

Ocean Guardian School Funded Projects
September 2014 – June 2015

SCHOOL	PROJECT DESCRIPTION	AWARDED FUNDS
Adelante Charter School of Santa Barbara (Santa Barbara County, CA)	For a third year, with the added participation of younger students, Adelante Charter School will continue to reduce campus litter and educate their larger community on the impacts of marine debris. The school and community-based education will give special attention to the attitude around litter and the difference that one person can make with regards to reducing single-use plastic. Student efforts will continue to include making reusable bags available to the community.	\$0
All Saints Day School (Monterey County, CA)	This third Ocean Guardian School grant supports All Saints' in a new ocean stewardship pathway – Energy & Ocean Health. The sixth grade “Energy Ambassadors” with the help from their second grade “Energy Monitors”, will work to reduce the school’s energy consumption and carbon footprint. During the year, students will assess the school’s energy hotspots from their energy audit, document their audit activities on video, and through a school-wide “Turn it off campaign”, aim to reduce their energy consumption by 15%.	\$ 3999.95
Bay View Academy (Monterey County, CA)	This first year grant will focus on preventing debris from entering local storm drains and becoming marine debris. Four students from the Oceanography Club at the Monterey Bay Aquarium will lead the sixth grade class in researching the issue of marine debris and educating the surrounding neighborhood and businesses about preventative actions. Students will solicit businesses to “adopt a storm drain”. Students will install filter socks at three local storm drains and monitor the collected debris at these sites.	\$611.82
Bullis Charter School (Santa Clara County, CA)	In their Year 1 project, 20 members of the Green Team will coordinate school-wide efforts to reduce the use of single-use plastics on campus, and in turn, will help to protect the health of the San Francisco Bay and leatherback sea turtles. Students are aiming for a 90% reduction in the use of single use water bottles on their campus. This educational campaign will include student presentations, student articles in the parent newsletters, and community and beach clean-ups. Three hydration stations will be installed on campus and three waste audits will take place throughout the year. The Green Team will also run activities in Turtle Camp that teach the younger students about marine debris related issues and how they too can be ocean guardians!	\$2,620
Gault School (Santa Cruz County, CA)	K-5 students from Gault School will work with West Cliff Ecosystem Restoration in their Year 1 project to restore their neighboring coastal cliffs in Santa Cruz, CA. Students will remove invasive species, collect and propagate native seeds in their own Life Lab garden and then plant the native plants out in the coastal bluff areas. Along with these hands-on activities, students will also learn about restoration ecology and ecological restoration through science based curricula.	\$3,950
Goleta Family School (Santa Barbara County, CA)	This Year 4 project continues to focus on the restoration of the Maria Ygnacio Creek with removal of invasive species and plantings of native plants. Students will also reduce use of single-use plastics and continue their Waste Free Lunch program. As part of their outreach activities, students will create a school-wide newspaper that focuses on ocean health and environmental stewardship.	\$2,500

<p>Hillcrest School (Alameda County, CA)</p>	<p>Students will focus their Year 1 project on reducing the school's carbon footprint and thereby decreasing their contribution to ocean acidification. Students will also work towards cleaning up their watershed and removing invasive species to further protect the health of their watershed and ultimately the health of the San Francisco Bay. Throughout the year, students will work to educate their greater community about the importance of ocean health and what we all can do to be ocean guardians.</p>	<p>\$4,000</p>
<p>Joaquin Miller Elementary School (Alameda County, CA)</p>	<p>In this second year of their ocean guardian restoration project, students will continue to work with Friends of Sausal Creek to restore an area in Beaconsfield Canyon within Sausal Creek Watershed. Restoration activities will include: removal of non-native, invasive plants and propagating, planting and maintaining native species. Students will help build healthy creeks, a healthy San Francisco Bay and a healthy ocean.</p>	<p>\$4,000</p>
<p>Kenwood Elementary School (Sonoma County, CA)</p>	<p>Kenwood students will continue to maintain and expand the native plant and wildlife garden including a new demonstration garden at the front of the school, a native plant garden in the kindergarten play area and new natives in select areas around school buildings. Students will also continue to educate their school and local community about the relationship between native plants and the health of local watersheds and the ocean.</p>	<p>\$2,590</p>
<p>Liberty High School (Contra Costa County)</p>	<p>For a second year, students will evaluate the health of Marsh Creek and potential warming due to wastewater treatment plant outfall. Students will work with Friends of Marsh Creek to develop a sampling plan and will collect and analyze data. At the end of their data collection, students will present their findings and recommendations to a variety of city agencies and environmental organizations.</p>	<p>\$4,000</p>
<p>Lincoln Elementary School (Monterey County, CA)</p>	<p>This first year grant will focus on establishing a strong knowledge base and awareness among the students, teachers, staff and parents about the impact of marine debris on the health of the watersheds and ocean with particular attention to single use plastic. The school community will pledge to “rise above plastic” by using reusable bags and bottles. Information will be communicated in English and Spanish.</p>	<p>\$4,000</p>
<p>Lincoln Middle School (Alameda County, CA)</p>	<p>The main goal of this Year 1 project is to restore native plants along the San Leandro Bay and to improve the health of the wetland ecosystem. Students in the Environmental Science elective classes will participate in the project and every six weeks, students will make presentations to the school on their ocean guardian restoration activities, and how these improvements along with other current recycling, and waste reduction efforts are helping to protect the health of the local watershed, the Gulf of the Farallones National Marine Sanctuary and the ocean.</p>	<p>\$2,336</p>
<p>Los Arboles Middle School (Monterey Count, CA)</p>	<p>Using ocean friendly gardening practices and techniques, students will carry out their second year of funding to continue growing their school garden and demonstrating the ways gardening can help protect the health of their local watershed, the Monterey Bay National Marine Sanctuary and the ocean.</p>	<p>\$3,999</p>
<p>Metwest High School (Alameda County, CA)</p>	<p>This first year grant will support activities that focus on improving the health of Lake Merritt. During the construction of the Lake Merritt Channel, students will monitor the water quality and present their findings to the City of Oakland as well as to an audience at the American Geophysicists Union Conference. Students will also participate in restoration and cleanup work around the lake.</p>	<p>\$4,000</p>
<p>North Point High School (Charles County, MD)</p>	<p>During this first year grant project, students will help install a “conservation landscape” that in turn, will contribute to the protection of the health of the Chesapeake Bay and ultimately, the ocean. Students will plant trees and native perennials that will help increase native wildlife habitat while increasing shade, reducing runoff and improving water quality. Students will measure, analyze and compare the amount of green canopy to what existed before their landscaping project.</p>	<p>\$4,000</p>

