

**NOAA Ocean Guardian School  
Funded Projects**  
September 2018 – June 2019

SCHOOL	PROJECT DESCRIPTION	AWARDED FUNDS
Adams Elementary School (Santa Barbara County, CA)	For their fourth year of funding, Adams Elementary School will continue to grow their efforts to reduce waste on campus including: increased use of reusable items, composting and recycling, and supporting a zero waste cafeteria. 3 <sup>rd</sup> - 6 <sup>th</sup> grade Ocean Guardian Ambassadors will learn about the school's stewardship efforts and serve as mentors for students in the two after-school programs.	\$3,995
Amelia Earhart Elementary School (Alameda County, CA)	With a focus on the 6Rs, Amelia Earhart Elementary School students will use their third year of funding to continue maintaining their school garden, reducing their use of recycled plastic, and organizing carpools.	\$4,000
Amesti Elementary (Santa Cruz County, CA)	For their Year 1 project, Amesti Elementary students will focus on improving the health of their campus and in turn, the health of their local watershed by removing non-native invasive plants and replacing them with native species. As they work to create an ocean-friendly landscape at school, students will also spend time at a nearby slough, learning about the native species, and their relationship to their local watershed.	\$3,994
Bullis Charter School (Los Altos County, CA)	In their fifth year of funding, Bullis Charter School students will continue to work on their marine debris project. Activities include: banning balloons at all school events, expanding their composting program to include paper towels, and deepening their commitment to reducing single use plastic, especially at special events that include adult members of their school community.	\$1,000
Calabasas Elementary School (Santa Cruz County, CA)	With their Year 3 grant, Calabasas Elementary School's Green Team will continue to raise student awareness regarding the impact of plastic trash and litter on local watersheds and our one ocean. Their main challenge this year will be to reduce the amount of cafeteria-based plastic trash on campus.	\$3,900

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Cascade Canyon School (Marin County, CA)	In the third year of their Ocean Guardian School project, Cascade Canyon students will continue to work to protect the health of their local watershed by expanding their native plant and pollinator gardens as well as their school's composting program.	\$3,725
Cesar Chavez Elementary School (Monterey County, CA)	During their second year of funding, Cesar Chavez Elementary School will continue to grow their 6R efforts on campus and in the garden by: 1) increasing the use of rain barrels to capture water for their new garden beds; 2) increasing the use of reusable water bottles; and 3) involving more students in their vermicomposting system.	\$4,000
Gault Elementary School (Santa Cruz County, CA)	For a fifth year of funding, and in collaboration with Groundswell Coastal Ecology, Gault Elementary School students will participate in the Gault Seabright Coastal Restoration Program (GSCR), engaging students in science and stewardship activities of Monterey Bay coastal ecosystems. Through a variety of hands-on activities including plant propagation, invasive plant removal, and ecological restoration, students will learn about coastal ecology and conversion of degrading coastline to thriving native ecosystems.	\$1,000
Goleta Family School (Santa Barbara County, CA)	In their sixth Ocean Guardian year, Goleta Family School students will continue to raise their community's awareness about plastic pollution as well as how to reduce their personal use of single-use plastic. The school will practice long-term data collection and perform time series analysis.	\$3,995.51
Hall District Elementary (Santa Cruz County, CA)	In their Year 1 project, Hall District Elementary students will engage in stewardship activities that help to protect and restore the health of their local Alisal-Elkhorn Watersheds and nearby Carneros Creek. Hands-on activities include litter removal, invasive plant removal, planting of native plants, and labelling storm drains.	\$4,000

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Happy Valley Elementary School (Santa Cruz County, CA)	In their second year of funding, Happy Valley Elementary School will continue to develop their Monterey Bay friendly school garden and Watershed Learning Center. Students will participate in stewardship activities that include: native plant propagation and planting, invasive plant removal, composting, use of water catchment system, building and installation of wildlife habitat structures, and developing interpretative and plant signage.	\$4,000
Joaquin Miller Elementary School (Alameda County, CA)	Joaquin Miller Elementary School Ocean Guardians will continue to grow their school's awareness and related practices around waste reduction and reduction of single-use plastic. One priority of this year's project is the creation of permanent sorting stations with improved signage and visibility at key locations on their campus as well as food share stations during lunch. They will continue to support their edible school garden as a sustainability model and encourage family home waste reduction.	\$4,000
Kellogg Elementary School (Santa Barbara County, CA)	With their first year grant, Kellogg Elementary School students will focus their stewardship efforts on the 5Rs with special attention on reducing single-use plastic and Styrofoam waste on campus and out in the community. The new Ocean Guardians Club will be open to all students at Kellogg with opportunities to participate in school assembly presentations, school-wide zero waste lunch days, family beach clean-ups, and analysis of published information and data.	\$4,000
Lincoln Middle School (Alameda County, CA)	With their fifth Ocean Guardian School grant, 90 Environmental Science students from Lincoln Middle School will participate in the school's ongoing restoration project along their local shoreline. Hands-on activities include: removal of non-native invasive plants, planting of native plants, and cleaning up litter from the wetlands that border their school.	\$1,000
Live Oak Charter School (Sonoma County, CA)	Live Oak Charter School's Year 1 project will focus on building a cohort of ocean warriors in their school and community. The school plans to educate and implement infrastructure and polices on campus to support waste diversion from landfills through a campus wide composting program. Students will advocate for water conservation by installing a rainwater catchment system to help support their school garden.	\$3,985.47

