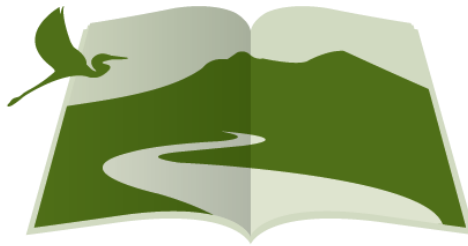


**Petaluma EE Resources
2017-2018**

Presented by



Watershed Classroom

a program by

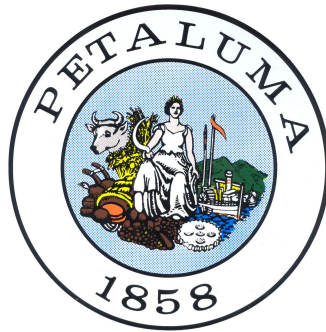


FRIENDS OF THE
PETALUMA RIVER

Programs in Alphabetical Order

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City of Petaluma
Ellis Creek Water Recycling Facility Tour



Contact Information:

Tiffany Avila, Chelsea Thompson
Ellis Creek Main - 707-776-3777

Website: cityofpetaluma.net/wrcd/wastewater.html

Area of Focus: Wastewater Treatment

Grades Served: K-12

Description: Tour of Ellis Creek Water Recycling Facility.

Resources Provided:

- Field Trips
- Information

NGSS No

Daily Acts
Stormwater-Friendly Landscape Transformations



Contact Information:

Brianna Schaefer, Programs Manager
brianna@dailyacts.org

Website: www.dailyacts.org

Area of Focus: Converting under-utilized lawn into diverse, stormwater- friendly landscapes that absorb the rain and provide food, habitat, beauty and wonder.

Grades Served: 3-12

Description: Daily Acts is an educational non-profit that teaches people and communities how to live more sustainably by reclaiming the power of our daily actions. We believe in low-tech, low cost, people-powered solutions to the crisis facing our planet and our County. We offer hands-on workshops on graywater systems, rainwater harvesting and water-wise garden installation along with educational talks, tours and volunteer opportunities to give people the skills and resources they need to live richer, fuller lives while using less resources.

Resources Provided

- In-Class Visits
- Speakers
- Field Trips
- Curriculum
- Classroom Materials
- Classroom Funding
- Information
- Project Collaboration/Support
- Professional Development
- Other.... Through our contract with the City of Petaluma, we are able to support students in the transformation of lawns into diverse habitat that will absorb the rain and reduce stormwater pollution runoff. If you have a project in mind, please give us a call.

NGSS No

Friends of the Petaluma River Watershed Classroom Program



**FRIENDS OF THE
PETALUMA RIVER**



Watershed Classroom

Contact Information:

Katelynn Wiley (Watershed Classroom Coordinator)
katelynn@friendsofthepetalumariver.org

Website: watershedclassroom.org

Area of Focus: Petaluma River and Watershed

Grades Served: TK12

Description: Friends of the Petaluma River believes that by teaching Petaluma's youth, our teachers are guiding future generations of Petalumans whose decisions will determine the health and vitality of our wetlands and other natural resources. This is why the Watershed Classroom program focuses on providing educators with the tools to implement exceptional outdoor curriculum on the Petaluma River and Watershed. The program offers a wide range of support to local educators including an annual stipend (\$500 year 1, \$250 continuing involvement).

Resources Provided:

- In-Class Visits
- Speakers
- Field Trips
- Curriculum
- Classroom Materials
- Classroom Funding
- Project Collaboration/Support
- Professional Development
- Information

NGSS Yes

Petaluma Wetlands Alliance Education Program



Contact Information:

Al Hesla
Helen Heal

Website: <http://petalumawetlands.org/>

Area of Focus: Watershed Education

Grades Served: Third

Description: In the classroom on Day 1, then a field trip to Shollenberger Park on Day 2

Resources Provided

- In-Class Visits
- Speakers
- Field Trips
- Curriculum
- Classroom Materials
- Information
- Project Collaboration/Support
- Professional Development

NGSS Yes

Point Blue
Students and Teachers Restoring a Watershed (STRAW)



Contact Information:

Gina Graziano, Education Coordinator, STRAW Program
ggraziano@pointblue.org

Website: pointblue.org/STRAW

Area of Focus: Ecological restoration, place-based education

Grades Served: K-12

Description: Point Blue's STRAW Program coordinates and sustains a network of teachers, students, restoration specialists and community members to plan and implement watershed restoration.

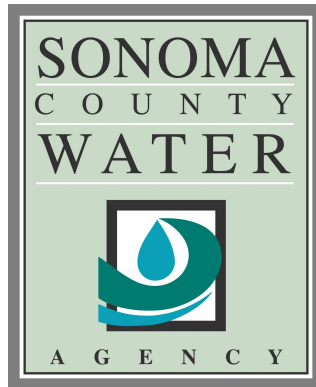
STRAW's science education emphasizes project based learning and offers an integrated learning experience for students to work together, connect to their local watershed, and be empowered by their actions.

