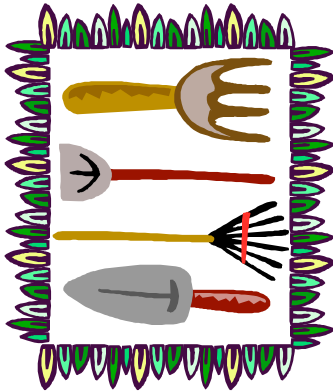


**The California Instructional School Garden Program
Resource Guide
for the Greater Los Angeles Region**



Compiled by the California School Garden Network Los Angeles (CSGN LA)

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INTRODUCTION

School gardening is full of wonder. It engages children because it allows them to experiment with seeds, soil and water. It promotes a student's curiosity because each day the garden evolves, each day there is something new to discover and ponder. This natural inquisitiveness sets a perfect stage for learning. In a fruit and vegetable garden, teachers can weave nutrition education with science, mathematics, language, art, social studies and even music. As the seeds grow, so do the children. School community members and families often become involved in the garden too, because tending the soil and nurturing plants crosses over language barriers and creates a common interest. The harvests provide ample opportunity for festivities that emphasize fresh fruits and vegetables and how to prepare them.

The **California Department of Education** has a Vision for a Garden in Every School:

“By encouraging and supporting a garden in every school, we create opportunities for our children to discover fresh food, make healthier food choices, and become better nourished. Gardens offer dynamic, beautiful settings in which to integrate every discipline, including science, math, reading, environmental studies, nutrition, and health. Such interdisciplinary approaches cultivate the talents and skills of all students while enriching the students’ capacities of observation and thinking. Young people can experience deeper understandings of natural systems and become better stewards of the Earth by designing, cultivating, and harvesting school gardens with their own hands. School garden projects nurture community spirit, common purpose, and cultural appreciation by building bridges among students, school staff, families, local businesses, and organizations.”

The **California School Garden Network** (CSGN) is a 501c(3) organization whose members represent a variety of state agencies, private companies, educational institutions, and nonprofit organizations all dedicated to the mission of creating and sustaining gardens in every willing school in California. CSGN serves as a central organization to distribute school garden resources and support throughout the state. The Network’s mission is to create and sustain California school gardens to enhance academic achievement, a healthy lifestyle, environmental stewardship, and community and social development. The CSGN Los Angeles Chapter is dedicated to supporting school gardens in the Los Angeles region. More information and updates on meetings can be found by looking at the regional chapters on www.csgn.org. You may also join the CSGN LA email listserve at gardenLASchools@yahogroups.com.

The *Network for a Healthy California* - LAUSD supports school gardening because we believe it is a powerful tool for creating lifelong change in children’s eating habits. We've seen children who balk at eating vegetables eat them with great relish when they grow and nurture them on their own. When they grow it, they eat it. Our *Network* school gardening coordinator, teacher advisors and nutrition specialists support gardening with workshops, educational materials and technical advice. In addition, strong community partnerships supply soil, seeds, plants, tools and needed materials.

For more information on nutrition education using school gardens in LAUSD, contact Tonya Mandl at (818) 609-2552 or tonya.mandl@lausd.net.

EXAMPLES OF GARDEN PROJECTS

The scope of a garden project can be as small or large as the team is able to create, use, and maintain. Small projects could be produced in the classroom. It is relatively easy to apply state curriculum standards to any project, it just takes planning.

Here are some examples:

Small: sprout seeds

Grow plants from seed in earth boxes

Grow plants in pots

Make and feed a worm bin

Buy seasonal fruits and vegetables, cut them in half and draw/paint

Propagate plants from clippings or slips

Recycle/Reuse/Rebuy

Journals/calendar making

Collect and store/label seeds

Large: Plan and plant in raised bed(s)

Plan and plant in ground

Plan and plant themed gardens (butterfly attracting, herb, fragrance, “pizza”, color, vegetable, water, drought tolerant, medicinal, wildflower, desert, medieval,

English cottage, cut flower, pumpkin patch, “three sisters”, corn field, salsa, etc.)