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Mary Chapa Academy (Monterey County, CA)	Mary Chapa Academy plans to continue growing its garden lab with an emphasis on the collection and use of compost in the food growing process. Each classroom will collect compost, and the student council members will make presentations to every class on the importance of compost.	\$4,000
Mary Collins School at Cherry Valley (Sonoma County, CA)	In their first year of funding, Mary Collins School at Cherry Valley will install a rainwater catchment demonstration system to be used in their school garden. Students will use the data they collect from their catchment system to estimate the water savings throughout their school district. Students will present their findings to the Petaluma City School Board of Education.	\$4,000
Melrose Leadership Academy (Alameda County, CA)	With their second year of funding, Melrose Leadership Academy students will continue their restoration work of Courtland Creek. In addition to clearing trash in the creek, students will remove non-native invasive plants and plant native species while also participating in the restoration design, creation of interpretive signage as well as advocating to the City of Oakland for positive change in their local community.	\$4,000
Mintie White Elementary (Santa Cruz County, CA)	With 90 students, Mintie White Elementary School's Year 1 project plan is to gain a comprehensive understanding of how students can support the reduction of single-use plastic at their school and out in the community.	\$4,000
Monterey Bay Charter School (Monterey County, CA)	Monterey Bay Charter School's goal is to become a zero waste school. Students and teachers will be given reusable water bottles, cutlery, and dishes to help eliminate the use of single-use plastic. Students will participate in scheduled beach clean-ups. The school will work closely with Monterey Regional Waste Management District (MRWMD) in their efforts to become zero waste.	\$4,500
Pacific Elementary School (Santa Cruz County, CA)	With their Year 1 grant, Pacific Elementary School's Coastal Enhancement Project will focus on the restoration of the coastal habitat of the San Vicente coastal watershed. Restoration activities will aim to increase biodiversity and coastal resiliency of their highly visited town along Monterey Bay National Marine Sanctuary. Students will remove invasive plants, plant native species, create interpretative signage, and engage in outreach efforts about their stewardship activities.	\$4,000

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Prunedale Elementary (Monterey County, CA)	Prunedale Elementary School's Year 3 grant will continue to focus on school and community education about the 5Rs. The project will continue to support the students' use of reusable water bottles at their hydration station. As the project expands, the school hopes to collect enough data to obtain district approval for cutlery dispensers in their cafeterias.	\$4,000
Salesian Elementary and Junior High School (Santa Cruz County, CA)	With their third year of funding, Salesian Elementary and Junior High School will continue to educate their students, faculty and parents about the beneficial impacts of sustainable gardening and native plant habitat restoration in their local watershed that empties into the nearby Monterey Bay National Marine Sanctuary. As they begin to plant an oak woodland habitat, students will continue to remove more ice plant and paddle cactus on the school grounds.	\$4,000
Santa Catalina School (Monterey County, CA)	Santa Catalina School will use their second grant to continue to reduce the amount of single-use plastic on campus while educating students, faculty, and parents about the effects of single-use plastics on land and out in marine habitats. Students will participate in scientific investigation of microplastics on local beaches, conduct school waste audits, and participate in conversations with local experts.	\$4,000
Scotts Valley High School (Santa Cruz County, CA)	Scotts Valley High School's Year 1 project will aim to reduce waste and toxins from "LAND TO SEA." Project areas include sustainable landscaping, soil reconstitution, recycling and community outreach efforts. In addition, the Marine Biology and Environmental Science classes will conduct at least one beach cleanup with data entry.	\$4,000
Seaside High School (Monterey County, CA)	Last year, after seeing the need for improved waste management on their campus, students at Seaside High School established the Ocean Defenders club. This year the club plans to install four refill stations, three-bin concrete waste receptacles with lids, and establish a sustainable compost system.	\$4,000
Starlight Elementary School (Santa Cruz County, CA)	At the beginning of the school year, Starlight Elementary School will conduct a waste audit to understand more clearly their school's waste story. With increased recycling on campus, the students will work to reduce the amount of landfill items,	\$3,980

