Chapter 2 Study Guide
Read Chapter 2 for an overview of the sea

Vocabulary: type definitions for the following terms
1. Habitat
2. "World Ocean"
3. Core of the Earth
4. Mantle
5. Ocean crust
6. Continental crust
7. Continental drift/Plate Tectonics
8. Mid-Ocean Ridge
9. Trench
10. Rift
11. Sea Floor Spreading
12. Subduction
13. Island Arc
14. Pangea/Geodwana/Laurasia
15. Calcium Carbonate (CaCO3)
16. Hot Spot
17. Seamount

18. Name 4 main ocean basins.

19. List facts about the origin/structure of the earth.

20. List facts about the concept of plate tectonics.

21. Explain why you think it is important to study plate tectonics in Marine Biology.

22. Study figure 2.24 diagram and list eight characteristics of deep sea hydrothermal vents. Read pages 351 and 352 for more information.

23. Describe the difference between mid ocean ridges (see fig 2.9) and Subduction zone. (see fig 2.11 or 2.12)

24. Draw and Label 2.9

25. Draw and label 2.11

26. Draw and Label 2.16

27. Draw and Label 2.24