STEM Inventory

Entry# 100

Classroom Programs

Org-Type Non-Profit-based

LeadAquarium of the BayPoCN/APoC-Phone415-623-5300PoC-EmailN/A

Address PIER 39, Embarcadero at Beach Street, San Francisco CA 94133

URL

Service-Region Bay Area

Type Student Program

Subjects General Science | Biology | Earth Science | Environmental Science

Level Elementary School (K-5th grade) | Middle School (5-8th grade) | High School (9-12th grade)

Other-Objectives

Program-Title

Served-per-Year Demographics

Content

The classes we offer focus on inquiry based learning where students generate questions and are challenged to answer through guided discussions, scientific activities, games and hands-on experiences. Programs can be modified to meet the needs of students in grades K - 12. Currently there are 7 topics offered: Fish Tales, Flukes and Flippers, Food Web of the Bay, Life on the Rocks, Microscope Magic and Plankton Power, Shark Discovery, and Wack Wetlands and Super Sloughs. A short description of 3 of the programs are listed below: Life on the Rocks: Students learn what adaptations tidepool invertebrates have that allow them to live along California's rocky coastline. Through hands-on activities, students will explore how these small creatures can survive the pouding waves. They will also learn how to handle live animals and how human's can impact these animals lives. This 2-hour class also includes a guided tour of the Aquarium. Shark Discovery: Explore the world of cartilagenous fish! This class discusses the facts and myths surrounding sharks, rays, and skates. Through hands-on activities, students will discover the importance of sharks in marine environments, as well as the tremendous threats they face. This 2-hour class also includes a guided tour of the Aquarium. Flukes and Flippers: Explore the natural history of marine mammals and the special adaptations that allow these animals to live in a marine environment. Students will learn about the environmental problems faced by these incredible animals and what we can do to help protect them. This 2-hour hands-on class also includes a guided tour of the Aquarium.

Outcomes

Through the program we hope to inspire students to develop an interest in marine life. Students will learn fascinating facts about marine life and hopefully that will nudge them forward to pursue a future in science.

Started Funded-Through

Length

Primary-Funding Primary-\$

Materials

Other-Funding

How-Assessed

Best-Practice-Why

Promising-Practice

Sponsor Sponsor-Org

Sponsor-Phone Sponsor-Email

Other-Orgs