Plan and plant a harvest donation garden

Field trips to farms, schools, arboretums, nurseries, gardens

Weather stations

Some useful publications and website for garden project ideas:

Gardens for Learning FREE from www.csgn.org

Life Lab Science Program www.lifelab.org

Kidsgardening Growing Ideas Classroom Projects
www.kidsgardening.org/growingideas/projects/library.html

Kidsgardening Thematic Explorations www.kidsgardening.org/themes/theme-splash.asp

Books: Roots, Shoots, Buckets and Boots by Sharon Lovejoy

Gardening Wizardry for Kids by L. Patricia Kite

Children’s Gardens from UCCE, CG (order form included in resource guide)

Middle and High School: www.gardenmosaics.org

STARTING YOUR GARDEN PROJECT

These websites and programs offer great ideas and/or guides for starting projects. It is a good idea to look through these first and find the organization that best fits your communicative style or needs. There are dozens of other wonderful websites; these are offered as a start.

University of California Cooperative Extension, Common Ground Program

<http://celosangeles.ucdavis.edu/Common%5FGround%5FGarden%5FProgram/>

The program trains community volunteers and Master Gardeners, who in turn, volunteer their time to community and school gardens. Call to find a Master Gardener to help with your garden project.

Master Gardeners Hotline Call (323) 260-3238 to receive gardening tips and answer garden-related questions over the phone.

Gardens for Kids LA (GFKLA)

http://www.lacity.org/ead/EADWeb-WNR/gardens_for_kids.htm

A partnership of the Environmental Affairs Department, the Los Angeles Conservation Corps, are working with teachers, students designed to bring gardens to schools throughout the City, Los Angeles Unified School District, the University of California Cooperative Extension, Common Ground; and the California Integrated Waste Management Board. The website offers a general guide, photos, and a great beverage container recycling guide.

California School Garden Network (CSGN)

www.csgn.org

Highly useful website with links to programs, curricula, grants, etc. to help you get your garden program started, including a FREE publication, "Gardens for Learning," and information on the Los Angeles CSGN chapter current events.

National Gardening Association Gardening with Children

www.kidsgardening.org

National Gardening Association

www.garden.org

Programs and initiatives highlight the opportunities for plant-based education in schools, communities, and backyards across the country. NGA serves as a bridge to connect people to gardening in five core fields: plant-based education, health and wellness, environmental stewardship, community development, and responsible home gardening. The websites contains links to free e-newsletters, garden store, a teacher's room, contests, school garden registry, and more.

Get Growing

<http://www.fns.usda.gov/tn/Educators/Garden/index.html>

A five section guide includes suggestions for 1)working with parents, supporters, and community organizations, 2)starting a team nutrition garden, 3) hosting a team nutrition food fest, 4) promoting and publicizing your team nutrition event, 5) locating resources

Plant a Seed, Watch it Grow

<http://www.mastergardenerssandiego.org/plantaseed/index.html>

A comprehensive start to finish printable guide for school gardens. Lots of photographs illustrating text.

Professional Development/Training

In order to make your garden sustainable, it is important to involve as many teachers, parents and volunteers as possible. You can do this by taking advantage of the many professional development and training opportunities available to LAUSD schools.

Network for a Healthy California-LAUSD (www.healthylaused.net) 818-609-2550

Saturday in the Nutrition Garden Sign up to participate in a variety of free garden-based nutrition education workshops and receive useful resources for your classroom and school garden. Workshops for 2007-2008 take place at the Valley office demonstration Garden on January 26th, March 15th, and May 3rd. Salary point credit of training rate pay is available. Teachers may attend all workshop sessions. See Saturday in the Nutrition Garden registration form.

