The Need to Provide Sanctuary Education Programs

- Educate K-8 students about the sanctuary through visitor center, classroom, and field activities. (GFNMS MP 2008)
- Educate diverse inner city children about the sanctuary. (GFNMS MP 2008)
- Incorporate ocean literacy concepts into all program areas. (ESP 2010 – 20)
- Pursue independent funding opportunities for site education programs (ESP 2010 – 20)
The Need for Science In Our Schools
Lawrence Hall of Science, UC Berkeley

- Spring 2007 results of 5th grade California Standards Test.
- Challenges for groups underrepresented in science fields.
- Time spent by teachers on science per week in K-5 classes.
- Reversing the trend of decreased science proficiency at Bay Area schools.
Visitor Center Projects
(The Need for Staffing)

- Operate and staff the GFNMS Visitor Center
- Visitor Center K-5 school programs
- Visitor Center weekend public workshops
- 2 week summer programs for high school students
- Other duties as assigned
Goal: Promote Sanctuary Programs, Support Science Education, Increase Visitor Center Staffing
San Francisco Department of Children, Youth, & Their Families

• Seeking specialists to provide engaging, high quality, hands-on programs to after school programs.
• Provide 3 years of funding with potential for renewal.
• Strong relationship with FMSA.
• Opportunity to increase our programming, support local science education, as well as increase Visitor Center staffing.
Oceans After School Funded
(8 schools for 3 Years)

- Bret Harte (Hunters Point)
- Cobb (Western Addition)
- Bryant (Mission)
- McCoppin (Richmond)
- Monroe (Excelsior)
- Sunnyside (Sunnyside)
- Ulloa (Sunset)
- Visitacion Valley (V. Valley)
Eight Two-Hour Programs at Each Site for 20 – 40 Students

- Sanctuary Overview
- Plankton
- Crabs
- Squid
- Marine Mammals
- Salmon
- Sharks
- Seabirds
Seabirds Program
Zipline
Connecting with Schools on a Deeper Level

What happens when we deliver our Oceans After School program at a site?
Sustaining the Program

- Anticipating funding cuts from the Department of Children Youth and Their Families
- 3 case studies of how we diversified our funding
  - Monroe Elementary School
  - Sunnyside Elementary School
  - Sunset Elementary School
Taking Oceans After School to the Next Level

• Expanding the program to the sanctuary community outside of San Francisco (Pacifica, Marin, East Bay, Bodega)

• Expanding staffing to deliver more programs as well as support other Visitor Center initiatives

• Connecting curriculum development to the research community

• Expanding Oceans After School volunteer opportunities
Get Involved

• Come with us to observe a program!

• Help us connect funders with after school programs that are eager for the program.

• Share some freezer space for Chinook salmon and Humboldt squid specimens.

• Connect us to principals, program coordinators, teachers, and parents that are looking for science enrichment programs.
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Questions, Comments, Feedback