

## Save The Bay's Watershed Education Programs

[www.savesfbay.org](http://www.savesfbay.org)

Save The Bay launched Canoes In Sloughs, the Bay Area's first experiential on-the-water environmental education program tailored for middle and high school students in 1997. Three years later, the Community-Based Restoration program continued to enhance our education projects with a focus on returning the Bay to a healthy and biologically diverse ecosystem. Today, our Watershed Education Programs have provided environmental education experiences for more than 23,000 participants. Please join us for a Bay experience you won't forget!

### **Canoes In Sloughs**

Canoes In Sloughs (CIS) consists of experiential canoe trips that introduce and connect students to the San Francisco estuary. These daylong field adventures help students understand their local marshes, evaluate ecosystem health, and examine the connections between themselves and our environment. Carefully designed to meet the California Science Framework and Science Content Standards, Canoes In Sloughs is student-oriented, local and on-the-water. Teachers work with Save The Bay's experienced education staff to create individualized programs that are consistent with their existing science curriculum. CIS is an ideal complement to our Community-Based Restoration programs.

### **Community-Based Restoration**

The Community-Based Restoration (CBR) program provides opportunities for students to directly participate in hands-on restoration of Bay habitats. Restoration projects include native plant propagation, transplanting and weeding, water quality monitoring, native seed collecting, site mapping, and bird, plant and native oyster monitoring. Save the Bay's education staff collaborates with teachers to design restoration days that apply to their existing curriculum. CBR days are wonderful on their own, and also provide an excellent complement to Canoes In Sloughs trips.

### **Pre-Trip Classroom Visits**

Save The Bay educators will provide one-hour pre-trip in-school lessons to participating schools. Educators use maps, activities, and a slideshow to prepare students for their trip(s), introduce them to concepts that will be addressed in the field, and offer them an introduction to the San Francisco Bay.

### **Awareness, Connection, Responsibility**

Though Canoes In Sloughs and Community-Based Restoration trips are available as individual programs, we believe they are most effective when they are offered together, in combination with a pre-trip presentation. The pre-trip presentation establishes student *awareness* about the Bay. The Canoes In Sloughs day allows students to develop a *connection* with their local wetland. The Community-Based Restoration experience reinforces that connection with stewardship and a sense of *responsibility*. This carefully crafted experience is strengthening the next generation of Bay stewards.

(over please)

### **Summer Teacher Institute**

Save The Bay's Summer Teacher Institute *Gold Rush to the Golden Gate*, offers teachers the opportunity to spend a week exploring the San Francisco Bay-Delta and California's largest watershed. The trip begins by canoeing in the foothills of the Sierra Nevada and ends on a sailboat passing under the Golden Gate Bridge. Along the way, teachers explore the cultural, political and natural history of S. F. Bay's watershed. On-the-water experiences, expert speakers, and hands-on activities help teachers incorporate watershed education into their curriculum. (*Continuing Education Units are available from Dominican University.*)

### **San Francisco Bay Watershed Curriculum**

Save The Bay's curriculum guide is designed specifically to meet the needs of Bay Area science and environmental educators. It contains 30 experiential activities that are Bay specific, easy to teach, and excellent for developing an appreciation and understanding of the San Francisco Bay watershed. Check it out at [www.savesfbay.org/curriculum](http://www.savesfbay.org/curriculum)

### **\*NEW\* Bay Classroom Online**

The Bay Classroom is a free online resource that gives students a direct link to the San Francisco Bay and its role in their community. It can be incorporated into Science, Environmental, Language Arts, and History/Social Science curriculum. Go to [www.savesfbay.org/bayclassroom](http://www.savesfbay.org/bayclassroom)

### **Program Costs/Scholarships**

Community-Based Restoration days are always offered free. Because we believe that every student deserves the opportunity to participate in our programs. Cost for Canoes In Sloughs trips is based on a sliding scale, determined by the percentage of students at the school that are eligible to receive free or reduced price lunch. (Private or parochial schools must demonstrate need through a written request.) The cost for Canoes In Sloughs ranges between \$35/student and \$5/student. The first 2 adults are free, additional adults pay the student price. There is a \$10-\$60 sliding scale for each in-class presentation.

