



*In the end,
we will only conserve
what we love.
We will only love
what we understand.
We will only understand
what we are taught.*

Baba Dioum

Ocean And You
marine and environmental
education brought to you!

Ocean and You

2630 Carisbrook Dr.
Oakland, CA 94611



Ocean and You

brings the ocean to you!

Our in-school programs encourage children's natural curiosity, teach creative and critical thinking and excite their interest in conservation

All programs are led by a real oceanographer, and feature storytelling, hands on learning as well as lots of science.

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Ocean and You : marine education brought to you!

Ocean and You offers science and environmental education for all ages. Most programs include storytelling, conversations about science and active hands-on learning. A program may last 30-90 minutes, and my teaching methods are best suited to groups of 10-30 students. Choose from the menu below, or let me create something just for you.

Hands-on Programs

Curious Critters Explore the amazing variety of marine life using stories, motion and model animals. *Aligned with 2nd grade science content: marine mammals.*

Sharks and Whales Study convergent evolution in marine predators and grazers. *Aligned with 3rd grade science content: animal adaptations.*

Kelp Forest Heroes Explore California's most beautiful marine ecosystem and learn how sea otters protect the kelp. *Aligned with 4th grade science content: marine ecosystems*

Floating and Sinking: Learn Archimedes' principle using empty soda bottles, corks, pins, and tubs full of water. Messy and fun.

Sound in the Ocean: Try to identify weird ocean noises and experiment with sound transmission. *Aligned with 2nd grade science competency goal: understanding sound.*

Marine Debris: Learn about packaging and responsible consumerism. Develop a concept map of the causes and effects of trash on the beach. *Aligned with science and society theme.*

Oil Spill: Learn how to clean up an oil spill, while exploring properties of materials. *Aligned with science and society theme.*

Lectures and Demonstrations

Climate Change and the Poles:

It's happening. It's real. How are Antarctica and the Arctic Ocean affected, and what can we do about it?

MythBusters, Environmental Edition:

So much advice, some of it conflicting. What's an environmentalist to do?

Oyster Restoration in Pamlico Sound:

What do high tech current-measuring instruments have to do with tomorrow's lunch?

Beach Water Quality: Case study of a polluted beach near a sewage treatment plant. Learn how science informs policy and articulate your own decision-making process.

Exploring Your Backyard: Explore charts of California's coastal waters, and learn how your watershed affects the ocean.

Stories of the Sea:

I tell gentle tales of love and longing, tall tales salted with sea spray, and gritty personal tales. Oral storytelling can expand your students' minds, touch their hearts and even teach science.

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science ... education ... storytelling