

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



SEYMOUR CENTER AT LONG MARINE LAB

## Puzzling Pod

1. Utilizing the entire “Jim Estes” display, go through the steps involved in reaching a conclusion regarding the decline of sea otters in Alaska. Puzzle out the conclusion using all the information available to you.

2. What is the role of sea otters in kelp forest habitats? What might happen to the kelp forest without otters?

3. What is marine snow made of, and how is it important to life in the ocean?

4. Use the microscope to find and sketch one of the organisms that lives in and around marine snow.

5. Name two scientific tools Mary Silver uses to study marine snow and describe how they help in her research.

6. Describe the life history of rock fish. How does this compare to salmon?

7. Which of these two species faces a greater diversity of challenges throughout its life? Explain.

8. What is an otolith? How do scientists use otoliths to study fish?