

Name: \_\_\_\_\_

Date: \_\_\_\_\_

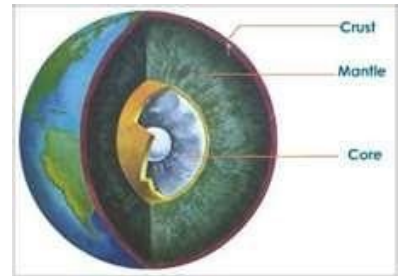
**Earth's Crust WebQuest Questions**  
**Explore the Earth's layers through various websites.**

**Directions:** Use the websites listed below to help answer the questions.

- [http://www.harcourtschool.com/activity/science\\_up\\_close/606/deploy/interface.html](http://www.harcourtschool.com/activity/science_up_close/606/deploy/interface.html)

- **Directions:** Use the first link to answer the following questions:

1. How thick is the inner core?
2. In what direction does the inner core rotate and at what rate of speed?
3. What is the temperate of the inner core?
4. The outer and inner cores contain what two metals?
5. How thick is the outer core?
6. How thick is the mantle?
7. What makes the rock more fluid in the mantle?
8. What makes rock more rigid in the mantle?
9. Describe how the rock flows in the asthenosphere.
10. What does "litho" mean?
11. What do the huge rock plates carry?
12. How thick is the crust?



**Directions:** Use google to research the answers to the following questions

13. Name the four layers of the Earth from the outside to the center of the Earth.

14. Draw and label a diagram of the Earth's layers in the space below.

15. Define:

a. Sedimentary rock

b. Metamorphic rock

c. Igneous rock