

Ocean Guardian School Funded Projects
Sept 2013 – June 2014

SCHOOL	PROJECT DESCRIPTION	AWARDED FUNDS
Adams Elementary School (Santa Barbara County, CA)	This Year 1 grant project focuses on the expansion of the existing bioswale at the school including native plantings and bank stabilization. Students will also monitor the water quality entering and leaving the bioswale. In addition, a group of students will create and display an educational mural about the bioswale.	\$3991.65
Adelante Charter School of Santa Barbara (Santa Barbara County, CA)	This second year of funding will support the continued efforts to reduce campus litter with added participation of the lower grades. Additional activities will include local community education around the issue of marine debris. Student efforts will continue in making reusable bags available to the community. The school and community-based education will give special attention to the attitude around litter and the difference that one person can make!	\$4,000
Alameda High School (Alameda County, CA)	This project entitled “Tap That” will focus on a campus-wide campaign to replace single-use plastic bottles with reusable bottles. The efforts will be coordinated by the leadership class’s Environmental Committee with help from the school’s Sierra Club, Garden Club and Roots and Shoots Club. A social media component will be integrated into the campaign, encouraging students to post messages about their involvement with the project. A hydration station will be installed, Vapor water bottles distributed, and an environmental bulletin board will help to educate and communicate the variety of information about the related issues.	\$2,900
All Saints’ Day School (Monterey County, CA)	With a second Ocean Guardian grant, All Saints’ Day School will continue to work towards the goal of a zero waste campus. In addition to stepping up their recycling program as well as the addition of a second hydration station, efforts will also focus on the expansion of the school’s compost program.	\$3,988.65
Captain Cooper Elementary School (Monterey County, CA)	This Year 3 grant will further the school’s efforts in protecting the local watershed and the MBNMS. Activities will include coastal clean-ups, the promotion of reusable bags and containers on school campus and in the community, campus waste audits, low waste food service, and student-led outreach in the local media. Captain Cooper will also continue leading the district conversation and efforts of resource conservation, energy reduction and preservation of the ocean’s health.	\$3,980
Carmel Middle School (Monterey County, CA)	Carmel Middle School will use its fourth Ocean Guardian School grant to expand its school-wide campaign of eliminating single-use plastics while promoting zero waste lunches on campus. Regularly scheduled waste audits, improved recycling and composting efforts are some of the activities that will take place this year.	\$2,500
Carmel River Elementary School (Monterey County, CA)	Carmel River School’s Year 4 grant will support the continuation of the school’s goal to reduce waste and potential marine debris on campus through school-wide recycling and composting programs. This year’s emphasis will also include a focused effort to decrease the amount of single-sue lunch and snack items while promoting the use of reusable containers. The project will be led by the school’s Blue Crew and will involve the entire school community.	\$2,500

<p>Carmel Unified School District (Monterey County, CA)</p>	<p>With matching district funds, Carmel Unified School District (CUSD) will integrate a district-wide plan that focuses on ocean/watershed stewardship in both areas of district operations and curriculum. More specifically, CUSD will identify Ocean Guardian related learning outcomes in the elementary, middle and high schools that will involve a Service Learning component. In addition, CUSD will develop a district-wide operational approach to reduce litter from going into the landfill and the ocean.</p>	<p>\$15,000</p>
<p>Goleta Family School (Santa Barbara County, CA)</p>	<p>With a third Ocean Guardian grant, Goleta Family School will continue restoring native habitats along the Maria Ygnacio Creek by expanding the restoration sites developed with past funding. In addition, a teaching garden will be created where the native plants used for the creek restoration will be raised. Students will also be involved in storm drain stenciling and water testing activities. Students will continue to share their watershed project with their buddy classrooms at Foothill and Hollister schools.</p>	<p>\$4,000</p>
<p>Grace Cooperative Preschool (Contra Costa County, CA)</p>	<p>These very young students will be involved in the school's initial efforts to introduce native, drought tolerant plants into the school's garden areas. With the additional goal of reducing erosion and runoff into the creek below, native plants will also be planted on the hillside play space on the school campus. Students will work with a master gardener to select the appropriate plants for these two areas. The school community will also examine ways in which they can help reduce its use of single-use plastic items.</p>	<p>\$1,000</p>
<p>Joaquin Miller Elementary School (Alameda County, CA)</p>	<p>Second grade students will participate in this on-going community project to restore Cottonwood Creek that runs within the Sausal Creek Watershed. Students will work closely with The Friends of Sausal Creek and participate in a full cycle of restoration activities including seed gathering, the removal of non-native plants, and re-vegetation of native plants. The restoration project will inspire a student-designed exterior mural for the schoolyard.</p>	<p>\$4,000</p>
<p>Kenwood Elementary School (Sonoma County, CA)</p>	<p>Kenwood's Year 2 grant will support the creation of a school-based, native plant wildlife habitat garden. In addition to learning about the native plants in their local watershed and designing and planting the habitat garden, students will also conduct an extensive, multi-faceted community outreach and education program about the benefits of native plants.</p>	<p>\$3,800</p>
<p>Liberty High School (Contra Costa County, CA)</p>	<p>AP Environmental Science high school students will monitor and report on the health of the Marsh Creek watershed. The students will be involved in activities such as water quality monitoring, aquatic macroinvertebrates and GPS mapping of the creek. The students will collect data and present it to Friends of Marsh Creek to use in their decision-making process that focuses on the development of the creek and its wetlands. The GPS mapping of the creek is part of a county-wide program that maps areas of erosion and invasive plant infestations. The aquatic macroinvertebrate data will be shared with a county program that samples insect life to better understand and evaluate the health of the creek.</p>	<p>\$4,000</p>
<p>Parkview Elementary School (Ventura County, CA)</p>	<p>The overall goal of this Year 1 grant is to eliminate waste on campus with a focus on single-use plastic items. The fourth grade ambassadors will help to educate their peers and lead the school-wide effort to empower the individual in making changes to help preserve the health of the local watershed. A recycling program will be implemented on campus, and all students will receive a reusable bottle and bag.</p>	<p>\$3,834.84</p>
<p>Sir Francis Drake High School (Marin County, CA)</p>	<p>Ninth and tenth grade students will conduct scheduled patrols along Point Reyes National Seashore that will involve collecting, recording and categorizing of the marine debris found along the coastline. They will address questions such as: "How much of the debris is from international shipping, local shipping, beachgoers, or from the 2011 Japan tsunami?", "What can we learn from the barnacles that encrust the debris?", "What species of marine birds might be impacted by the debris?" Collected data will be compared to the data from Coastal Cleanup Day. In addition, students will communicate their findings to various organizations as well as to the manufacturers of the collected debris.</p>	<p>\$4,000</p>

