

Name _____

Exploring Marine Science at the Seymour Center

Shipwreck Deck and Breezeway: Scavenger Hunt



SEYMOUR CENTER AT LONG MARINE LABORATORY

Read all the questions below, then choose at least three to answer from this area.

- 1) Describe in detail four things you observed from the deck, either through the spotting scopes, or with the naked eye.

- 2) What kind of forest is visible from the deck?

- 3) How fast can these underwater plants grow?

- 4) What have UCSC scientists discovered about the kelp forest's importance?

- 5) List four observations you made from the deck and pathway.

- 6) Using the map in the breezeway, explain why the Monterey Bay and surrounding area was designated as a National Marine Sanctuary in 1992.

- 7) Which of the education and research centers located along the edge of the Monterey Bay, have you visited (or would like to visit)?

Exploring Marine Science at the Seymour Center

Shipwreck Deck and Breezeway: ANSWER KEY



SEYMOUR CENTER AT LONG MARINE LABORATORY

Read all the questions below, then choose at least three to answer from this area.

- 1) Describe in detail four things you observed from the deck, either through the spotting scopes, or with the naked eye.**

Possible responses:

- 1) Brownish splotches on the ocean surface (tops of kelp forests).
- 2) Pumps and tanks to the right (the sea water systems).
- 3) Marine animals in the water: otters, harbor seals, sea birds.
- 4) Gray whale skeleton.

- 2) What kind of forest is visible from the deck?**

Kelp forest

- 4) How fast can these underwater plants grow?**

Up to 10" per day

- 5) What have UCSC scientists discovered about the kelp forest's importance?**

The kelp forest is home to many animals and seaweeds. It serves as a nursery for young rockfish and a place for some fish to hide from predators. Kelp is food for sea urchins.

- 6) List four observations you made from the deck and pathway.**

Possible responses:

- 1) There is a ship's mast on the cliff.
- 2) All the plants between the deck and the cliff are native plants.
- 3) Animals swimming in the bay.

- 7) Using the map in the breezeway, explain why the Monterey Bay and surrounding area was designated as a National Marine Sanctuary in 1992.**

Few places on earth can match the richness of marine life found in Monterey Bay.

- 8) Which of the education and research centers located along the edge of the Monterey Bay, have you visited (or would like to visit)?**

Possible responses: Seymour Center, Long Marine Lab, California Department of Fish and Game, Monterey Bay Aquarium.