

Don't forget to have your worksheet stamped at the front desk when you finish!



SEYMOUR CENTER AT LONG MARINE LAB

"Why is Science Important?" (Green Pod)

1. Why is science important and what does it help us do?
2. What did Russ Flegal's lead testing of water samples in southern California reveal? How did he explain his results? What does this tell us (not on the board, use your head)?
3. List examples of trace metals we are putting into the environment and their human source.
4. Which long range sense is most valuable to pinnipeds? Why?
5. What type of pollution are Ron Schusterman and his research group concerned about?

6. How does Peggy Delaney obtain her mud samples for testing? What can scientists learn from studying mud cores?

7. Watch the video and describe what Peggy Delaney likes about working on the Ocean Drilling Project.

8. What is one of Terrie Williams' theories about how dolphins conserve energy while swimming? Write a possible hypothesis for this theory?

9. What is Terrie Williams' reason for choosing to study dolphin physiology?