

# BAY IT DOCENT TRAININGS

## 1. WHY WE NEED YOU!

Learn about your role as a docent and get your questions answered as we review all the Marina Experience education and recreation programs and our “green” buildings.

DATE: Thursday, October 13, 2016  
TIME: 9:00 a.m. – 12:00 noon



Hydrology on the dock

## 2. QUAKES, QUACKS AND CONQUISTADORS

An introduction to history of the Bay including early animal life, Indian and Spanish settlements, and human impact on the Bay.

DATE: Friday, October 14, 2016  
TIME: 9:00 a.m. – 12:00 noon

## 3. THE BAY TODAY

The latest information on the problems and triumphs concerning the state of the Bay today. Includes viewing “Saving the Bay” & “Synthetic Seas”.

DATE: Thursday, October 20, 2016  
TIME: 9:00 a.m. – 12:00 noon

## 4. CREATIVE TEACHING

Lecture and discussion on how to work with groups of students: discipline; creative teaching; gearing talks towards specific grade levels; learning how to keep and hold the attention of your group.

DATE: Friday, October 21, 2016  
TIME: 9:00 a.m. – 12:00 noon

## 5. TRY IT YOU'LL LIKE IT!

Practice and discussion on how to work with groups. Learn how to interpret the exhibits here at the Nature Center. Bring something from home to interpret.

DATES: Thurs - Fri, Oct. 27 & 28, 2016  
TIME: 9:00 a.m. – 12:00 noon

## 6 & 7. FINS, SCALES AND GILLS

In these classes, we explore the ins and outs of fish and sharks that live in the Bay. Through activities like fish printing and internal and external anatomy, you'll learn some exciting ways to teach children.

DATES: Thurs - Fri, Nov. 3 & 4, 2016  
TIME: 9:00 a.m. – 12:00 noon



Helping 2<sup>nd</sup> graders with the anatomy of a fish

## 8 & 9. FEATHERED FRIENDS

This program introduces the life skill of bird watching. Through multimedia presentation, activities and hands-on stations: feathers, conservation, bird sounds, feeding and a practice walk to identify local marine and land birds.

DATES: Thurs - Fri, Dec. 1 & 2, 2016  
TIME: 9:00 a.m. – 12:00 noon



Examining a feather in the bird program

## 10. & 11. FLUKES AND FINS

Explore coastal marine mammals through slides and lectures. Hands on artifacts will help you teach about feeding, conservation, insulation and sounds.

DATES: Thurs - Fri, Jan. 5 & 6, 2017  
TIME: 9:00 a.m. – 12:00 noon

## 12 & 13. BAY SCIENTIST, ME?

A field and lecture class exploring rocky shore and dock habitats. You will handle a variety of marine life, investigate water chemistry, and explore the world of plankton.

DATES: Thurs - Fri, Feb. 2 & 3, 2017  
TIME: 9:00 a.m. – 12:00 noon



## 14. & 15. SEASHORE SECRETS

A field and lecture class focusing on the local habitats. You will learn techniques for studying shoreline/dock residents, by examining rocks, mudflats, under the docks and on floats.

DATES: Thurs – Feb 23, 9 a.m. – 12 p.m.  
Fri. Feb. 24, 2 p.m.-5 p.m. (low tide)



Sailing on the “Pegasus”

## 16. INTRODUCTION TO SAILING

You will go out on the Bay for a two-hour basic sail training. It will train you for the sailboat trips for 4<sup>th</sup> graders and up. Land activities include: nautical terms, navigation, binoculars and handling lines.

DATE: Saturday, March 4, 2017  
TIME: 9:00 a.m. – 2:00 p.m.

## STRAW BALE NATURE CENTER

This building features passive solar and photovoltaic systems, heat radiant flooring, and recycled and salvaged wood materials. The classroom has state of the art microscopes and two 200 gallon aquariums to teach with.

## 32ND ANNUAL SHORELINE CLEANUP

On September 17, 2016, docents help set up and run this event for 800 people. Meet at the Nature Center 9 a.m.-12 p.m. Data tallying lunch party afterwards.

## 3RD SAT. SHORE CLEANUPS

Naturalists and docents educate and team up with the public to clean the trash off the Berkeley shoreline. 9 a.m.-12 p.m. Learn to be a site captain.

## MORE FUN IN THE SUMMER!

We use our skills to teach Marine Biology to enthused classes of students – a very rewarding culmination of the year.

## BERKELEY BAY FESTIVAL APRIL 8, 2017-11AM-4PM

Help naturalists with this wonderful community event. Environmental education groups, music, free boat rides, tours of our facilities' "Green" technology. For all ages.

## EARTH DAY SHORELINE CLEANUP

APRIL 22, 2017 Cleanup meets at Nature Center for an educational safety talk. Docents are cleanup rovers to assist the public. 9 a.m.-12 p.m.

## REQUIREMENTS FOR VOLUNTEERS



- Interest and/or experience working in a marine environment.
- Participation in training sessions and:
  1. Leadership or assistance with at least two field trips per month.
  2. T.B. test and fingerprinting required to work with children.



Docents and students in Low Tide Class.

## BENEFITS

- Satisfaction of working with children and encouraging their appreciation of the environment.
- Training handbook of educational materials and information on the Bay for leading tours at the Marina.
- Professional training in the education field. Excellent for those considering a career change. Looks great on your resume!
- Help give something back to the community and be part of something really special. "Best Field Trip Ever!"

## BAY INTERPRETIVE TRAINING

In 1979, the City of Berkeley Marina Programs created the Marina Experience program for school children and teachers. Since its conception, over 87,333 children and 12,219 adults have learned about Bay ecology. The "BayIT" Bay Interpretive Program was developed in 1985 to help train volunteers (YOU) to assist in teaching these children and adults.

These programs include: **Animals:** (Nov. – Feb.) Fish, Birds, Marine Mammals & Bay Scientist; **Low Tide:** (March – June) Explore the rocky shore and docks; **Sailing:** (Mar. – June) For older students - we teach about the Bay from a sailboat. **Summer** programs featuring Marine Biology & Boating Week.

**Our training begins** in October 2016 and continues until June 2017. It involves hands-on training sessions covering such topics as the history of the Bay, marine habitats, and bayshore plant and animal life, with special emphasis on how to teach and use artifacts and live animals. **These are on-going trainings; You may join the program any time during the year.**

*The cost is \$62. This covers the training materials, nametags and 1 boat trip.*

**Shorebird Park Nature Center**  
160 University Avenue, Berkeley Marina

**To obtain an application, please call:**  
**Patty Donald or Sharon Peterson at**  
**(510) 981-6720 or e-mail:**

[naturecenter@cityofberkeley.info](mailto:naturecenter@cityofberkeley.info)  
<http://www.cityofberkeley.info/naturecenter>

# BayIT

## BAY INTERPRETIVE TRAINING

A VOLUNTEER TRAINING PROGRAM  
FOR THE BERKELEY MARINA  
AND BAYSHORE



**Do you enjoy exploring  
with children outdoors?**

**Helping them to  
discover and appreciate  
their natural environment?**

**If you get excited  
in a boat on the Bay,  
investigating the beach,  
peering under docks  
and rocks for animal life,  
or bird watching from the shore,  
the Berkeley Marina  
volunteer training program  
could be for you!**