

Ocean Guardian School Funded Projects September 2015 - June 2016

SCHOOL	PROJECT DESCRIPTION	AWARDED FUNDS
Adams Elementary School (Santa Barbara County, CA)	Adams School will focus their first school-wide Ocean Guardian project on reducing waste on its campus with a goal of a 30% reduction of single use plastic cups. An existing water fountain will be retrofitted with a water refill drinking system. 55 students will have the opportunity to buy reusable water bottles at a reduced price to replace the single use plastic cups available in the cafeteria. The Otter Club will complete waste audits of the plastic waste in the cafeteria both at the beginning and end of the project year. They will then present their findings to the entire school, the PTA and another local elementary school.	\$3991
Adelante Charter School of Santa Barbara (Santa Barbara County, CA)	During their fourth year of participation in the Ocean Guardian School program, 5 th grade Adelante students will expand their watershed education and outreach by establishing a native plant garden on their school campus. In addition to planting natives, students will also install a rain catchment system on campus and explore other creative ways to conserve water. Students will continue to learn from the Chumash people in Malibu, CA about living in harmony with the land. As part of their outreach, students will create bilingual videos that will be shared with the school and greater communities.	\$4,000
All Saints' Day School (Monterey County, CA)	This year's project will build on last year's ocean stewardship activities that focus on reducing the school's use of fossil energy. The sixth grade will take the lead in a feasibility study of converting the school to solar energy. Their intensive research will include guest speakers, long-term coast analysis, study of local buildings with solar power, etc. The year will culminate in a formal presentation with recommendations to the School Board about the efficacy of investing in solar energy at All Saints' Day School.	\$3,980
Blue Heron School (Jefferson County, WA)	A series of restoration projects will be the focus of this Year 1 grant. Seventh graders will be involved in restoring the riparian habitat along the Chimacum Creek. Activities will include removing the invasive Reed Canary grass and planting native trees. Eighth graders will monitor and analyze two additional sites that are being widened for improved salmon runs. All students will contribute to an ongoing data base that will track the progress at all restoration sites.	\$4,000
Bullis Charter School (Santa Clara County, CA)	The Year 2 project continues with the students' efforts to reduce human impact on their local watershed, the San Francisco Bay and the leatherback sea turtles. Kindergarteners will attend Turtle Camp where they will learn from a student-designed coloring book and student presentations. Sixth graders will organize school-wide activities for Leatherback Sea Turtle Day. All 1-6 graders will participate in other various activities including a campaign to encourage families to use reusable forks in the hot lunch program. Fifth graders will lead the school in adopting-a-river activities.	\$3,990
Captain Jason Dahl Elementary School (Santa Clara County, CA)	The project's main goal is to raise awareness about environmental stewardship and the impact humans have on the ocean. With the help of an initial waste audit and presentations from the student team The Dahl-fins, students will begin to learn how they can increase recycling and decrease waste on their campus. Students will work to reduce the number of individually wrapped sporks, straws and single-use water bottles. K-5 will participate in watershed walks and the sixth grade will visit the ocean. A student team will document the project on video.	\$4,000

