

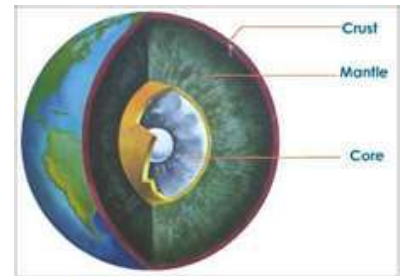
Name: \_\_\_\_\_

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

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

**Directions:** Easy Way for links ☺ Please visit my teacher website to access the correct weblinks for this webquest. Go to [http://mysite.cherokee.k12.ga.us/personal/todd\\_ashwell/site/default.aspx](http://mysite.cherokee.k12.ga.us/personal/todd_ashwell/site/default.aspx) . Click on the Environmental Science tab, then go to Chapter 3 Links.

- [http://www.harcourtschool.com/activity/science\\_up\\_close/606/deploy/interface.html](http://www.harcourtschool.com/activity/science_up_close/606/deploy/interface.html)
- <http://www.divediscover.who.edu/anatomy/index.html#>
- <http://www.fi.edu/fellows/fellow1/oct98/create/index.html>
- <http://www.engagingscience.org/games/onlinegames/games.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 the second link to answer 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.

**Directions: Use the third link to answer the following questions.**

15. Define:

- a. Sedimentary rock
- b. Metamorphic rock
- c. Igneous rock

**Directions: Use the fourth link to answer the following questions.**

16. Click on the final link and test your knowledge of rocks. Go to the H.R. MacMillan Space Center graphic and play "This is Your Life". Write your score on your paper before turning in your completed assignment to the teacher.