

CA B-WET FY16: San Francisco Bay Watershed

GRANT RECIPIENT	PROJECT DESCRIPTION	FUNDED AMOUNT
Friends of the Petaluma River (Student and PD)	<p>“Watershed Classroom” – This project will provide 3 days of faculty training in Project Based Learning and watershed instruction focused on the Petaluma watershed with a field study on the Petaluma River. Teachers will then implement engaging school-year long curriculum about the Petaluma River and Watershed to educate youth in Petaluma about their place in our environment, how their decisions and actions affect their environment and inspire youth to conserve and celebrate the Petaluma Watershed. Students will develop and present information on their projects through the course of the year.</p>	\$52,544
Cycles of Change (Student)	<p>“Blackberry Creek Living Laboratory Sustainability Project” – This project will educate and inspire students to appreciate their watershed through the history of Blackberry Creek including elevated levels of fecal coliform from an abandoned sewer line leaking into a catch basin flowing to the creek. They will use Blackberry Creek as a living laboratory for watershed education including geography, history and ecology; fieldtrip of the creek from headwaters to the San Francisco Bay, observing creek ecosystems at natural, urbanized and restored sites; learn about lifestyle and transportation choices with bicycle field trips to the Bay and Shore Bird Nature Center. Students will present their work and results through at least one public</p>	\$49,758
Bay.org (Student)	<p>“Integrating Watershed Science Education through Trout in the Classroom” - This project will increase and expand implementation of the very effective Trout in the Classroom program to underserved classrooms in the San Francisco Unified School District. We will increase the number of classrooms and expand the program content.</p>	\$57,930
Girl Scouts of Northern CA (Student)	<p>“Green By Nature” – This project focuses on improving environmental literacy and stewardship in our own San Francisco Bay Watershed. GSNorCal will offer 16 series for 10 weeks each: 8 in Alameda County, 2 in San Francisco County, and 6 in Contra Costa County. Each series will provide a field trip that offers outdoor field activities and stewardship action projects relating back to the information girls learned in the classroom.</p>	\$44,654
Marine Science Institute (Student)	<p>“Student stewards of Redwood Creek Watershed”- Sixth grade students in Redwood City will build perspectives on their local watershed's connection to the ocean through monthly exploration and hand-on activities including 3 stream studies and 2 canoe-based creek studies. Students will practice the scientific method, develop a hypothesis regarding an aspect of watershed, and engage in marine debris reduction and water quality surveys. High school students will become environmental mentors to 6th graders and lead a teacher workshop sponsored by the county Office of Education.</p>	\$30,400
Strategic Energy Innovations (Student)	<p>“Discovering Watersheds & Public Water Systems Program”- Strategic Energy Innovations (SEI), a non-profit organization dedicated to helping create sustainable communities, will utilize this funding to expand and support the implementation of our new Watersheds & Public Water Systems and Water Assessment curriculum units at high schools within the San Francisco Bay-Delta watershed. These project-based units:</p> <ol style="list-style-type: none"> 1. Engage students in exploring their local watersheds through hands-on field trips to perform water quality testing and GIS story-mapping, and 2. Empower them to take action to protect and preserve local watersheds in their home and community through water audits and action plans, citizen science, and watershed clean-up opportunities. 	\$57,000

<p>Golden Gate National Parks and Recreation (Student)</p>	<p>“Expanding the Impact of Project WISE (Watersheds Inspiring Student Education): Providing Meaningful Watershed Educational Experiences for Students in the Presidio of San Francisco”- Project WISE (Watersheds Inspiring Student Education) has developed into a sought-after program with 4core components. The first component is a year-long, place-based, student-centered, Advanced Placement (AP) environmental science program engaging 60 ethnically, racially, and economically diverse high school youth in watershed education, enhancement, and restoration in the Presidio of San Francisco a unique national park in an urban area. The second component draws from the work done with the year-long class, providing shorter units for San Francisco Unified School District classes that are unable to commit to such an extensive program. The third component draws students from the first two and provides intensive summer science programming that connects students with professional scientists in national parks. The fourth component draws from students from the first one and provides additional in-depth science and environmental experiences that occur on weekends and evenings. Project WISE connects public school youth and teachers with meaningful watershed experiences by enabling active, constructive participation in educational, stewardship, and restoration activities combined with small group, hands-on, investigative projects presented to peers, the public, and park officials.</p>	<p>\$30,000</p>
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