Staff Professional Development Contact our school garden coordinator if you'd like to have a garden-based nutrition education professional development workshop for your certificated staff at your school site, or to schedule an advisory meeting.

California School Garden Network Los Angeles (www.csgn.org/new/page.php?id+74) Join the Los Angeles chapter of the California School Garden Network (www.csgn.org) dedicated to supporting school gardens throughout the Los Angeles region. Participate in bi-monthly meetings at local school and horticulture sites, and join the listserve by emailing gardenLASchools@yahoogroups.com. In partnership with the Network, UCCE Common Ground, WGA and CSGN.

Creating and Sustaining Your School Garden workshops

Contact Tonya Mandl at tonya.mandl@lausd.net. Complete attached registration form by Nov. 17th workshop (middle and high schools). Trainings for elementary, middle and high school teachers and volunteers on creating and sustaining a school garden program at your school. Provided by CSGN LA with materials from Life Lab, UC Davis Children's Garden, and CSGN.

LAUSD School Garden Program Specialists

Contact Tonya Mandl at tonya.mandl@lausd.net.

All LAUSD schools participating in the California Instructional School Garden Program are entitled to request assistance from an LAUSD School Garden Program Specialist or Teacher Advisor. Complete the attached form or send the request via email (above) to have a school garden specialist or teacher advisor answer your garden program questions, or come to your site and assist with your garden project, or provide a professional development workshop to your staff or parent center on school gardening.

Download form from CSGN LA webpage.

Professional Development/Training (cont)

Life Lab Science Program www.lifelab.org/professional.html

(831) 459-2001

Nationally acknowledged as a leader in the development and dissemination of science and garden-centered educational programs. Life Lab offers a range of professional development opportunities for pre- and in-service teachers, garden educators and volunteers. Life Lab provides training across the nation or at their Garden Classroom Training Center located at the University of California Santa Cruz.

Common Ground Urban Garden Program www.celosangeles.ucdavis.edu/garden

University of California Los Angeles County Cooperative Extension Service

Yvonne Savio ydsavio@ucdavis.edu (323) 260-3407

Master Gardener volunteers help school teachers, parents, and aides develop and maintain school gardens. Applications for annual Master Gardener Volunteer Training Program for Los Angeles County residents are available December 1-January 15; the classes are on every Saturday during March-May. Los Angeles Master Gardener Hotline (323) 260-3238 or email at mglosangeleshelpline@ucdavis.edu.

The Huntington Library, Art Collections, and Botanical Gardens www.huntington.org

Michael Kerkman mkerkman@huntington.org (626) 405-3586

Teacher professional development classes are held year-round, some with an associated stipend. Lesson plans for teachers are online. The Huntington's "Reading Plants", "Discovering Plants", and "Seeds & Sprouts" school tour are available for K-6th grades.

Descanso Gardens www.descanso.org

DISCOVERY TREES PROGRAM <http://www.descansogardens.org/site/discoveringtrees.cfm>

Discovering Trees is a yearlong study of seasonal changes in the garden along with the use of Descanso Gardens Adventure Journals designed to assist teachers to connect the garden with scientific investigation and inquiry.

DESCANSO HARVEST GARDEN www.descansogardens.org/site/harvestgarden.cfm

A special project with LAUSD Transition services providing professional development to teachers and working directly with special education students to plant and harvest their own gardens at the Descanso Garden Harvest Garden and on their school campuses.

Network for a Healthy California – LAUSD www.healthyla.usd.org

Tonya Mandl tmandl@lausd.k12.ca.us (818) 345-4712 The Los Angeles Unified School District. The program conducts on-site professional development workshops on Nutrition and Garden-based Nutrition for entire school staff of eligible schools, and district-wide professional development workshops at the Nutrition Network main offices.