Ord Terrace Elementary (Monterey County, CA)	With a fourth year of funding, students will continue to work with Return of the Natives on transforming their school grounds to a more ocean friendly campus. They will add a new project this year that focuses on decreasing the storm water runoff that flows to the ocean. Through these various gardening and restoration activities, students will continue to learn and demonstrate how they can protect their local watersheds and the ocean.	\$2,500
Parkview Elementary (Ventura County, CA)	Parkview students will continue their Ocean Guardian 4R efforts that include reducing their use of single use plastic and achieving their 30% waste reduction goal! This year students will receive reusable water bottles and a water filter will be installed in each classroom. The 4 th grade Ocean Guardian Ambassadors will continue to educate their fellow students about the related issues as well as collect and analyze the recycled items collected at school.	\$4,000
Piccowaxen Middle School (Charles County, MD)	Seventh grade students will participate in a variety of habitat restoration activities in Mallows Bay Park. Activities include: the design and installation of blue bird and wood duck boxes, design and implement rain barrel garden, stenciling of storm water drains, participation in a watershed cleanup, planting native trees, installing a fish line recycler and creating informative signs that inform the public about how to help control the spread of invasive species as well as the danger of improperly disposed fishing line.	\$3,836
Santa Catalina School (Monterey County, CA)	A Year 1 grant supports the school's efforts in reducing the amount of single use plastic bottles used on campus. Students will focus on replacing the single-use cups in the cafeteria with reusable bottles. In addition, a hydration station will be installed in a central area on campus to support the use of reusable bottles.	\$3,573
Santa Paula High School (Ventura County, CA)	With support from CAUSE, a local community organization, students will work to reduce single use bottles on their campus. Students will design and carry out a research survey to assess the drinking habits of their fellow students. They will present their findings to the school administration with a recommendation for a location of a new hydration station. Students will also sell at least 100 reusable bottles during education events at lunch and ask students to sign a pledge to go "plastic bottle free". At the end of the year, participating students will visit the Channel Islands and the Santa Clara River.	\$4,000
St. Francis High School (Santa Cruz County, CA)	The school's Ecology Club will coordinate various activities to help increase environmental awareness as it relates to the health of their local watershed and the ocean. Club members will also work to reduce waste at weekly community Bingo nights that take place on school campus. Students will collect and measure collected waste and introduce recycle bins throughout the school as well as introducing reusable water bottles!	\$2,000
St. John School (San Francisco County, CA)	A Year 1 grant will fund a waste reduction project that aims to reduce the amount of single-use plastic water bottles on campus and replace them with reusables. Students will study the impact of single use plastic on the health of the marine environments. They will also take a trip to the Waste Management Center. Students will participate in at least two school-wide, waste-free lunch days. Through various outreach activities, students will also educate their greater community about their Ocean Guardian project and steps they can take to protect the ocean.	\$4,000
Stevenson School Carmel Campus (Monterey County, CA)	The project focuses on reducing energy use at school with a goal of 5% by the end of the school year. Students will perform an energy audit and carbon footprint calculations to establish a baseline for reduction. Students will raise awareness of energy saving strategies regarding printers, copy machines, computers and how a "power down" campaign will help achieve their energy reduction goal. All students will learn about ocean acidification and climate literacy to support these exciting additions to their waste reduction efforts from previous years!	\$3,896
Stevenson School & Ocean Academy (Monterey County, CA and Caye Caulker, Belize)	During this second grant year, students from both schools will continue their school-specific and shared projects within their "one ocean" theme that focus on reducing single use plastic in both locations. Project activities include: completion of "One Ocean" video for submission to the Ocean Film Festival, educational outreach at local festivals using the student-built demonstration kayaks, distribution of reusable shopping bags and bottles, and	\$6,000

	continued development of cooperative efforts between the two schools.	
Urban Assembly New York High School (New York County, NY)	This Year 3 grant continues to support the school's Billion Oyster Project which involves middle and high school students in the restoration of native oyster beds in the New York harbor. Students will learn ecosystem management and marine stewardship while collecting, and analyzing data for water quality, oyster growth, biodiversity and mortality.	\$3,975
Waiak ea High School (Hawai'i County, HI)	Students will study the impact of marine debris on the ocean including the Papahanaumokuakea Marine National Monument. They will also study ways to prevent marine debris through individual and collective actions. Students will share this information through art, infographics and presentations by the Hawaiian language class. In addition, student will organize beach clean ups, install recycling bins and participate in the local "Ocean Day" festival.	\$2,000