### **Program Sites**

Save The Bay utilizes 11 different sites in the East Bay, North Bay, South Bay, San Francisco and the Delta for canoe trips and restoration days. We prefer to conduct trips in close proximity to participant schools, as it increases the likelihood that students will make a local connection and return to the site again and again. Many sites are accessible via public transportation. Please contact us to determine which site best suits your needs.

### **Number of Participants and Age Requirements**

*Canoes In Sloughs*: minimum 15 participants, maximum 27 participants (one adult teacher required) minimum age 12 years old. Occasionally, larger groups can be accommodated upon request.  
*Community-Based Restoration*: minimum 10 participants, maximum 60 participants (one adult teacher required); minimum age 10 years old.

### **Safety and Instructor Qualifications**

The safety of participants is our primary concern, and Save The Bay has an impeccable safety record: we have never experienced a medical emergency on a trip. Our instructors are experienced outdoor educators. They have received training by the American Canoeing Association (ACA) in canoe rescue and emergency procedures and are certified in Wilderness First Aid and CPR. Our sites have been evaluated for safety and have withstood the test of many years of use without significant safety issues. We will not paddle in unsafe weather conditions.

### **Please Contact Us!**

The Education Staff at Save The Bay looks forward to hearing from you. We are very proud of our program, eager to answer your questions, and excited to work with you to ensure that students throughout the Bay Area have the opportunity to celebrate, protect and restore the San Francisco Bay. Please give us a call anytime at (510) 452-9261.

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*Reply suggested by January 13, 2006*

Dear Educator,

**Thank you for your continued interest and participation in Save The Bay's Canoes In Sloughs and Community-Based Restoration programs!** Our education programs, which served a record number of Bay Area youth in the 2004-2005 school year are shaping up to reach new highs in 2005-2006. **We are very excited that the success of our programs means more people get to explore and understand the San Francisco Bay and its connection to all of our lives.**

**Our Programs:** Save The Bay's Watershed Education Program is threefold: We offer a **pre-trip in-class presentation** that will prepare your students for their field trip; a **Canoes In Sloughs program**; and a **Community-Based Restoration program** (free of charge), which emphasizes community stewardship and hands-on wetlands restoration. **We strongly encourage participation in all three of these programs** in order to foster an extensive understanding and connection to the San Francisco Bay. For ideas on how to integrate your Save The Bay field trip into your classroom, please look at our **Watershed Curriculum** at [www.savesfbay.org/curriculum](http://www.savesfbay.org/curriculum) and at our exciting new **Bay Classroom** at [www.savesfbay.org/bayclassroom!](http://www.savesfbay.org/bayclassroom!)

**Cost:** Because we believe that every student deserves the opportunity to participate in our program, cost for Canoes In Sloughs trips will continue to be based on a *sliding scale* (\$5-\$35 per student), determined by the percentage of students at your school who are eligible for the Free or Reduced Lunch Program. (Private or parochial schools must demonstrate need through a written request.) Each program must have or pay for a minimum of 15 participants (28 for a double program). For pre-trip in-class presentations, we offer a sliding scale charge of \$10 - \$60 per presentation. Community-Based Restoration projects are always offered free of charge.

**To Sign Up:** Save The Bay's scheduling process for our Watershed Education Program is designed to help us accommodate our ever-increasing capacity, and to make planning canoe and restoration trips easier for you. ***This reservation system operates on a first-come, first-served basis,*** so you'll want to reserve your date as soon as you can.

**Winter and Spring programs are filling up fast!** Winter is an ideal time for your students to participate in our Community Based Restoration program - this season is filled with fun and educational programs that focus on planting native plants in our restoration sites. It's a great opportunity for classes that have already done a CIS program in the fall, or who are doing one in the spring, to help restore the wetlands in the Bay. If you would like to schedule a canoe or restoration field trip for the Winter or Spring 2006 season, please **fill out and return the enclosed Field Trip Reservation Form along with a non-refundable deposit of \$200** (only for canoe trips, not restoration). If the total cost of your field trip is less than \$200, please enclose a check for the full amount due.

**After we have received your Field Trip Reservation Form and \$200 deposit, we will reserve your trips and notify you of your confirmed date(s).** We will make every effort to accommodate your priority dates. If we are not able to place you on our schedule for Spring 2006, you will be added to a priority waiting list and your deposit will be returned.