Crescent School (Clallam County, WA)	A first year grant will fund the creation of a school-wide (K-12) garden along with the implementation of a composting program in the cafeteria. Students will work with community members to plan and plant the garden in a vacant field directly south of the main school building.	\$4,000
Escuela Bilingue Internacional (Alameda County, CA)	Although EBI is an official “Green School”, their Ocean Guardian funds will support a school-wide effort to further improve their recycling program and the addition of a composting program. Eighth grade students will help lead this campaign and will teach the younger students about the impact of single use plastic on the marine environments.	\$109
Gault School (Santa Cruz County, CA)	K-5 students will continue to work with West Cliff Ecosystem Restoration to bring about positive ecological changes in their coastal backyards in Santa Cruz, CA. Students will continue to 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 5 project continues to focus on the restoration of the Maria Ygnacio Creek with removal of invasive species and plantings of over 300 native plants. The fourth grade will assist with the project. With guidance from SB Natives, students will plant seeds they collect and maintain the newly planted sites. To help educate their local community about their restoration work, students will build an information kiosk and contribute to the contents of the kiosk. Another important part of this year’s project is to help the larger Foothill campus reduce its single use plastic by 25%. Students at Goleta will continue their Waste Free Tuesday Lunch program while introducing it on Foothill’s campus.	\$1,000
Harbor High School (Santa Cruz County, CA)	Harbor High will use their first year’s grant to support their partnership with Global Student Embassy to work with ecological restoration and agricultural sustainability clubs. Activities on campus will include the construction of bioswales and a fruit orchard on campus. The bioswales will increase soil fertility and divert rainwater that ultimately reduces watershed and ocean pollution.	\$4,000
J.C. Parks Elementary School (Charles County, MD)	After much preliminary learning and researching, students at J.C. Parks are ready to become engaged Ocean Guardians! Hands-on projects will include: comprehensive recycling program during meals, reusable water bottle campaign with instillation of a hydration station, creation of a berm near the playground, and a traveling sculpture from trash found in the neighboring wetlands.	\$4,000
Joaquin Miller Elementary School (Alameda County, CA)	A fourth round of funding will continue to support the school’s ocean guardian restoration project with Friends of Sausal Creek. Specifically, second grade students will be involved in restoring an area in Beaconsfield Canyon within Sausal Creek Watershed. Restoration activities include: removal of non-native, invasive plants and propagating, planting and maintaining native species. Students will also work with FOSC in maintaining an additional area just below the Canyon in Marj Saunders Park.	\$2,500
Kenwood Elementary School (Sonoma County, CA)	Kenwood students will continue their native plant garden projects throughout the school campus, focusing on the benefits of native plants as alternatives to turf and other more water intensive landscapes. 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.	\$2,500
Lincoln Elementary School (Monterey County, CA)	A second year grant builds on the school’s first year’s learning about the impact of plastics on marine environments. This year students will use their knowledge as they become more actively involved in hands-on activities in school and out in the community. Activities include: planting natives, replacing single use items with reusables, educating families about the related issues, making classroom reusable party kits and conducting three waste audits throughout the year.	\$4,000

Lincoln Middle School (Alameda County, CA)	A Year 2 grant will support the continuation of the school's restoration project along the San Leandro Estuary. A total of 90 students in the Environmental Science elective classes will participate in the project and every six weeks they will make presentations to the school about 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.	\$3,996.50
Los Arboles Middle School (Monterey County, CA)	Using ocean friendly gardening practices and techniques, students will continue to grow their school garden and demonstrate the ways gardening can help protect the health of their local watershed, the Monterey Bay National Marine Sanctuary and the ocean. New activities for this year will include the addition of garden signs and a kitchen garden in front of the cafeteria.	\$4,000
Miller Junior High School (Grays Harbor County, WA)	Students will focus on restoring a coastal area at Grays Harbor Historic Seaport on the Chehalis River. Project activities will include: assessment of the flora and fauna along the shoreline, removal of invasive plants, cleanup of restoration area, water quality monitoring, and finally communication of related watershed restoration issues to their family and classmates.	\$3,295
Monroe Elementary School (Santa Barbara County, CA)	The goal of this first year grant is to increase both recycling and composting at lunch time while decreasing the amount of litter, all with the aim of moving towards a zero waste lunch program. The 4 th grade students will lead the school-wide project including periodic waste audits throughout the year.	\$2,850
Monterey Bay Charter School (Monterey County, CA)	This project's goal is to introduce kindergarten students, their families and the local community to the importance of native plants in the protection of their watershed and the greater Monterey Bay National Marine Sanctuary. Students will be involved in project related activities in the kindergarten's native plant demonstration garden, on the campus courtyard, and on the Fort Ord National Monument. Students will also make visits to the beach where they will strengthen their connection to the ocean.	\$4,000
North Point High School (Charles County, MD)	A second round of funding will support the continuation of the students' "conservation landscape" project. Students will continue to 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. This year students will also partner with an elementary school where they will mentor the younger students about the related issues of watershed and ocean conservation.	\$3,999
Parkview Elementary (Ventura County, CA)	640 Parkview students and 30 teachers will continue their Ocean Guardian 4R projects that include reducing their use of single use plastic, strengthening their recycling program and general waste reduction efforts! 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 that they collect at school. In addition to the sink filters in every room, this year the school will install a new hydration station to help support the students' commitment to using reusable bottles!	\$3,969.72
Robert Gray Elementary School (Grays Harbor, WA)	Students will be involved in a variety of activities in this year-long educational campaign on the impact of single-use plastic on the marine environments. Students will be involved in: cafeteria waste audit and analysis – at least 3 times during the year, educating fellow students about the issues and related actions they can take to reduce their use of single-use plastic, beach cleanups, and recommendations to the school district's food service about alternatives to single-use plastic items.	\$3,900
Seaside Middle School (Monterey County, CA)	This Year 1 project will focus on both increasing appreciation for the marine environments as well as reducing both waste and litter on the campus. A lunchtime club of 7 th and 8 th graders will lead the campaign and participate in a minimum of two trash audits per quarter. Students will also present slide shows to the rest of the school and community partners about the places they visit and why they are to be valued and protected. Students will also work with a local television station in creating PSAs.	\$4,000

