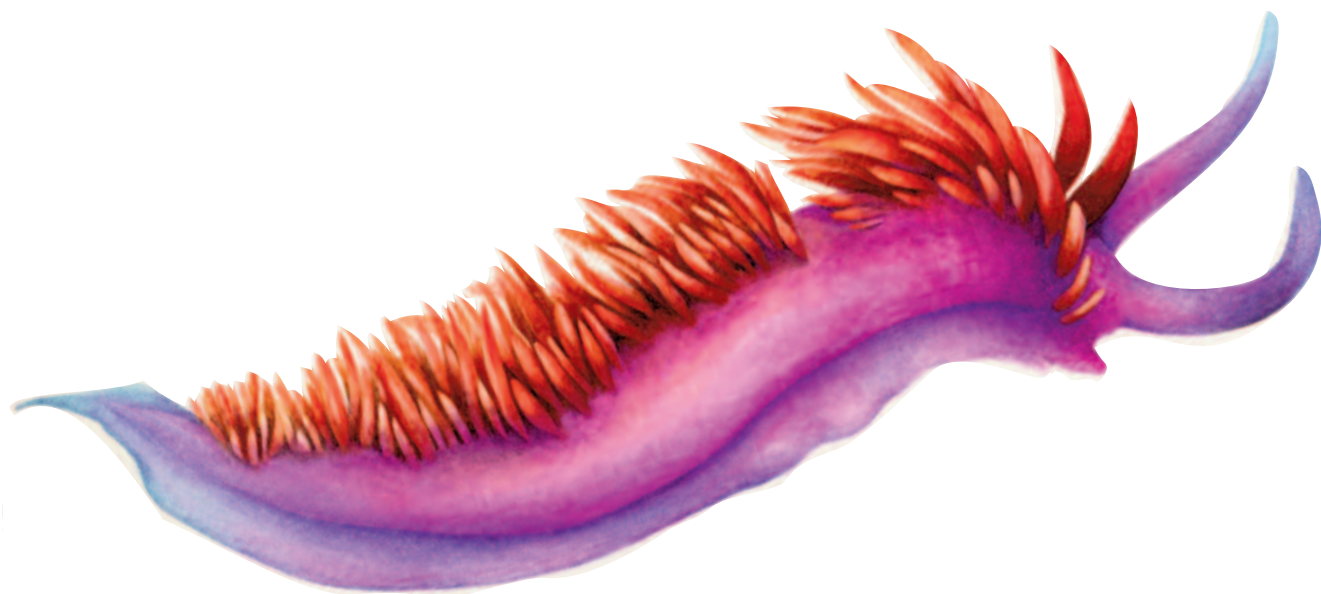


MONTEREY BAY AQUARIUM SUMMER 2012

# Project-Based Science Institute

June 24-29, 2012  
Grades 6-8



**ELEGANT EOLID** Also called a Spanish Shawl nudibranch, this colorful invertebrate can swim in the water column by flexing its body from side to side in a U-shape. They are found in relatively shallow water in the Pacific Ocean from British Columbia, Canada to the Galapagos Islands.

# Project-Based Science Institute

**June 24-29, 2012 • Grades 6-8**

Are you looking for dynamic experiences and inquiry-based activities to invigorate both your teaching practice and your students' learning? Are you interested in equipping your students with 21<sup>st</sup> century skills that will help them succeed in this ever-changing world? If the answer is **YES**, then come have fun with us this summer! You will stay at the beautiful Stevenson School campus in Pebble Beach.

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

- Collaborate with colleagues and learn about the project-based science process and how it fits into your classroom.
- Use hand-held technologies such as mobile phones and netbooks to explore local field sites and engage in standards-based classroom activities.
- 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.
- Participate in an online professional community and network with other middle school teachers for support and advice throughout the year!

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

- Employ project-based strategies to engage your students in real science.
- Introduce your students to diverse marine science and conservation topics relating to your standards.
- Implement new hands-on, inquiry-based activities that address your science standards and the nature of science.
- Integrate different technologies into your activities including hand-held devices and Web 2.0 applications.

This summer, re-energize with the Monterey Bay Aquarium's Project-Based Science Institute and spark your students' desire to explore, investigate and understand their world! Priority is given to school teams, so invite your colleagues!

*Follow-up Saturday Sessions: 9/29/12, 1/12/13, 5/4/13*

## Who should apply?

- ▶ Full-time 6th through 8th 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:

- ▶ Free housing and meals during the summer at Robert Louis Stevenson School (RLS) in Pebble Beach, California
- ▶ Free busing between RLS, field sites and the Aquarium
- ▶ Nine days of quality professional development to help you learn more about project-based science, marine science and technology use
- ▶ 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 technology use in the classroom
- ▶ Resources and materials
- ▶ Opportunities for in-person and online professional collaboration with classroom teachers, aquarium educators, and scientists
- ▶ Opportunity to earn continuing education units for an additional fee
- ▶ Stipend of \$50 per day available following completion of entire program

## Where will it be?

Sessions will be held at:

- ▶ Robert Louis Stevenson School (RLS)
- ▶ Monterey Bay Aquarium
- ▶ Local field sites

## When will it be?

- ▶ Summer institute session is Sunday, June 24 through Friday, June 29. Check out Saturday morning, June 30
- ▶ Follow-up sessions are Saturdays, September 29, 2012; January 12, 2013; and May 4, 2013

## What does it cost?

- ▶ The institute is free

## What are the requirements?

- ▶ Attend all sessions Sunday through Friday during the summer
- ▶ Participate in all three Saturday follow-up sessions (online for non-locals)
- ▶ With your class, implement a longer-term project that incorporates technology, conservation and the outdoors
- ▶ Use the curriculum materials with your students
- ▶ Participate in an online professional learning community throughout the school year
- ▶ Share your project with the group at the last Saturday follow-up

Apply online at: <http://tinyurl.com/mbateacherPBSI>

# How to apply

## Project-Based Science Institute

1. Form a team of 2-4 teachers.
2. Have each team member complete the application form at <http://tinyurl.com/mbateacherPBSI>
3. Have an administrator from each school or district complete the letter of support. Available online.
4. Submit all paperwork by April 6, 2012.

You will receive notification  
by April 23, 2012.

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

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