**\*\* Reminder:** As you complete the enclosed form and choose dates for your programs, please remember to check your school's schedule for *standardized testing, vacations and holidays*, and any other *blackout dates* that you will not be able to leave school for a field trip. **\*\***

**Contact Information:** As always, should you have any questions, please do not hesitate to contact **Alicia Moore, School Programs Coordinator**, at (510) 452-9261 ext. 125 or email [amoore@savesfbay.org](mailto:amoore@savesfbay.org)

Thank you again for your support of Save The Bay's education programs - **we are already looking forward to a fantastic Winter/Spring season, and hope to hear from you soon!**

Warm regards,

The Education Staff at Save The Bay



**SAVE THE BAY**

**Save The Bay**  
**Field Trip Reservation Form**  
**Spring 2006**

Please fill out and return to:  
**Save The Bay**  
**Attn: Education Dept.**  
**350 Frank Ogawa Plaza, Suite 900**  
**Oakland, CA 94612**

**School/Organization/Educator Information**

School/Org. Name: \_\_\_\_\_ Your Name: \_\_\_\_\_

School/Org. Address: \_\_\_\_\_ County: \_\_\_\_\_  
# and street city zip code

Work Phone: \_\_\_\_\_ Home/Cell Phone(\*required): \_\_\_\_\_

Number of students you plan to bring: \_\_\_\_\_ What subject do you teach? \_\_\_\_\_

Grade Level: \_\_\_\_\_ Email: \_\_\_\_\_  please add my email to STB's teacher email list

Best way to reach you: \_\_\_\_\_ Best time to reach you: \_\_\_\_\_

**Planning Field Trips with Save The Bay**

This packet will walk you through the planning process for reserving Save The Bay field trips. It will give you the opportunity to reserve dates for a Pre-Trip In-Class Presentation, a Canoes In Sloughs field trip, and a Community-Based Restoration project, and it will help you calculate the total cost for your programs.

 **STEP 1: Pre-Trip In-Class Presentation (one hour)**  
**(group size: 15 min., 60 max.)**

Y \_\_\_\_\_ N \_\_\_\_\_ I am interested in scheduling a Pre-Trip.

**Please list three dates** that work well for a pre-trip presentation for your class between January 30 and June 2, 2006. We typically do these presentations 1 to 3 weeks before your canoeing or restoration program, and try to schedule them on Mondays or Tuesdays. Then please **write in** the **times** you are available on those days. The more flexible you are with times, the more likely we will be able to accommodate your request. If you have more than 60 students, please combine your classes into one presentation session when possible, or schedule consecutive presentations.

Choice #1 \_\_\_\_\_ # of Students / Presentations: \_\_\_\_\_


Preferred times your class(es) are available:

Choice #2 \_\_\_\_\_ # of Students / Presentations: \_\_\_\_\_

Preferred times you class(es) are available:

Choice #3 \_\_\_\_\_ # of Students / Presentations: \_\_\_\_\_

Preferred times your class(es) are available:

 **STEP 2: Canoes In Sloughs (CIS) Field Trip (9am - 2pm)**  
**(group size: min. 15, max. 27\*)**

Y \_\_\_\_\_ N \_\_\_\_\_ I am interested in scheduling a CIS trip this Spring.

**Write directly on the enclosed "Canoes In Sloughs Sites and Available Dates" page of this packet.** Please choose a site and your top **three** dates for a canoe trip at that site (a site reference map is on the reverse side of the packet). Number your choices (1, 2, 3) in order of priority. We recommend that you choose a site close to your school.

\*If you plan to bring more than 27 students, we can either split the group in two and offer a land program for half the group while the other half paddles, and switch at lunch, or we can schedule your group for 2 separate trips. In this case, please choose and prioritize **five dates**.