Tree People www.treepeople.org

(818) 753-4600

Treepeople is a nonprofit organization that has been serving the Los Angeles area for over three decades. They help nature heal cities by: training and supporting communities to plant and care for trees; educating school children and adults about the environment; and working with agencies on water issues.

EDUCATION/CLASS CURRICULUM

Remember that school gardens are tools for instruction, and can be integrated into a variety of standards-based subjects. Use the following resources for great lessons and ideas.

The California School Garden Network www.csgn.org

The Network serves as a central organization to distribute school garden resources and support throughout the state. Teachers may order or download “Gardens for Learning,” a 96 page comprehensive guidebook that provides a strong foundation to support the growing school garden movement, for FREE. It was developed by a team of experienced garden educators, nutritionists, state officials, and other garden experts. This guidebook is a must-have resource for anyone looking to enhance learning through the use of gardens in schools and other community settings.

CSGN developed curriculum can be found at www.csgn.org/curriculum.php.

The California Foundation for Agriculture in the Classroom www.cfaitc.org

The California Foundation for Agriculture in the Classroom works with K–12 teachers and students to enhance education using agricultural examples. There are numerous resources in this website including printable garden guides (“food, fiber, flowers”), agricultural links, state ag literacy guidelines, a printable ag newspaper “What’s Growin’ On,” and much more.

Go directly to the following link for lesson plans: <http://www.cfaitc.org/LessonPlans/LessonPlans.php>.

All materials are available as download PDFs, or you can request a cd which contains CFAITC's lesson plans and fact sheets. Available while supplies last for California educators. Some examples:
Science Fair and Lesson Ideas

Simple and Complex Machines Used in Agriculture

A Sour Subject: students reinforce their skills of reading, observation, mathematical computation, and written expression by comparing a grapefruit to a lemon.

That was Then, This is Now: students will learn about food prices, and how they have changed over time, as they perform mathematical computations, analyze date charts, and compare and contrast statistical information.

What's Bugging You?

Where'd You Get Those Genes?

The Network for a Healthy California www.healthylaasd.net

Formerly the LAUSD Nutrition Network, the *Network* offers nutrition education support for LAUSD schools. The Network encourages schools to use gardens to explore ways to educate students in nutrition.

California Department of Education (CDE) Publications for A Garden in Every School

www.cde.ca.gov/ls/nu/he/garden.asp

A Child’s Garden of Standards FREE www.cde.ca.gov/re/pn/fd/documents/childsgarden.pdf

Nutrition to Grow On

Kids Cook Farm Fresh Food

Also available from CDE’s website is information on “Safety in the Garden,” and a School Garden Program overview.

EDUCATION/CLASS CURRICULUM(continued)

Growing Great

www.growinggreat.org

Growing Great is a nonprofit nutrition education organization dedicated to inspiring children and adults to adopt healthy eating habits. Founded by concerned parents and professionals in 1999, Growing Great currently reaches over 7,000 children and adults a year with its collaborative education programs in schools, at home and in the communities of Manhattan Beach, Redondo Beach, and Ojai, California.

Life Lab Science Program

www.lifelab.org

Program out of UC Santa Cruz supports science and garden-based education through publications, professional development, and innovative programs. Standards-based science curriculum for elementary grades.

Children's Gardens

celosangeles.ucdavis.edu

Publication of the University of California Cooperative Extension, Common Ground Garden program. Everything you need to grow a garden with children, even if you've never gardened before. Includes lessons for children ages 3-10.

Science experiments: pages 105-114, 131-144, 157-158. These pages include science activities that engage students in observing physical and biological processes, conducting investigations, documenting results, and conclusions. Also includes a detailed bibliography with references to many good books and guides for gardening with children.

Garden Mosaics

www.gardenmosaics.org

Program of Cornell University integrating gardening, science and social studies for middle and high school aged students. Free downloadable science in the garden pages.

Earthbox

www.earthbox.com

Lessons and curriculum can be purchased along with earthbox as a package. All grade levels. Connected to the National Science standards. Includes Nutrition education.

