

**Ocean Guardian School Funded Projects**  
**January 2011 – June 2011**

<b>School</b>	<b>Project Description</b>	<b>Awarded Funds</b>
<p><b>Carmel River Elementary School</b>            (Monterey County, CA)</p>	<p>Carmel River School will “BLUE” its campus through a variety of activities and projects. Student will have the opportunity to join the newly formed Blue Crew to become leaders of the Ocean Guardian efforts. These students will be trained to make monthly presentations to all the classes about single use plastic, marine debris, recycling and how students can meet the school’s goal of zero-waste lunches. The Blue Crew will also conduct weekly lunchtime trash and recycling audits throughout the months as they track the school’s progress and communicate the data to the school community.</p>	<p>\$6,000</p>
<p><b>Carpinteria Middle School</b>            (Ventura County, CA)</p>	<p>This middle school Ocean Guardian School project is focused primarily on the establishment and maintenance of a school-wide recycling program. Through organized school announcements and scheduled classroom presentations, students will promote the newly implemented recycling program across campus as well as carry out weekly collection and sorting. Participating students will attend field trips to Carpinteria Salt Marsh, Carpinteria State Beach and Santa Cruz Island where they will sharpen their science skills and deepen their understanding about such topics as water quality testing, species densities, urban run-off, and sustainable marine ecosystems.</p>	<p>\$5,576</p>
<p><b>Cleveland School</b>            (Santa Barbara County, CA)</p>	<p>Students in the Cleveland’s after-school Channel Islands Explorers Club will coordinate a six month project that aims to reduce litter on campus, thereby reducing marine debris in the local watershed, ocean and Channel Islands National Marine Sanctuary. Activities will include the implementation of a litter collection/reduction program, the design and implementation of a debris screen at the school’s storm drain, water quality testing at the local Sycamore Creek watershed and the production of a marine debris video highlighting the school’s Ocean Guardian project. The students will celebrate their Ocean Guardian commitment with an overnight trip to Santa Cruz Island.</p>	<p>\$4,500</p>
<p><b>Holy Cross School</b>            (Santa Cruz County, CA)</p>	<p>The fifth grade students will become Ocean Guardian Mentors as they set out to reduce single use plastic bottles on campus. At the onset of the project in January, students will make an initial audit of single use bottles on campus. After this data has been shared with the school community, reusable water bottles will be given to each student. The fifth grade will also work with the City of Santa Cruz in storm drain stenciling and repair. In addition, through posters, presentations, these students will continue to educate the school community about their local watershed and ocean, and the impact of plastics on these resources.</p>	<p>\$6,000</p>
<p><b>Menlo-Atherton High School</b>            (San Mateo County, CA)</p>	<p>About 240 students in the environmental science classes will participate in this Ocean Guardian project by helping to create an environmentally sustainable school landscape. These mostly 9<sup>th</sup> grade students will learn about the local watersheds and watershed conservation through hands-on activities on the school campus. Students will grow native plants from seed and transplant them into areas to replace turf landscapes in various areas on school grounds. Students will produce informational signs for these native plants, educating the school community about the importance and value of these plants in a healthy watershed.</p>	<p>\$6,000</p>