**Please note:** Arrowhead Marsh in Oakland is the only site accessible by public transportation

Number of Trips you wish to schedule: \_\_\_\_\_ Estimated Number of students/trip: \_\_\_\_\_ (minimum 15)

Preferred Time (9:00-2:00 or 9:30-2:30 are typical) \_\_\_\_\_

**(OVER PLEASE!)**

## **STEP 3: Community-Based Restoration Project (9am - 1pm)** (group size: min. 15, max. 50)

Participate in a one-day stewardship project to help restore wetland habitat! This program can precede or follow up your Canoes In Sloughs field trip, or it can exist on its own.

Y \_\_\_ N \_\_\_ I am interested in scheduling a Restoration Program

**1. Winter Restoration Dates: January 10th - February 24th!**

**2. Spring Restoration Weeks: March 6th -March 11th; March 20th - March 25; April 3rd - April 8th; April 17th - April 22nd; May 1st - May 6th; May 15th - May 20th; May 30th - June 3rd.**

If these dates do not work for you, please list alternate dates that do work, and we will try our best to accomodate your needs. Please **choose a site** (refer to enclosed map) and your top **three dates** for a restoration project. The restoration date can be **BEFORE or AFTER** your canoe date, and the time (9am - 1pm) can be adjusted.

**Please note:** MLK Shoreline in Oakland is the *only* site accessible by public transportation.

- Choose a site:
- \_\_\_ Arrowhead Marsh (Oakland)
  - \_\_\_ Bair Island (Redwood City)
  - \_\_\_ Gallinas Creek
  - \_\_\_ Heron's Head (San Francisco) \*Please note, this is a partner project run by Literacy for Environmental Justice and would be combined with a same-day canoe trip
  - \_\_\_ Palo Alto Baylands (Palo Alto)
  - \_\_\_ Tolay Creek (Sonoma)

Please choose dates between Monday and Saturday, and remember to check your school calendar for holidays, events and testing.

First Choice:

Second Choice:

Third Choice:

Number of students you expect to attend the field trip: \_\_\_\_\_ (min.15, max. 50)

## **STEP 4: Calculate the Total Cost for Your Programs**

The table below will help you determine the total cost for your field trip(s) and presentations. Cost is based on a sliding scale, determined by the percentage of students at your school who are eligible to receive free or reduced price lunch. **To determine your school's eligibility, please visit: <http://data1.cde.ca.gov/dataquest/> or [www.greatschools.net](http://www.greatschools.net).** Please circle the cost that corresponds to the appropriate percentage for your school in the table below, then calculate the total cost for your trips. **Note: Save The Bay will NOT hold your dates until we receive your \$200 deposit.**

	<u>% of students eligible to receive free or reduced price lunch</u>							x	# of students	Total Cost
	0-9%	10-24%	25-39%	40-54%	55-69%	70-79%	80-100%			
<b>CIS cost/student</b>	\$35	\$30	\$25	\$20	\$15	\$10	\$5		_____	= \$_____
<b>Pre-trip cost</b>	\$60	\$50	\$40	\$30	\$20	\$10	\$10		_____	\$_____
<b>CBR cost</b>	free	free	free	free	free	free	free		_____	\$ free

**Payment:** please send your deposit check (payable to Save The Bay) with this registration form. Your remaining balance must be paid with ONE check, made payable to Save The Bay, and sent by mail to our Oakland office.

**GRAND TOTAL = \$\_\_\_\_\_**

I have enclosed my \$200 deposit.

## **STEP 5: Extras**


I would like to become a Save The Bay member! My payment of \$10 is enclosed.

My school/class would like to contribute an extra \$\_\_\_\_\_ to the cost of our programs. This donation will enable a low-income student/class/school to participate in Canoes In Sloughs and experience the wonders of our beautiful Bay!

**DIRECTIONS:** choose a site (site reference map is on next page) and your top **three** dates for a canoe trip at that site. Write directly on this page. Number your choices (1, 2, 3) in order of priority. If you plan to bring more than 27 students, please choose and prioritize **five** dates.