CANGC (California Assoc. of Nurseries and Garden Centers) horticulture curriculum

<http://www.cangc.org/educationAndCareer/curriculum.asp>

Curriculum lessons can be purchased for all grade levels.

Acorn Naturalists

www.acornnaturalists.com

Acorn Naturalists specializes in the development and distribution of science and environmental education resources. The directors of Acorn Naturalists, credentialed teachers with advanced degrees, carefully review each resource. All materials are for purchase.

Farmology

<http://www.farmology.com>

Offers a traveling exhibit on farming topics

Growing Good Kids Book List

best 40 books of the last 100 years that deal with gardening. Books are for purchase.

VOLUNTEERS/MANPOWER

In many cases, you might need or desire some extra help with all or portions of your garden project. The following are examples of places you can search for help.

Los Angeles Conservation Corps www.lacorps.org

Teague Weybright tweybright@lacorps.org, (323) 526-1460

Working with the Environmental Affairs Department of the City of LA, the LACC helps to source materials for school garden construction and install school gardens.

AmeriCorps <http://www.americorps.org/>

AmeriCorps is a network of local, state, and national service programs that connects more than 70,000 Americans each year in intensive service to meet our country's critical needs in education, public safety, health, and the environment.

California Conservation Corps <http://www.ccc.ca.gov/>

The California Conservation Corps is a workforce development program that offers young men and women the chance to serve their state and become employable citizens through life skills training and hard work in environmental conservation, fire protection, and emergency response. Call to have a Clean and Green crew help with your garden event.

Prime Time Volunteers- http://lausd.volunteermatch.org/results/org_detail.jsp?orgid=64849

Prime Time seeks to register highly-qualified retiree volunteers as Prime Time members and match them with specific volunteer opportunities that will make the most of their unique experiences, skills, and interests.

After school programs

<http://www.farmingsfuture.org>

<http://www.lasbest.org/>

Your school might have an existing program that is willing to integrate a garden session in its program to extend further interest and help for your project. You could encourage your school to start an after school "green program". The organizations listed here are independently funded, so the school doesn't have to pay for it!

Maintenance & Operations Facilities Services Division (Gardening & Trees) 213-763-2965

Provides landscape maintenance on all school facilities. Can assist with plot clearing, tree trimming, and occasionally roto-tilling. Can also provide free mulch from tree trimmings. FREE.

Boy Scouts/Girl Scouts, youth organizations, church groups, neighborhood councils, service clubs (Rotary, Kiwanis, Optimists, Lion's clubs) and parents of your students are also great local sources of extra help.

Gardening Supplies

Several companies have agreed to offer discounts to AB1535 schools:

Orchard Supply Hardware

www.osh.com

OSH is offering a 15% discount to all schools participating in the California Instructional School Garden Program.

Lowe's of Burbank

www.lowes.com

Lowe's of Burbank has extended a "wide-open door" to our AB1535 funded LAUSD gardens this year, offering significant discounts on garden supplies.

Bulk Discount ordering from LAUSD

[Download Order Form](#)

Contact Tonya Mandl at tonya.mandl@lausd.net

Material Management Branch of LAUSD has agreed to work with our Instructional School Garden program to assist in the purchasing of garden tools and supplies at lower rates than you'll find anywhere. Convenient distribution location will be arranged. Complete the attached bulk order form to participate.

University of California Cooperative Extension, Common Ground Garden Program

Free vegetable, herb and flower seeds year-round can be picked up from the UCCE office at 4800 E. Cesar E. Chavez Avenue, Los Angeles, CA 90022. Phone: (323) 260-2267.

Seeds of Change

www.seedsofchange.com

Offers a wide range of organic and heirloom seeds. SEED DONATION PROGRAM will ship from 500 to 1000 after-market seed packets to your school for just a shipping cost.