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	and with increased monitoring of trash on the schoolyard, students will work to reduce the amount of micro-trash that washes into storm drains.	
Vista Verde Middle School (Monterey County, CA)	With their first year of funding, Vista Verde Middle School will focus on the use of outdoor labs to teach students sustainable agriculture practices and how to reduce their carbon footprint. Students will explore different farming practices that use vertical and hydroponic gardening techniques.	\$3,900
Washington Middle School (Monterey County, CA)	With their fourth year of funding, Washington Middle School's main goal is to increase sustainability of their school garden by creating a community volunteer program and garden club to help maintain the garden space. They will also be refining and increasing the bank of lesson plans that use or reference the veggie and native plant garden and its products.	\$2,498
Watsonville Charter School of the Arts (Santa Cruz County, CA)	Watsonville Charter School of the Arts will continue their waste reduction activities, focusing this year on educating school administrators about refillable water bottle stations in order to eliminate student reliance on plastic bottles. They plan to present data to their local elementary schools, supporting the use of utensil dispensers in the cafeterias that will eliminate the need for SPORK packages. In addition, students will work with youth sports organizations to reduce the single-use plastic water bottles at practices and games.	\$4,000
J.C. Parks Elementary School (Charles County, MD)	J.C. Parks Green Team will use their fourth year of funding to continue educating their school and local community about how to reduce waste with a focus on reducing single use plastic. Having gained support from the County Commissioners, J.C. Parks Ocean Guardians will focus this year's efforts on the reduction of plastic straws both within their school and out in the Charles County community.	\$4,000
North Point High School (Charles County, MD)	In addition to continuing to reduce the use of single-use bottles on campus, North Point High School will work to introduce the use of compostable cutlery, plates, and to-go containers. Students will continue to grow school and community awareness about the ocean's health, water conservation, and plastic pollution.	\$4,000
Bogue Sound Elementary (Carteret County, NC)	With their first year of funding, Bogue Sound Elementary students will work to limit the amount of litter entering their waterways, focus on keeping their campus clean,	\$2,992

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	and spread awareness of marine debris to their fellow students, staff, and local community.	
Cape Hatteras Secondary School of Coastal Studies (Dare County, NC)	Cape Hatteras Secondary School's Year 1 project will focus on promoting and implementing the 5Rs sustainable waste reduction practices. All students and teachers will participate in a recycling program in collaboration with the community recycling center.	\$3,000
Key Largo School (Monroe County, FL)	With their first year of funding, students at Key Largo School will restore, maintain, and create access to natural and native habitats at their school and nearby preserve area. Students will be learn to identify natives and exotic species in the school yard nature trail.	\$4,000
Stanley Switlik Elementary School (Monroe County, FL)	Stanley Switlik Elementary School will use its first year of funding to increase awareness of recycling and the related issues. First steps towards improving the school's recycling program will include an educational recycling campaign.	\$3,372.50
Dickinson High School (Galveston County, TX)	Dickinson High School's Year 1 project will focus on the issue of single-use plastic with an emphasis on reducing single-use plastic water bottles on campus. While the Environmental Systems and Aquatic Science classes learn about the impact of single-use plastic, they will participate in local wetland clean up events. These classes will also lead a campus-wide educational campaign about single-use plastic.	\$4,000
Greta Oppe Elementary School (Galveston County, TX)	With their second year of funding, students at Greta Oppe Elementary School will continue growing their "ocean friendly" school garden. This year they will add a rain cistern to the garden.	\$3,989.81
Yorkshire Academy (Harris County, TX)	With their Year 1 funds, Yorkshire Academy plans to educate students about the health of the Gulf of Mexico with a focus on Flower Garden Banks National Marine Sanctuary. Students will learn how to test rain water and plant water for percentages of fertilizer and research the progress of rainwater from Buffalo Bayou to the Gulf of Mexico. They will learn how excessive fertilizer can impact the marine life with emphasis on Stetson Bank.	\$3,021.65

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<p>Gastineau Elementary School (City and Borough of Juneau, AK)</p>	<p>Gastineau Elementary School plans to focus on reducing single-use plastic in their school and community. Students will conduct a waste audit with an aim to reduce plastic silverware in their lunchroom. They also hope to raise awareness in their community about the impact of single-use plastic.</p>	<p>Participating without funds</p>
<p>Thunder Mountain High School (City and Borough of Juneau, AK)</p>	<p>Students at Thunder Mountain High School have proposed to reduce single-use plastic on their school campus and out in their community. They will conduct a waste audit at school that focuses on plastic water bottles. Their stewardship activities include improving the school's recycling program, removing trash from their watershed, and educating the community about the impact of marine debris.</p>	<p>Participating without funds</p>