

# How to apply

## Connecting with Marine Science

1. Form a team of 2 - 4 teachers.
2. Have each team member complete the application form at <http://tiny.cc/mbateacher>
3. Have an administrator from each school or district complete the letter of support.
4. Submit all paperwork by April 8, 2011.

You will receive notification  
by May 6, 2011

**If you have any questions or concerns, please contact:**

Alfonso Brillantes, Education Programs

Monterey Bay Aquarium, 886 Cannery Row, Monterey, CA 93940-1023

Email: [educatorprograms@mbayaq.org](mailto:educatorprograms@mbayaq.org) Phone: 831.648.4862 Fax: 831.647.4526



MONTEREY BAY AQUARIUM®

886 CANNERY ROW, MONTEREY, CALIFORNIA 93940-1023

831-648-4800 WWW.MONTEREYBAYAQUARIUM.ORG

MONTEREY BAY AQUARIUM SUMMER 2011

# Connecting with Marine Science

A STANDARDS-BASED APPROACH

**July 25-29, 2011**  
**Grades 9-12**



**TILAPIA** *Tilapia inhabit a variety of fresh water habitats including shallow streams, ponds, rivers and lakes. Historically they have been of major importance in artisan fishing in Africa and the Levant and are of increasing importance in aquaculture.*

# Connecting with Marine Science

## A Standards-Based Approach

**July 25-29, 2011**

**Grades 9-12**

Are you interested in current topics and issues in marine science?  
Are you looking for dynamic experiences to invigorate both your teaching practice and your students' learning?  
If yes, then come have fun with us this summer!

This institute is specifically designed to provide you with opportunities to:

- Explore standards based inquiry activities on a variety of topics.
- Go behind the scenes at the Monterey Bay Aquarium to learn about our current research projects, new exhibits, and the operation of a world-class aquarium.
- Engage in discussions with scientists and experts in the field.
- Use hand-held technologies such as mobile phones, net books and Flip cameras to explore local field sites and participate in standards-based classroom activities.
- Collaborate with colleagues and gain insight into incorporating more inquiry and projects into your classroom.
- Network with other high school teachers for support and advice throughout the year!

You will return to your classroom with skills and materials to:

- Implement new hands-on, inquiry-based activities that introduce your students to diverse science and conservation topics relating to your standards.
- Integrate different technologies into your curriculum including hand-held devices and Web 2.0 applications.

## Who should apply?

- ▶ Full-time 9th through 12th grade classroom teachers
- ▶ Priority is given to teams of two or more teachers from the same or a nearby school

## What will you get?

The institute will provide you with:

- ▶ 5 days of quality professional development to help you learn more about the physics, chemistry, biology and history of Monterey Bay marine environments
- ▶ A great set of inquiry-based, hands-on activities and field trip ideas that support your standards
- ▶ Opportunities to explore local field sites and get an up-close look at aquarium exhibits
- ▶ Ideas for use of technology in the classroom and opportunities to check out mobile devices for classroom use
- ▶ Resources and materials
- ▶ Professional collaboration in person and online with colleagues, aquarium educators, and scientists
- ▶ Continuing education units for an additional fee
- ▶ Stipend of \$100 per day available following completion of entire program

## What topics are included?

- ▶ Climate change science
- ▶ Physics, chemistry and biology of the kelp forest
- ▶ Marine debris
- ▶ Sustainable seafood and fisheries
- ▶ Much, much more!

## When will it be?

- ▶ Monday through Friday, July 25-29, 2011  
8:00 a.m. - 4:30 p.m.

## What does it cost?

- ▶ The institute is free

## What are the requirements?

- ▶ Attend all 5 sessions
- ▶ Use the curriculum materials and mobile devices with your students

Apply online at: <http://tiny.cc/mbateacher>