

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://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 13, 2011

If you have any questions or concerns, please contact:

Alfonso Brillantes, Education Programs

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MONTEREY BAY AQUARIUM[®]

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MONTEREY BAY AQUARIUM SUMMER 2011

Project-Based Science Institute

July 11-15, 2011
Grades 6-8



KELP GREENLING *With these fishes, it's easy to tell the girls from the boys. The female's larger, with orange spots, while the male's spots are bright blue. During mating season, the blue spots grow even bigger.*

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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 21st 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!

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

- 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 and net books to explore local field sites and engage in standards-based classroom activities.
- Collaborate with colleagues and learn about the project-based science process and how it fits into your classroom.
- 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:

- Introduce your students to diverse marine science and conservation topics relating to your standards.
- Employ project-based strategies to engage your students in real science.
- Implement new hands-on, inquiry-based activities that address your science standards.
- 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 Middle School 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 Sessions: 10/15/11, 1/21/12, 5/5/12

Who should apply?

- ▶ 6th through 8th grade science 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:

- ▶ 8 days of quality professional development to help you learn more about marine science, project-based science, and technology use
- ▶ A great set of inquiry-based, hands-on activities and field trip ideas
- ▶ 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 checkout mobile devices for classroom use
- ▶ 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 \$100.00 per day available following completion of entire program

Where will it be?

Sessions will be held at:

- ▶ Monterey Bay Aquarium
- ▶ Local field sites

When will it be?

- ▶ Summer Institute session is Monday through Friday, July 11 -15, 8:00 a.m. - 4:30 p.m.
- ▶ Follow-up Sessions are Saturdays, October 15, 2011, January 21, 2012 and May 5, 2012, 8:00 a.m. - 4:30 p.m.

What does it cost?

- ▶ The institute is free.

What are the requirements?

- ▶ Attend all 8 sessions
- ▶ Use the curriculum materials with your students
- ▶ With your class, implement a project that incorporates technology
- ▶ Participate in an online professional learning community throughout the school year

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