

PLUGGED IN

FUN FOR KIDS

A COOPERATIVE PROJECT OF THE SANTA BARBARA NEWS-PRESS AND THE MUSEUM EDUCATORS' ROUNDTABLE TO PROMOTE LEARNING AMONG YOUNG READERS IN NATURAL SCIENCE, HISTORY, TECHNOLOGY AND ART

This Month's Theme: Continue the Journey from Shore to Sea

JASON XIV: From Shore to Sea

This year the *JASON XIV: From Shore to Sea* Expedition engaged students and teachers in an exciting journey to explore our own unique Channel Islands. The locations highlighted included the Channel Islands National Park, the surrounding waters of the Channel Islands National Marine Sanctuary and the Santa Barbara Maritime Museum. These areas served as "living laboratories" for studying nature's dynamic systems and rich maritime history. Some topics covered in the JASON curriculum and live broadcasts include Chumash culture, marine and island ecosystems, geology, watershed studies, tools and methods of scientific research, and management and monitoring of natural resources. Approximately 8,000 students and 200 teachers in Santa Barbara and Ventura Counties participated in this year's JASON Expedition. The Santa Barbara Maritime Museum served as a local interactive PIN site for the live broadcasts January 27th-February 7th.

Channel Islands Argonauts enjoying Anacapa Island.



Photo by Robert Schwemmer

JASON Argonauts

Two local students were selected as national JASON Argonauts during the From Shore to Sea Expedition. Tano Cabugos dove with scientists to study the kelp beds near Anacapa Island, while Georgia Broughton was based at the Santa Barbara Maritime Museum broadcasting live with Dr. Ballard. Both Tano and Georgia participated in the two weeks of live broadcasts that reached millions of students around the globe.

My Ride Through JASON XIV

By Tano Cabugos

As JASON Argos, our first meeting included proper hellos & handshakes. But the minute we stepped onto Anacapa Island, our personalities were more realistic and I made many new friends. It was a lot of fun working the special equipment. The biggest rush was being underwater with cameras rolling and talking to a lens reaching thousands of people around the world with a message of how important it is to take care of our Ocean. It was an unforgettable experience!



Tano Cabugos and Bob Ballard, Director of the JASON Project.

A Life Changing Experience

By Georgia Broughton



Photo by Deena Broughton

I am surprised by how much I learned about my capabilities, and also about teamwork, during the JASON Expedition. Because of the time I spent as an Argonaut, I am a more whole person than I was before. The experience truly changed me, and it will stay with me forever!

Georgia Broughton, JASON XIV National Argonaut

Channel Islands Argonauts

This year during the *JASON XIV: From Shore to Sea* Expedition, 20 local 5th-8th grade students from Santa Barbara and Ventura Counties were selected to be part of a local student Argonaut program. As part of the program, students developed a poster project and wrote an essay about what From Shore to Sea means to them. The Channel Islands Argonauts visited Anacapa Island, participated in several community events, and had a behind-the-scenes tour of the JASON Project. Below are some quotes from this year's Channel Islands Argonauts.

"From studying oceanography in class, living next to the ocean, and several visits to Santa Cruz Island, I have become fascinated with the neighboring sea."

Melanie Cornejo, 7th grade
Benjamin Foxen Elementary School

"I would like to learn more about how it is up to each of us to manage and protect the natural resources of the Channel Islands area."

Zachary Peterson, 5th grade
Los Olivos Elementary School

"I have always loved science, ever since I was a little girl. I used to dream about becoming a famous explorer or undersea diver. Now I know these dreams could become a reality, and I can become a marine biologist or a science teacher."

Courtney Jones, 8th grade
Carpinteria Middle School

"By helping other young people learn more about the ocean, I think that they would be able to share my love of the ocean and work to preserve its beauty."

Ciarra Ristig, 8th Grade
Goleta Valley Junior High

"The Earth's ocean is full of creatures that we still know almost nothing about. The ocean represents all life to me, it represents history, and, so if we pay attention then we can see that the ocean is not just our past, but our future too."

Morgana Hoch, 5th grade
Open Alternative School

"From Shore to Sea means a lot to me. This year, not only will I be learning about the immediate environment around me. I will be learning about a place I know and love."