 **Bair Island (Redwood City)**

__ 3/7	__ 3/28	__ 4/16	__ 5/14	__ 6/11
__ 3/8	__ 3/29	__ 4/23	__ 5/21	__ 6/12
__ 3/10	__ 3/29	__ 4/24	__ 5/22	__ 6/13
__ 3/11	__ 3/30	__ 4/25	__ 5/23	__ 6/14
__ 3/12	__ 3/31	__ 4/26	__ 5/24	__ 6/15
__ 3/13	__ 4/1	__ 4/27	__ 5/25	__ 6/16
__ 3/14	__ 4/4	__ 4/28	__ 5/26	__ 6/17
__ 3/15	__ 4/5	__ 4/29	__ 5/27	__ 6/18
__ 3/16	__ 4/6	__ 5/4	__ 5/28	__ 6/19
__ 3/17	__ 4/7	__ 5/5	__ 6/2	__ 6/20
__ 3/18	__ 4/8	__ 5/6	__ 6/3	__ 6/21
__ 3/19	__ 4/9	__ 5/7	__ 6/4	__ 6/22
__ 3/20	__ 4/10	__ 5/8	__ 6/5	__ 6/23
__ 3/21	__ 4/11	__ 5/9	__ 6/6	__ 6/24
__ 3/22	__ 4/12	__ 5/10	__ 6/7	
__ 3/23	__ 4/13	__ 5/11	__ 6/8	
__ 3/26	__ 4/14	__ 5/12	__ 6/9	
__ 3/27	__ 4/15	__ 5/13	__ 6/10	

 **Palo Alto Baylands (Palo Alto)**

__ 3/10	__ 3/27	__ 4/12	__ 5/10	__ 6/8
__ 3/11	__ 3/28	__ 4/13	__ 5/11	__ 6/9
__ 3/12	__ 3/29	__ 4/23	__ 5/12	__ 6/10
__ 3/13	__ 3/30	__ 4/24	__ 5/23	__ 6/21
__ 3/14	__ 4/7	__ 4/15	__ 5/24	__ 6/22
__ 3/15	__ 4/8	__ 4/26	__ 5/25	__ 6/23
__ 3/16	__ 4/9	__ 4/27	__ 5/26	__ 6/24
__ 3/17	__ 4/10	__ 5/8	__ 6/6	
__ 3/26	__ 4/22	__ 5/9	__ 6/7	

 **Gallinas Creek (San Rafael)**

__ 3/8	__ 3/26	__ 4/12	__ 5/11	__ 6/8
__ 3/9	__ 3/27	__ 4/13	__ 5/12	__ 6/9
__ 3/10	__ 3/28	__ 4/14	__ 5/13	__ 6/10
__ 3/11	__ 3/29	__ 4/24	__ 5/22	__ 6/11
__ 3/12	__ 3/30	__ 4/25	__ 5/23	__ 6/19
__ 3/13	__ 3/31	__ 4/26	__ 5/24	__ 6/20
__ 3/14	__ 4/1	__ 4/27	__ 5/25	__ 6/21
__ 3/15	__ 4/7	__ 4/28	__ 5/26	__ 6/22
__ 3/16	__ 4/8	__ 5/7	__ 5/27	__ 6/23
__ 3/17	__ 4/9	__ 5/8	__ 6/4	__ 6/24
__ 3/18	__ 4/10	__ 5/9	__ 6/6	
__ 3/19	__ 4/11	__ 5/10	__ 6/7	


 **Arrowhead Marsh (Oakland)**

__ 3/11	__ 3/28	__ 4/13	__ 5/12	__ 6/10
__ 3/12	__ 3/29	__ 4/14	__ 5/23	__ 6/20
__ 3/13	__ 3/30	__ 4/25	__ 5/24	__ 6/21
__ 3/14	__ 3/31	__ 4/26	__ 5/25	__ 6/22
__ 3/15	__ 4/9	__ 4/27	__ 6/6	__ 6/23
__ 3/16	__ 4/10	__ 5/9	__ 6/7	__ 6/24
__ 3/17	__ 4/11	__ 5/10	__ 6/8	
__ 3/18	__ 4/12	__ 5/11	__ 6/9	

**We also have the following additional sites available at limited times. If you are interested in booking a canoe trip at any of the following sites, please circle your preferred site and list your ideal month.**

 **Bothin Marsh (Mill Valley-Fall only)**

 **Bull Island (Napa)**

 **Heron's Head (San Francisco)**

 **Newark Slough (Newark)**

 **Petaluma Marsh (Petaluma)**



# Save The Bay Canoe and Restoration Sites



\*Partner project with Literacy for Environmental Justice