

**Visiting Classroom Programs for Special Needs Students
2011-2012**

Program Options

Length: 50 minutes

Safari into the Intertidal Zone: Grades: Pre K – 3

Learn about the adaptations necessary for animals to survive in this harsh environment. Students interact with live sea stars, urchins, hermit crabs, and many other local residents of California's tide pools in this hands-on experience! (Length can be adjusted to accommodate specific needs)

Fish Printing with Fish Anatomy (when age appropriate): Grades: K – 6

Students examine the external anatomy of a marine fish and use fish replicas for Gyo-taku, the ancient art of fish printing. Then, the adaptations and characteristics of live tide pool animals are compared to fish.

Smiley the Shark: Grades: 1 – 3

Join us on a new exploration comparing the feeding strategies of local marine organisms. After reading *Smiley the Shark* by Ruth Galloway, students examine what and how different marine animals eat. Live tide pool animals and shark artifacts showcase the diversity of adaptations in the marine environment.

If a Dolphin Were a Fish: Grades: 3-6

Students investigate how a dolphin might be similar to a human, but different from other marine animals. Live animals, artifacts, and interactive activities allow the students to discover which characteristics are unique to all mammals.

All the Way to the Ocean: Grades: 3 - 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.

Welcome to Your Watershed: Grades: 5 -12

Students learn about the hydrologic cycle and what lives in a watershed. A hands-on demonstration with a model of a watershed demonstrates the effect of human impact on this fragile environment. An interactive discussion and examination of live tide pool animals reinforce the connection between pollution and a healthy ecosystem, including what can be done to maintain the health of a watershed and drives home the point of why everyone needs to understand how we affect our local watershed.

Living Systems: Grades 5 – 12

Examine internal systems of fish through a detailed dissection focusing on digestion, circulation, and respiration. The program emphasizes several adaptations and biotic relationships within ocean communities.