A. Exhibit on Plant-Like Animals

1. Give an example of the name of a "plant-like" animal _______________________________

2. What evolutionary advantage might be gained by such an appearance?

B. Exhibit on Echinoderms

1. What is an echinoderm?

2. Describe some of the features of a typical echinoderm.

C. Exhibit on Shark Egg Cases

1. Draw a picture of a shark egg case and label the type of shark below it.

D. Exhibit on Territorial Fish

1. List some of the Common names of territorial fish: ________________________________
2. What are the advantages and disadvantages of territorial behavior?

E. **Exhibit on the Moray Eel**

1. What is the relationship between the Red Rock Shrimp (*Lysmata californica*) and the Eel?

F. **Exhibit on Camouflage**

1. List both the Common name and Scientific name of a species of fish that uses camouflage:

_____________________________________________________________________________

2. Find and list at least four reasons why certain fish change color:

G. **Exhibit on Kelp Forest and Sea Otters**

1. Describe what is special about the Sea Otter fur and their basal metabolic rate.

H. **Exhibit on the Mudflat Metropolis**

1. Describe some of the physical characteristics of a mudflat and where they might be found:

2. Why do some scientists consider the mudflats to be the "cradle of life"?
I. Exhibit on Bioluminescence

1. How does bioluminescence in marine organisms occur?

2. Identify at least three ways that bioluminescent light is used by marine vertebrates in the ocean:

J. Exhibit on Deep Water Animals

1. What special modifications can you observe on marine vertebrates of the benthic domain?

K. Exhibit on Sharks and Rays

1. How does the Pacific Electric Ray produce voltage for an electric shock?

L. Exhibit on Whales and Dolphins

1. What are the major differences between baleen whales and toothed whales?

2. In what ways is the flipper of a whale similar to the human hand?