California School Garden Network – Botanical Interest

www.csgn.org/pdf/Biseedorder.pdf

50% off seeds

America the Beautiful Fund

www.freeseeds.us/

Supplies community gardens, neighborhood coalitions and other organizations with free vegetable, flower and herb seeds, flower bulbs and books like "green Earth Guide" and "Gardening for Optimal Nutrition" for educational, hunger relief and beautification projects.

Nichols Garden Nursery

www.nicholsgardennursery.com

1-800-422-3985

"Global Gardening Collection" is a collection of information sheets for children and the adults who garden with them. The usual cost for this collection is \$13.95. Any teacher who calls the 1-800 number requesting this series will receive it for FREE, along with any seeds they are willing to donate at that time. Also willing to give a substantial discount to any teacher/school purchasing from their catalog.

Vegetable Seedling Distribution

Contact Tonya Mandl at tonya.mandl@lausd.net

With support from Altman Plants, North Hollywood High School and other donors, the vegetable seedling distributions will take place on October 6th, 2007 and March 15th, 2008. Pick-up locations on March 15th will be at both the valley and east LA *Network* offices. no pre-registration necessary. First come-first serve. Email notifications will go out to all AB1535 schools.

Soils, Compost and Fertilizer

Gardens need good soil in order to flourish. Make sure you have amended your soil with compost before planting. Here are some useful resources for soil and compost.

Seed, Soil and Sod Depot **818-686-6445**

Purchase good quality planting soil at a reasonable price. The company has agreed to provide FREE delivery to all LAUSD schools.

Department of Public Works Bureau of Sanitation (<http://lacity.org/san/>) **818-834-5128**

James Kurtz

Numerous resources for compost and mulch (small quantities can be picked up at regional facilities, large quantities over 15 cubic yards can be delivered). Opportunities for field trips, composting workshops and purchasing low-cost bins. Best way to access information is via their website. FREE

CA Integrated Waste Management (www.ciwmb.ca.gov/organics/SupplierList/default.asp)

This site will locate compost and mulch sources by county. Also provides list of events and publications relating to all kinds of composting.

City of Los Angeles

Steven Isoda – steven.isoda@lacity.org

is in charge of Backyard Composting – Steven would be happy to visit any school to talk about the composting program.

Rancho Los Virgenes Composting Facility **www.lvmwd.com**

Rancho Los Virgenes Rd Calabasas, Ca 91302

Main Tel # 818-251-2100

FREE Saturdays ONLY 8am-1pm Contact Jessica.

Bring your own spade, bag/bucket or truck.

Griffith Park Compost Facility

5400 Griffith Park Dr Los Angeles, Ca 90027

Phone: 323-913-4166

Classes are given the 4th Saturday of each month by master composters. Call the facility for time and dates available. Offered for City of Los Angeles residents (with valid ID) only. Call and leave a message on their answering machine, they will return your call in a few days. They will consider donation on a case-by-case basis and do need to know how much you require.

Other programs offered:

Composting

Grass cycling

Water wise Gardens

Worm composting

Visit- www.smartgardening.com for a list of composting demonstration sites to visit, classes and lots of other info.

VERMICULTURE

Worm farming is a great way to introduce the recycling of common, everyday food waste. Most children find it fascinating and it is a very inexpensive way to make compost for plants.

Vermicoast www.vermicoast.com

1387 Basswood Ave Carlsbad, Ca 92008-1904
760-434-4223 Order book (Compost with Earth Worms) and supplies.

Biocontrol Network www.biocontrolnetwork.com

Bio-rational alternatives for an ever shrinking planet.
1-800-441-BUGS

Vermiculture Academy aliced@farmingsfuture.org

Mama Hill's Help/Farming's Future Serving both South Central LA and the Valley
818-489-9605

LA Department of Public Works www.smartgardening.com

Environmental programs division
Information about worm composting, backyard composting, and water-wise gardening.
900 S. Fremont Ave, 3rd Floor Annex Alhambra, Ca 91803-1331
Call toll free at 1-888-CLEAN