St. Francis High School (Santa Cruz County, CA)	The school's Ocean Guardian work will continue with a second year of funding. Students strengthen their waste reduction efforts with the addition of two hydration stations on campus. Students will use these new hydration stations as ways to educate and inspire other visiting schools to also engage in these ocean stewardship practices.	\$4,000
St. John School (San Francisco County, CA)	The school-wide Year 1 waste reduction project will continue for another year with the goal of reducing the amount of single-use plastic water bottles and other harmful waste while increasing the use of reusables. Students will continue to learn about the issues of marine debris and share this information with their families and community.	\$4,000
Robert Louis Stevenson School Carmel Campus (Monterey County, CA)	The restoration project focuses on a hillside behind a row of classrooms. Students will study the erosion issues and research ways they can use native plants to stabilize this threatened area. Students will select and plant the natives and create informational signs to educate their school community about the impact of native plants on the health of their local watershed.	\$1,300
Terra Linda High School (Marin County, CA)	With the guidance from their community partner, Global Student Embassy, students in the Marin School of Environmental Learning (MSEL) at Terra Linda High School will be engaged in a variety of hands-on activities that reinforce the connection between farming practices and ocean conservation. Students will map, design and construct bioswales and berms on the school's food garden and hillside orchard. They will learn how these landforms ultimately protect the health of their watershed and nearby ocean.	\$4,000
Urban Assembly New York High School (New York County, NY)	This Year 4 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.	\$4,000
Waiakea High School (Hawai'i County, HI)	Students will study the impact of marine debris on the ocean including the Papahānaumokuākea Marine National Monument. They will also study ways to prevent marine debris through individual and collective actions. Students will plan and implement a reusable water bottle campaign within the school and promote the use of reusable bags at home and out in the larger community. Students will participate in the University of Hawai'i Ocean Awareness Day. In addition, students will be involved in regular collection and analysis of recycled waste, student will organize beach clean ups, install recycling bins and participate in the local "Ocean Day" festival.	\$2,000
Washington Middle School (Monterey County, CA)	This first year grant will support the start of school's garden where students will learn how a variety of ocean friendly gardening techniques and practices can help protect the health of their local watershed and ocean.	\$3,991
Watershed School (Boulder County, CO)	The grant will support a school-wide waste reduction campaign led by a weekly Ocean Guardian club with a goal of 30% reduction of their school's waste. Activities will include: the distribution of reusable bags and bottles with a student-created brand, scheduled analysis of school's waste, organization of community clean-up of Boulder Creek, execution of Plastic-Free Tuesday and education of school and community members about the related marine debris issues. Students will work closely with the Colorado Ocean Coalition as well as Journeys, a local preschool.	\$3,350