<p>Soquel Elementary School (Santa Cruz County, CA)</p>	<p>This Year 4 grant award will fund the on-going restoration of the local creek, the plantings of the newly implemented native plant garden and the monitoring of the water quality and wildlife in the local watershed. Students will carefully document their data and observations of the flora and fauna and will share this information with another elementary school in the area.</p>	<p>\$1,899.79</p>
<p>Robert Louis Stevenson School, Carmel Campus (Monterey County, CA)</p>	<p>Stevenson School will use their Year 3 funding to support the school's on-going efforts to reduce waste on campus with a focus on single-use plastic baggies. The recycling program will be improved along with the school's vermiculture and composting systems. In addition, the grant will fund a kiosk at the local beach that will be used by students to educate beachgoers about marine debris and reusable alternatives for picnics.</p>	<p>\$4,000</p>
<p>Robert Louis Stevenson School, Pebble Beach Campus & Ocean Academy (Monterey County, CA/Caye Caulker, Belize)</p>	<p>With the shared motto, "Think Globally, Act Locally", Stevenson (Upper) School will be partnering with Ocean Academy in Belize on their Year 1 Ocean Guardian grant. The projects in both schools will focus on the impact of single-use plastics on the ocean. Students in each school will partner with local businesses and work to raise awareness about marine debris and related issues among their respective local tourist communities. As part of the grant, each school will construct a life-size, usable kayak out of recycled bottles to be used and displayed in local venues as an educational tool.</p>	<p>\$8,000</p>
<p>Tularcitos Elementary School (Monterey County, CA)</p>	<p>During this second year of funding, students and teachers will continue working on their school-wide waste reduction campaign with an emphasis on single use drink containers. This will include efforts to improve and expand both the recycling and composting programs at school. Organized trash audits will be performed throughout the year to help guide them to their goal of 85% reduction of campus waste.</p>	<p>\$4,000</p>
<p>Will C. Wood Middle School (Alameda County, CA)</p>	<p>With the funding of a Year 4 grant, Will C. Wood School will continue to focus on the issue of marine debris and the reduction of waste on campus. Students will continue to collect nurdles from the local beaches and send them to be analyzed by The International Pellet Watch. Students will also continue to participate in the three-stream recycling program at school while continue selling their student-designed reusable bags. This year, with support from East Bay Municipal Utilities District, students will design a highway billboard about marine debris in their watershed.</p>	<p>\$1,950</p>
<p>Willow Creek Academy (Marin County, CA)</p>	<p>This Year 4 grant will expand the school's creek restoration project to more fully integrate all grades. Grades K-4 will each implement a hands-on restoration project that will further the long-term goal of returning native fauna and flora to Willow Creek. A new student-led Willow Creek Restoration Leadership Team will be created to help coordinate the various grade-level projects and community outreach activities.</p>	<p>\$2,500</p>