Chris Jung majjj@aol.com

Glendale, Ca 91202
818-472-2593 fax: 818-899-2541

Golden Wiggle Worms goldenwiggleworms@socal.rr.com

18746 Lassen Northridge, Ca 91324-1964
Steve Gottlieb 818-993-6613

Peach Hill Soils phsoils@aol.com

10766 New Los Angeles Ave Moorpark, Ca 93022
805-529-6164 fax: 805-386-2632

Oasis Worm Farm

8255 East Avenue T Littlerock, Ca 93544
805-944-6199 fax: 805-944-6198

VermiPRO www.vermipro.com

Alan Piercy email: alanp@vermipro.com
714-647-1275

P.O. Box 3021 Huntington Beach, Ca 92605-3021

Grant/Fundraising Opportunities

Don't let lack of funds or equipment hold back your garden program! There are so many opportunities out there for schools to receive funding and materials for their school gardens. Often, it just involves completing a simple on-line form.

Go-to Websites for Current Grant listings and information:

California School Garden Network (CSGN) www.csgn.org

CSGN maintains an up-to-date page with links to current school garden grants and funding sources.

National Gardening Association Kid's Gardening www.kidsgardening.com

The NGA Kid's Gardening website also maintains a webpage with current links to school garden grants and funding sources, including:

Healthy Sprouts Award

Deadline October 15, 2007

To be eligible for the 2007 Healthy Sprouts Awards, your school or organization must plan to garden in 2008 with at least 15 children between the ages of 3 and 18. This year we will present awards to 20 schools or organizations. The top 5 will each receive a certificate valued at \$500; 15 more will each receive a \$200 gift certificate to Gardener's Supply Company. All winners will receive NGA's Eat a Rainbow Kit, which includes taste education and nutrition lessons, 25 packets of seeds, a literature package from NGA, and NGA Supporter benefits for one year.

The Organic School Garden Awards

Deadline October 31, 2007

The Rodale Institute offers an award for a school or classroom garden that educates students about organic and regenerative techniques. Students K-12 are encouraged to write an essay and put together a poster that highlights the use and benefits of the organic garden. 1st place receives \$1000, 2nd: \$500, and 3rd: \$250.

NGA awards Youth Garden Grants

Deadline November 1, 2007.

Schools and community organizations with child-centered garden programs.

Download an application <http://kids.garden.org/grantInquiry> . Early Bird Incentive - If your application is postmarked by October 1, 2007, you will be entered in a drawing for a \$100 gift certificate to NGA's Gardening with Kids Store.

2008 Mantis Award Program

Deadline March 1, 2008

Apply to win one of 25 Mantis tiller/cultivators for your garden program.

Download and save the application (Microsoft Word document) to your computer and complete the application. Scan one or two photograph(s) of your garden space and a diagram of your garden's dimensions and layout. Attach the application and the scanned images to an E-mail (address is provided on application)

Other Grant Opportunities:

City of Los Angeles Community Beautification Grants

www.laocb.org

Offers matching fund grants of up to \$10,000 to school garden projects every year! Grant application deadline is in October. Go to the website for more details.

2008 Love Your Veggies™ Nationwide School Lunch Campaign

Deadline November 30, 2007

Go to: <http://www.loveyourveggiesgrants.com>

Hidden Valley 2008 Love Your Veggies™ Nationwide School Lunch Campaign,

Awards \$10,000 grants to 51 elementary schools nationwide to support programs that increase student access to fresh vegetables and fruits during school meals. Each grant award will support an elementary school in developing a program offering fresh vegetables and fruits beginning in March 2008 and lasting through the 2008-2009 school year.

A Garden In Every School

Deadline January 15

California Fertilizer Foundation.

