthenosphere	Actual = 140 km	Model = _____ cm
Asthenosphere/Mesosphere	Actual = 390 km	Model = _____ cm
Mesosphere/Outer Core	Actual = 2940 km	Model = _____ cm
Outer Core/Inner Core	Actual = 5150 km	Model = _____ cm
Center of Inner Core	Actual = 6378 km	Model = _____ cm

9. Repeat your measurements from the bottom and from each side prospectively: Connect your measurement lines to create half spheres (kind of like onion layers).

10. Now for fun, calculate and draw the following features:

Height of Mt. Everest	Actual = 8.85 km	Model = _____ cm
Deepest Ocean Trench	Actual = 11.03 km	Model = _____ cm
Deepest man-made hole	Actual = 12.26 km	Model = _____ cm
Space Shuttle Orbit	Actual = 643 km	Model = _____ cm

11. Label each layer and include a brief description of each.

12. Lastly, double check to make sure everything is neat. Then add final touches such as color and anything else you think will make your model stand out.

RUBRIC:

Neat and Colorful (5pts)	_____
Name/Date/Hour (3pts)	_____
Titles neat/ color (6pts)	_____
Spheres calculated and drawn correctly (8pts)	_____
Extra Features calculated and drawn correctly (4pts)	_____
Labels of Layers (8pts)	_____
Descriptions of Layers (16pts)	_____
Total points:	_____