

Marin Agricultural Resource Guide for Educators

Local Food, Farms, & the Environment

www.growninmarin.org

Visit www.growninmarin.org/Resources_for_Educators, a website of the University of California Cooperative Extension, Marin County, to find “Amazing But True: Facts about Marin County Agriculture”, the Food for Thought curriculum ready to download, and detailed information on Marin farms, agriculture and the educational resources listed in this guide.



FARM BASED EDUCATION

Agricultural Institute of Marin - Market Tours

www.agriculturalinstitute.org/market-tours

AIM offers a variety of tours at the Thursday Marin Civic Center Farmers Market. You may choose to attend a market orientation, participate in a self-guided farmers market treasure hunt, or take a tour with a AIM market manager.

Devil's Gulch Ranch www.devilsgulchranch.com

Mark Pasternak and Myriam Kaplan-Pasternak, DVM, owners of the ranch since 1971, also offer agriculture and nature educational programs. The educational programs are run by DG Educational Services (DGES, a 501c3 non-profit).

Indian Valley Organic Farm & Garden

www.conservationcorpsnorthbay.org/f/eng/wwd_programs_indianvalley

Indian Valley organic Farm & Garden is a 5.8 acre certified organic education farm and garden located at College of Marin's Indian Valley Campus.

Slide Ranch www.slideranch.org

Slide Ranch is a teaching farm located at a historic coastal dairy in the Marin Headlands. Organic gardens, goats, sheep, and chickens, along with numerous coastal trails, tide-pools and pocket beaches, provide an ideal outdoor venue for teaching about healthy foods, healthy living and environmental awareness. Hands-on weekday and overnight farm workshops are offered for all ages.

Students and Teachers Restoring a Watershed

www.prbo.org/cms/192

Students participate in professional restoration projects on ranches, farms, school grounds, and other public lands. They also apply and deepen their knowledge of academic subjects through exploring creek ecology and hydrology, bird and aquatic insect studies, water quality monitoring, mapping, native plants, and nature writing and art with the assistance of STRAW staff and partners.

Marin County Outdoor School at Walker Creek Ranch

www.walkercreekranch.org/oe.htm

Operated by the Marin County Office of Education, the Marin County Outdoor School at Walker Creek Ranch provides hands-on, field-based activities correlated to core State science standards curriculum. Situated on a 1700-acre former dairy ranch, they offer 4- or 5-day residential programs geared to 5th and 6th grade students. Older and younger age groups are considered, based on availability.

Marin Organic www.marinorganic.org

& Marin Agricultural Land Trust www.malt.org

Farm Field Studies Program

www.marinorganic.org/farmfieldstudies.php

The Program provides opportunities for K-12 students to visit local organic farms and ranches including vegetable farms, dairies, and beef & sheep ranches. Farm educators are also available to come into classrooms for half hour presentations to prepare students for their farm visit. Please download a registration form and return it to Marin Organic to begin the process of Registration.

CURRICULUM

4-H Youth Development Program Curricula

www.ca4h.org/Projects/Curriculum/FREE

The free 4-H Curricula contains modules varying from Animal Sciences to Environmental Education to Science Literacy to Plant Science, Agriculture, and Gardening. There is also an active Marin County 4-H Program cemarlin.ucdavis.edu/Programs/4-H_Program with many regional clubs throughout the county. For information on a short course on Embryology with lesson plans and site visits, contact Allison Keaney with the 4-H Youth Development Program at 415-499-4204 or alkeaney@ucdavis.edu.

California & National Farm to School Network

www.cafarmtoschool.org/curriculum.php

Farm to School brings healthy food from local farms to school children nationwide. Farm to School programs teach students about where their food comes from, and instills healthy eating habits that can last a lifetime. Evaluation tools are available on the National Network, www.farmtoschool.org/resources.php

CA Foundation for Agriculture in the Classroom

www.cfaitc.org Free lesson plans, teacher guides, games, and more.

Food for Thought ucanr.edu/foodforthought



29 free, hands-on lesson plans for grades 4-6 exploring agriculture in Marin using traditional classroom disciplines. Lessons are correlated to California State standards for science, math, history/social studies, and English/language arts.

Food, Land & People's Resources for Learning

www.foodlandpeople.org

Food, Land & People's science- and social sciences-based curriculum, Resources for Learning, serves Pre-K to 12th grade students. Developed and tested by educators around the country, lessons range from environmental science and stewardship to human populations and land use issues.