<p><b>Monterey Bay Charter School</b> (Monterey County, CA)</p>	<p>Students at the Monterey Bay Charter School will be working in their local watershed on a community-based restoration project. They will remove invasive species, plant native species that they have grown (Monterey Pine, Monterey cypress, Coast Live Oak), and place fiber rolls in an urban creek that connects to the Monterey Bay National Marine Sanctuary. Students will learn how to identify and map their school's watershed, and will present this information to the lower grades. Middle school students will also participate in water quality testing and will apply these skills to determining the value of the fiber rolls with respect to erosion control and silt diversion.</p>	<p>\$6,000</p>
<p><b>Ord Terrace Elementary School</b> (Monterey County, CA)</p>	<p>This school-wide project focuses on the design and implementation of a dune habitat garden on campus. Fourth and fifth grade classes will partner with Return of the Natives from California University Monterey Bay in the propagation and planting of native plants to replace existing turf landscape. The garden will highlight water conservation and the attraction of beneficial insects and animals. The students will share their knowledge of native habitat gardens with the lower grades as well as help plant other habitat gardens in the local community.</p>	<p>\$3,500</p>
<p><b>Pajaro Valley High School</b> (Santa Cruz County, CA)</p>	<p>With a second Ocean Guardian School grant, Pajaro Valley High School will continue to expand and improve their school-wide recycling program. After evaluating last year's program, students will upgrade some of the existing equipment and change selected locations of the bins within the large campus. The number of participating classes will also increase with this year's grant and classes will adopt sections of the school grounds to coordinate the recycling efforts. Weekly trash audits will be recorded on a spreadsheet for a more thorough analysis to follow.</p>	<p>\$5,860</p>
<p><b>Pine Crest Elementary School</b> (Sonoma County, CA)</p>	<p>The Ocean Guardian School grant will support the expansion of The Lunch Composting Program at Pine Crest Elementary. Fifth grade students in the Compost Crew will continue to care for and monitor the food compost bins during the school-wide lunch and recess hours. This student group will also oversee the daily operations and inspections of the worm compost bins which provide compost for the school's instructional garden. An additional worm bin will be built and installed on school grounds. An instructional training DVD created by the Compost Crew will be edited and produced for use in future classes.</p>	<p>\$6,000</p>
<p><b>Scotts Valley Middle School</b> (Santa Cruz County, CA)</p>	<p>Students will participate in a business model fundraiser program that will aim to reduce the number of single-use plastic bottles used on campus. Students will actively educate their school community about the effects of reusable bottles on the health of the watersheds, ocean and human health while promoting the sale of reusable canteens on campus. Water fountains will also be upgraded with filters to supply healthy drinking water for use in the reusable bottles. Students will be directly involved in all phases of the business including surveying, planning, marketing, budgeting, implementation and analysis. In addition, students will participate in local beach and river cleanups.</p>	<p>\$6,000</p>
<p><b>Sebastopol Independent Charter School</b> (Sonoma County, CA)</p>	<p>This community-based watershed restoration project is a collaboration between Sebastopol Independent Charter and the City of Sebastopol to restore the wetlands of the Laguna de Santa Rosa Preserve. Students will participate in removal of non-native plants, and then plant and maintain native shrubs and trees. Students will also learn about the environmental issues that face their local watershed and what it takes to manage a sustainable restoration project.</p>	<p>\$5,980</p>

<p><b>Soquel Elementary School</b> (Santa Cruz County, CA)</p>	<p>Second and fifth grade students will participate in select activities that will help to improve the health and preservation of Soquel Creek which borders Soquel Elementary School. Both grades will participate in creek side restoration including non-native plant removal and propagation and planting of native plant species. The second graders will raise native frog eggs to be released in the creek while the fifth graders will raise steelhead trout and conduct water quality testing in the creek. Together the two grades will work on a school mural depicting their local watershed.</p>	<p>\$5,856</p>
<p><b>Summerfield Waldorf School and Farm</b> (Sonoma County, CA)</p>	<p>Students at Summerfield School &amp; Farm will design and construct four rainwater catchment systems on campus to irrigate the school farm. This project will focus on water conservation lessons and the impact of the irrigation on the health of their local Santa Rosa Creek and nearby ocean. In addition, students will create a “Know Your Watershed” teaching model to use in the lower school classes as well as in their elementary sister school in the community.</p>	<p>\$5,950</p>
<p><b>Willow Creek Academy</b> (Marin County, CA)</p>	<p>This community-based, school-wide Ocean Guardian School project will further support the school’s ongoing Willow Creek Restoration Project”. Students will continue to be involved in the training, planting and water quality monitoring in Willow Creek. The upper school students will design and present a restoration plan to the elementary grades and continue to mentor them in the seed collection, invasive plant removal, and planting of native plants. Scheduled “River Clean-up Days” will promote community participation of this project.</p>	<p>\$2,652</p>