Resources Provided

- In-Class Visits
- Speakers
- Field Trips
- Curriculum
- Information
- Project Collaboration/Support
- Professional Development

NGSS Yes

Sonoma County Water Agency Water Education Programs



Contact Information:

David Berman
David.berman@scwa.ca.gov

Website: scwa.ca.gov/education/

Area of Focus: Water Education

Grades Served: TK-12th

Description: *TK program* – Splish Splash! Water's Journey to Your Class is conducted by Water Agency staff in your classroom. This 30-minute lesson focuses on where our water comes from and water conservation.

3rd Grade program - This program includes two 60-minute lessons conducted by Water Agency staff in your classroom. Through hands-on experiments and discussions, students explore how their attitudes and daily habits affect their water supply source.

4th Grade Classroom Presentation - Renewable Energy: Part of the Climate Change Solution. In this one-hour lesson, students will learn about how fossil fuel combustion impacts Earth's climate. Students will see how a changing climate effects water resources, ecosystems, and wildlife. Students will compare and contrast renewable and non-renewable sources of energy and learn how renewables can be part of a workable solution to help slow climate change. Solar cells, a hydroelectric energy generator, and an electrostatic Van de graaff generator will be used to provide hands-on learning experiences. Emphasis will be placed on actions that students can take to make a difference at home and at school to reduce our collective impact on the environment.

5th Grade program - Bring your class out to the Russian River and our groundwater pumping facilities to experience firsthand the source of our drinking water. The program consists of a one hour pre-site classroom lesson conducted by Water Agency staff and a follow-up field trip to the Russian River.

Steelhead in the Classroom Workshop

Resources Provided

- In-Class Visits
- Speakers
- Field Trips
- Curriculum
- Classroom Materials
- Information
- Project Collaboration/Support
- Professional Development

NGSS No

Sonoma County Wildlife Rescue Education Program



Contact Information:

Michelle Fowler (Education Outreach Director)
education@scwildliferescue.org

Website: www.scwildliferescue.org

Area of Focus: Sonoma County wildlife rescue and education

Grades Served: TK-12

Description: Let's bring learning outside! Come to our beautiful facility and see native wildlife in their natural habitat. Through observation and interactive presentations, your class will gain a greater understanding of their local wildlife and their place in our community. We can do activities on a variety of subjects, including ecology, wildlife rehabilitation, and cohabiting peacefully with wildlife. Our presentations reflect the applicable Next Generation Science Standards for each grade level.

Resources Provided:

- In-Class Visits
- Speakers
- Field Trips
- Curriculum
- Information
- Project Collaboration/Support
- Professional Development

NGSS Yes

Sonoma Resource Conservation District
LandSmart® Education



Contact Information:

Christine Kuehn, Education and Communications Specialist
ckuehn@sonomarc.org
707-569-1448 ext. 114

Website: <http://sonomarc.org/html/education.htm>

Area of Focus: Agricultural and natural resource education programming serving student's county wide.

Grades Served: 4th and 9-12th

Description: The Sonoma RCD has long understood the importance of providing hands on experiences to all ages in order to create connections and encourage conservation action. We strive to offer opportunities that showcase the interplay between natural resource conservation and our working landscapes. For over 70 years, the RCD has provided science-based solutions to landowners and managers across its district in Sonoma County. We believe providing opportunities for youth of all ages to engage with agriculture and the natural environment, while understanding the partnerships it takes to protect and restore our most treasured lands will benefit our community as a whole. Our programs, TEAM and FARMS Leadership, both offer a range of support to local educators to get students out on the land to learn with us.

Resources Provided

- In-Class Visits
- Speakers
- Field Trips
- Classroom Funding
- Information
- Project Collaboration/Support

NGSS Coming Soon

Westminster Woods
School Programs

westminster woods

Contact Information:

Paige Dulberg (Logistics Coordinator)
(707) 874-2426 ext. 623
logistics@westminsterwoods.org

Website: <http://www.westminsterwoods.org/environmental-education/>

Area of Focus: Environmental Literacy & Character Development

Grades Served:

K-12. Our primary focus for grades 4-8 is Environmental Literacy and grades 5-12 is Character Development.

Description: School Programs mission is to “foster the development of character, community, and science literacy in students through experiential residential outdoor education”. We offer three program types: those focused on Environmental Science and Education; those devoted to Character Development that focus on teambuilding initiatives and our high ropes course; and programs that combine the best of our Environmental Science and Character Development initiatives. Our Teacher Naturalists are dedicated professionals committed to supporting Next Generation Science Standards through inquiry, observation, adventure, and discovery. We maintain small group sizes to maximize the learning experience and encourage reflection and growth. We are located just outside of Occidental and are nestled in 200 acres of coastal redwood forest.

Resources Provided:

- Field Trips (1-5 days in length)

NGSS Yes