Kids Cook Farm-Fresh Food - CA Dept of Education

www.cde.ca.gov/ls/nu/he/documents/kidscookcomplete.pdf

Kids Cook Farm-Fresh Food is an introduction to

CURRICULUM (CONTINUED)

California's diverse farm-fresh produce, explaining how farmers grow it in ways similar to the students' own gardens at school.

Life Lab www.lifelab.org

Through its curricula and programs, Life Lab helps schools develop gardens where children can create "living laboratories" for the study of the natural world.

LiFE Curriculum Series

blogs.tc.columbia.edu/cfe/education/nutrition-curriculum

LiFE uses the study of food and food systems to address national standards in the areas of life science as inquiry. Unifying concepts such as understanding systems as interacting parts and understanding the flow of energy and matter through systems.

Marin Co. Stormwater Pollution Prevention Program

www.marincounty.org/depts/pw/divisions/mcstoppp

MCSTOPPP offers educational tools for understanding your local watershed, including free coloring books, activity guides, plant cards, composting guides, a diorama, and a puppet show.

Marin Master Gardeners School Garden Program

ucanr.org/sites/MarinMG/Community_Service/Projects/School_Gardens

The goal of Marin Master Gardener School Garden Program is to help schools set up sustainable gardens that create healthy environments for students to learn in. Their website includes information on planning and building a school garden, information on integrating curriculum into your school garden, and other school garden resources.

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Farm Field Studies Program

www.marinorganic.org/farmfieldstudies.php

FFS program offers on-farm and in-classroom experiences that are linked to the CA State Content Standards. This gives teachers the opportunity to weave the farm into classroom lessons throughout the year. We offer curriculum aids and visual lesson plans that correlate to the California Department of Education Frameworks for math, science, history-social science, and English-language arts.

CURRICULUM (CONTINUED)

Nutrition to Grow On CA Dept. of Ed.- Grades 4-6
www.cde.ca.gov/ls/nu/he/nrttogrow.asp
Curriculum for grades four through six that offers teachers a direct link between the garden and nutrition education.

TEACHER TRAINING

Agricultural Institute for Teachers

ucanr.edu/growninmarin.org/ait

During this multi-day training, teachers visit local farms, discuss current issues with food producers, receive free curricula, and have time to plan with colleagues. Continuing Education credits available.

Occidental Arts & Ecology's School Garden Teacher Training and Support Program

www.oaec.org/school-garden

OAEC offers a five-day residential summer training which covers an array of techniques focused on the instructional school garden, and its integration into multiple subject areas using experiential learning. The training includes organic gardening, permaculture, nutrition, garden design, team building, fundraising, art in the garden, and more.

Students and Teachers Restoring a Watershed

STRAW - Watershed Week www.prbo.org/cms/192

STRAW, a project of the PRBO Conservation Service, offers an annual three-day teacher training institute called "Watershed Week" before the school year starts. Teachers gather to study local ecology, learn hands-on methods of scientific inquiry, share ideas about integrating environmental fieldwork with classroom curricula, and prepare for creek restoration activities during the coming year. Program is sponsored by the Bay Institute.

CONSULTATION & SUPPORT

Center for Ecoliteracy www.ecoliteracy.org

The Center for Ecoliteracy supports and advances education for sustainable living. Best known for work in school food reform and integrating sustainability into K-12 curricula.

Community Alliance with Family Farmers

caff.org/programs/farm-2-school

CONSULTATION & SUPPORT (CONT.)

The Community Alliance with Family Farmers is building a movement of rural and urban people to foster family-scale agriculture that cares for the land, sustains local economies, and promotes social justice.

Conservation Corps North Bay

conservationcorpsnorthbay.org

Staff assist with environmental service clubs, recycling initiatives, and special education programs. They can also assist on campus with outdoor experiential learning activities.

Marin County Farm Bureau www.cfbf.com

The website lists extensive links to agricultural education organizations.

Master Gardener School Gardens Consultants

ucanr.org/sites/MarinMG/Community_Service_Projects/School_Gardens

Volunteer Master Gardeners provide information, advice, problem solving expertise, and resources for school personnel, students and volunteers involved with the school garden.

Novato Live Well Network www.novatolivewell.org

A network of local community gardens that enable people from diverse backgrounds to grow food and foster community in a sustainable manner. They work with and educate families, schools, and the community about the positive benefits of choosing sustainable ways of eating, gardening and living by supporting nutrition education, our local food-shed, school and community gardens, and sustainable living practices.

