

Visiting Classroom Programs for Special Needs Students 2007-2008

Introductory Programs:

Length: 45 minutes*

1. Intertidal Animal Investigation: Grades: Pre-K* – 3

Students investigate the adaptations of seashore animals including sea stars, hermit crabs, sea snails and sea urchins. **(pre-k programs are about 30 minutes depending on attention span)***

2. Hermy, The Hermit Crab goes Shopping: Grades: K – 3

Students listen to the delightful story of a crab that finds adventure while looking for a new shell and exploring the underwater world. They then interact with the live animals found in the story.

3. Fish Printing with Fish Anatomy (when age appropriate): Grades: K – 3

Students examine the external anatomy of a marine fish and use fish replicas for Gyo-taku, the ancient art of fish printing.

Intermediate Programs:

Length: 60 minutes

4. Sea Soup: Grades : 2-5 ***NEW PROGRAM***

Using microscopes, students explore the watery world of plankton. Identification and comparison of phytoplankton and zooplankton along with the life cycle and food chain are all concepts that will be introduced during this program.

5. All the Way to the Ocean: Grades: 2 - 6

After reading "All the Way to the Ocean" Students participate in several hands-on activities that highlight the interrelationship between **(LIVE)** tidepool animals and ocean pollution.

6. Outrageous Artifacts: Grades: 4-8

(recommended for small groups of up to 12 to sit around a table)

Students explore and discuss different and unusual marine artifacts, including a shore bird, shark jaw and crab molt.

7. All About Sharks: Grades: 4-8

(recommended for small groups of up to 12 to sit around a table)

Students explore the difference between sharks and bony fish. They recreate the dimensions of different shark species including the great white. Program introduces shark adaptations using artifacts such as skin, jaws and teeth. Conclusion includes human impact on shark populations.

Advanced Programs:

Length: 60 minutes

8. In Your Own Backyard: Grades: 6 -12

Using a model, students will observe the effects of pollutants including fertilizer, pesticides, animal waste and trash on our watershed. This hands-on program emphasizes the water cycle and water conservation. **(Availability of sink in classroom is required)**

9. Squid and Fish Dissection: Grades 6 – 12

Students participate in a fish and squid dissection where they will examine and compare both animal's external and internal characteristics. **(Availability of sink in classroom is required)**