24 grants for \$1,200 each to schools throughout California (12 awarded twice a year). At the end of each year, winning schools can re-apply for a progress grant of \$1,500 and a free agricultural field trip. Through the garden program, CFF provides direct funding to California schools for garden projects. The gardens provide an opportunity for students, teachers and parents to truly "grow" together. For more information, please contact **Pam Emery** at (916) 574-9744.

Outdoor Classroom Grant Program

Lowe's Charitable and Educational Foundation.

Provides outdoor, hands-on science education to students in grades K-12 and assists schools in enhancing their core curriculum in all subjects.

Grants up to \$2,000 to at least 100 schools. In some cases, grants for up to \$20,000 may be awarded to schools or school districts with major outdoor classroom projects. The grants can be used to build a new outdoor classroom or to enhance a current outdoor classroom at the school. This program only considers outdoor classroom proposals

Go to www.lowes.com/community.

The Garden Crusader Awards

The Garden Crusader Awards were created by Gardener's Supply in 2001 to honor individuals who are improving the world through gardening. These enthusiastic men and women are planting trees and flowers, growing food, creating new green spaces, and teaching their friends and neighbors about the rewards of gardening.

For more information:

E-mail: crusader@gardeners.com **Phone:** 1-888-239-1553

Vegetable Planting Calendar

	germination temp in F	germination time in days	Days to harvest	good Source of
Artichokes	70	7-14	60-90	Vitamin C, Fiber
Asparagus	65	7-21	30-60	Vitamin B, Fiber
Beans	65	5-8	60-80	Vitamin C, Fiber
Beets	50	6-12	50-75	Greens high in Vitamin A, C, Iron, Calcium
Broccoli	45	4-10	60-75	Vitamin A, C, Folate, Calcium, Magnesium, Fiber
Brussels Sprouts	45	4-10	90	Vitamin C, Fiber
Cabbage	45	4-7	60	Vitamin C, Fiber
Cantaloupe	70	5-10	60-90	Vitamin A, C, Thiamine, Potassium
Carrots	45	3-10	60-80	Vitamin A, Fiber
Cauliflower	45	4-40	60	Vitamin C, Folate, Potassium
Celery	60	10-20	75-100	Fiber
Corn	65	4-7	50-95	Thiamine, Folate, Potassium
Cucumbers	65	4-7	60-80	Potassium, vitamin C
Eggplant	75	5-7	60	Potassium, phytochemicals
Garlic	bulb	Bulb	160-200	Vitamin A, C, Folate
Kale	45	5-20	50-70	Potassium, Vitamin C, Folate
Lettuce	40	5-10	45-60	Vitamin A, K, Calcium
Onions	50	6-12	60-85	Vitamin C
Parsnip	50	14-12	90-120	Potassium, Fiber
Peas	40	7-21	55-75	Protein, Vitamin B1
Peppers	80	7-14	70	Vitamin C
Potatoes	60	Tuber	70	Vitamin C, B6, Niacin, Copper, Potassium, Fiber
Pumpkins	60	4-7	90	Vitamin A
Radishes	45	5-10	25-40	Potassium
Rhubarb	55	4-10	1-3 years	Potassium
Spinach	45	7-21	40-60	Vitamin A, C, K, Iron
Sweet Potatoes	60	Tuber	70	Vitamin A, Potassium
Squash	60	4-7	60-85	Vitamin A, C, Fiber
Tomatoes	75	5-10	65-85	Vitamin A, C, Potassium, Fiber
Turnip	60	3-14	28-60	Potassium, Vitamin C
Watermelon	70	5-10	70-90	Vitamin A, B6, C, Thiamine

Web links for other planting guides:

CSGN planting guide <http://www.csgn.org/pfd/CSGNplanting.pdf>

Victory Seeds <http://www.victoryseeds.com/information/plantingguide.html>

Master Gardeners San Diego <http://digitalseed.com/gardener/schedule/vegetable.html>