Regenerative Design Institute

www.regenerativedesign.org

Ongoing specialty workshops and community events are offered on nature awareness, biodiversity and sustainable ecology. Some class programs are available by special arrangement.



LITERATURE CONNECTIONS: BOOKS, MAPS & MEDIA

Children's Fiction

Abuela's Weave- O. Casteneda
Borreguita and the Coyote- V. Aardema
Calling the Doves/El Canto de Las Palomas- Juan Felipe Herrera
Click, Clack, Moo Cows that Type- Doreen Cronin
Everybody Bakes Bread- Narah Dooley
Farm Friends Clean Up- Cristina Garelli
Lotsa Llama- Dawn Jones
Interrupting Chicken- David Ezra Stein
Kiss the Cow! Phyllis Root
Pig Pigger Piggest Pigsty- Mark Teague
The Goat and the Rug- C. Blood and M. Link
The Market Mystery-Dairy Council of America
The Ugly Vegetables- Grace Lin
Tops and Bottoms- Janet Stevens
Two Cool Cows- Toby Speed
Weaving the Rainbow- G.E. Lyon

Children's Non-Fiction

14 Cows for America- Wilson Kimeli Naiyomah
A Chicken's Life Cycle- Ruth Thompson
A Cow's Alfalfa-Bet- Woody Jackson
A Day in the Life of a Farmer-Heather Adamson
A Drop of Water- Walter Wick
A Fruit is a Suitcase for Seeds- Jean Richards
A Handful of Dirt- Raymond Bial
A Seed is Sleepy- Diana Hutts Aston
Adivina que Esta Creciendo Adentro de Este Huevo- Mia Posada
Alphabet Book-Jane Miller
Blue Potatoes, Orange Tomatos- Rosalind Creasy
Chickens Aren't The Only Ones- Ruth Heller
Children on the Farm: A Postcard Book of Photographs- Pete Wettach-L. Loveless
Clarabelle:Making Milk and So Much More- Cris PetersonFarm
Corn is Maize- Alike
Cows and Their Calves- Margaret Hall
Dirt-Steve "The Dirtmeister" Tomecek
Eggs and Chicks- Usborne Beginners-Fiona Patchett
Farmyard Friends:Chickens- Camilla de la Bedoyere
Farmyard Friends:Sheep- Camilla de la Bedoyere
Gathering of the Sun: an Alphabet in Spanish and English- Alma Flor Ada

Growing Farm, School and Me!- Reiffon School, Reading Pennsylvania
Life on a Farm- Allan Fowler
Life on a Farm- Margie Burton
Life on a Pig Farm- J. Wolfman
Micro Monsters- Extreme Encounters with Invisible Armies- Bonnier Publishing
Plants: Mind-Boggling experiments You Can Turn Into Science Experiments- Janice VanCleave
Poems on Fruits and Odes to Veggies- Judith McLaughlin
Songs From the Loom: A Navajo Girl Learns to Weave- M. Roessel
Southern Farmers and Their Stories- M. Walker
The Colors of Freedom- J. Bode
The Milk Makers- Gail Gibbons
The Vegetables We Eat- Gail Gibbons
The Year at Maple Hill Farm- Alice and Martin Provensen
Up We Grow: A Year in the Life of a Small, Local Farm- Deborah Hodge
What Do Roots Do?- Kathleen V. Kudlinski

Adult Reading List Links

Ecoversity's Books of Note
www.ecoversity.org/notablebooks.html
RDI's Recommended Reading
regenerativedesign.org/bibliography
Saving the Earth's Books on Sustainable Agriculture
savingtheearth.net/sustainable-agriculture.html
Sustainable Agriculture Research & Education
www.sare.org/Learning-Center/Books

Maps & Posters

Marin County Agricultural History Banner
ucanr.org/sites/Grown_in_Marin/files/93388.pdf
Marin Farm & Ranch Maps
ucanr.edu/marinfarmandranch
Sonoma Marin Cheese Trail Map
ucanr.org/sites/Grown_in_Marin/files/93383.pdf

Historical Media

M.B. Boissevain, Marin's First Farm Advisor- Historical Photographs of Marin's Agrarian Roots: 1920-50
Hidden Bounty of Marin ucanr.edu/hiddenbounty
Hidden Bounty Classroom Guide
ucanr.edu/sites/Grown_in_Marin/files/95922.pdf