Megan Broughton, 7th grade
EIE Academy (Homeschool)

"Oceans Week" Student Competition

National Parks and Marine Sanctuaries are special places that need our protection. Our knowledge of these areas is not complete, and we need new young scientists, writers, photographers, artists, and historians who will continue to learn about the ocean and communicate their knowledge to their communities.

You can make a difference by entering the "Oceans Week" student competition. Categories include: Fine Art, Photography, Language Arts, and Science. Outstanding entries will be selected for display during the "Oceans Week" celebration at the Channel Islands Harbor in Oxnard on Sunday, June 8, 2003. The top entries from each category will be recognized with a plaque and go on to Capitol Hill to be on display during the Oceans Week 2003.

For more information, please visit www.channelislands.noaa.gov and click on "Oceans Week."

Page Contributors: Laura Francis, Channel Islands National Marine Sanctuary (*JASON XIV: From Shore to Sea*, "Oceans Week" Student Competition and Channel Islands Argonauts), Julie McDonald, Santa Barbara Maritime Museum (*JASON Argonauts*) and Carol Peterson, Channel Islands National Park (*Hiding In The Ocean*).

Hiding in the Ocean

Each of the crazy words below is the name of an animal that lives *From Shore to Sea* along our coast. But each name is hiding inside the word **ocean**. Cross off the letters O, C, E, A, and N — in that order — in each word. Then write the leftover letters in the circles. Read the letters in the shaded box to spell out the name of an endangered ocean animal.

1. **OWCHEAALEN** ○○○○○
2. **OGACRIEBAALDIN** ○○○○○○○○○
3. **OSECALEIANON** ○○○○○○○
4. **ODCOELPAHNIN** ○○○○○○○
5. **OOCCTOEP AUSN** ○○○○○○○
6. **OACNEEMAONNE** ○○○○○○○○
7. **OPECLEIACANN** ○○○○○○○○

Answers: 1-whale, 2-garibaldi, 3-sea lion, 4-dolphin, 5-octopus, 6-anemone, 7-pelican. These animals at www.ocean.com/eos. Adapted from an activity in *Ranger Rick*. marine invertebrate to be listed as an endangered species. Learn more about

Ocean Web Sites

Check out the web sites for the Channel Islands National Park, Channel Islands National Marine Sanctuary, and Santa Barbara Maritime Museum (see sidebar on left for web addresses). Find out more about the JASON Project at www.jasonproject.org

Learn about marine birds, mammals, fish, invertebrates, and plants of the Channel Islands using the Encyclopedia of the Sanctuary on www.ocean.com/eos

Find out more about Marine Reserves in the Channel Islands and play the role of a stakeholder such as a fisherman, diver, or manager using the digital lab www.jason.org/digital_labs/CINMS/

GET connected connected

GET CONNECTED WITH THE MEMBERS OF THE MUSEUM EDUCATORS' ROUNDTABLE:

Channel Islands National Marine Sanctuary
805-966-7107; www.channelislands.noaa.gov

Santa Barbara Mission Museum
805-682-4149

Santa Barbara Trust for Historic Preservation
805-965-0093; www.sbthp.org

Ganna Walska Lotusland
805-969-3767; www.lotusland.org

Santa Barbara Botanic Garden
805-682-4726; www.sbbg.org

Channel Islands National Park
805-658-5730; www.nps.gov/chis

Santa Barbara Maritime Museum
805-962-8404
www.sbmm.org

Santa Barbara Museum of Art
805-963-4364
www.sbmuseum.org

Santa Barbara Historical Society
805-966-1601

Goleta Valley Historical Society
805-964-4407; www.goletahistory.org

Karpeles Manuscript Library Museum
805-962-5322; www.karpeles.com

Carriage and Western Art Museum of Santa Barbara
805-962-2353; www.carriagemuseum.org

University Art Museum, UCSB
805-893-2951
www.uam.ucsb.edu

Santa Barbara Museum of Natural History
www.sbnature.org; 805-682-4711;

Santa Barbara Zoological Gardens
805-962-5339
www.santabarbarazoo.org

Santa Barbara Contemporary Arts Forum
805-966-5373; www.sbcaf.org

Art From Scrap
805-884-0459
www.artfromscrap.org

South Coast Railroad Museum
805-964-3540; www.goletadepot.org

South Coast Watershed Resource Center
805-682-6113
www.WatershedResourceCenter.org

USDA Forest Service, Los Padres National Forest
805-968-6640; www.r5.fs.fed.us/lospadres

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