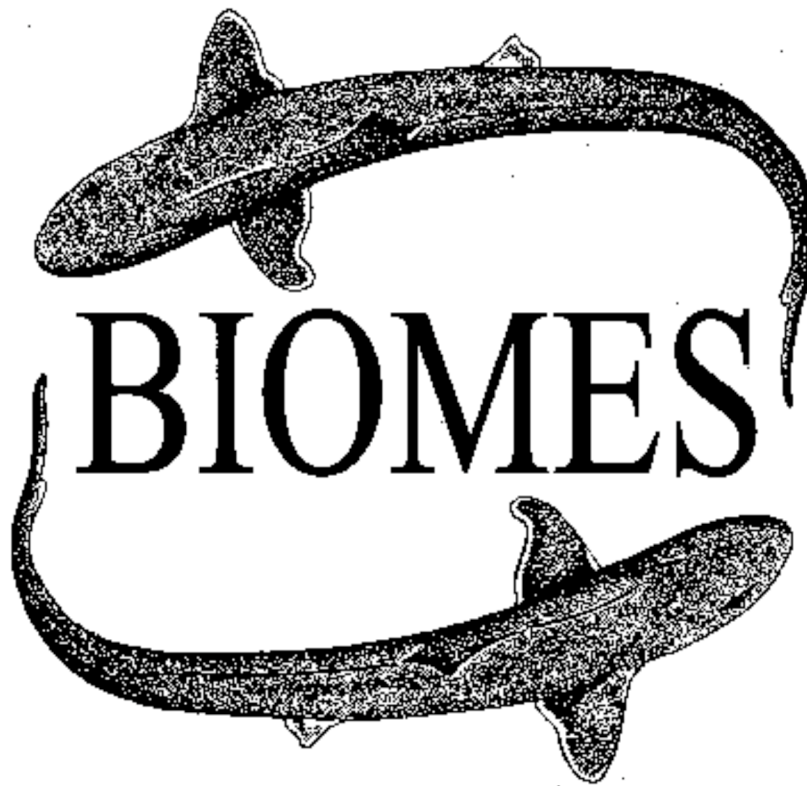


BIOMES MARINE BIOLOGY CENTER
IN-CLASS PROGRAM #01
“INTRODUCTION TO MARINE ANIMALS”
Teacher’s information packet



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PRE-PROGRAM INFORMATION

IN-CLASS PROGRAM #01 'INTRODUCTION TO MARINE ANIMALS'

In-class program #01 is a live animal demonstration featuring a wide variety of local marine life. The program lasts approximately 45 minutes.

The animals will be displayed, one at a time, in our portable sea water trays. So that all students are able to view the demonstration we usually set up on the floor of the room. Students will be arranged in two semi-circles; one row seated on the floor and the other row sitting in chairs directly behind the first row. (**About 12 chairs should be made available for the program.**) Our staff will ask that an area of the classroom be cleared. If this is done in advance it will save prep time and allow us to spend more time discussing the animals.

If more than one session is to be presented at your school **we require that we set up in one room and have the students come to us.** This is done for the health of the animals.

We encourage classroom teachers to actively participate in the program. Because of the format described above, there is a strict limit of 25 students per session.

There will be a fee of \$15/half hour charged if there is more than a half hour break scheduled between sessions.

We will bring an invoice with us. You may have a check ready that day or simply mail it after the program.

OUTLINE (will vary slightly with grade level)

- A. What are marine animals?
 - 1. Vertebrates and invertebrates
- B. The spiny skinned animals
 - 1. How animals are related
 - 2. Sea star, brittle star, sea urchin
 - a. Protection, feeding and locomotion
 - b. Regeneration
- C. The shellfish (Mollusks)
 - 1. Bivalves; Clam
 - 2. Univalves; whelk
 - a. Protection, feeding and locomotion
 - b. Habitats
- D. The crustaceans
 - 1. Crabs and Lobsters; Spider crab, horseshoe crab, lobster
 - a. Protection, feeding and locomotion
 - b. The exoskeleton
- E. Fish
 - 1. Minnow, seahorse, and pufferfish
 - a. protection, feeding and locomotion
 - b. Camouflage