

GARDEN PROGRAMS



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A GARDEN IN EVERY SCHOOL



Promotes education in nutrition, health, science, math, reading, history and environmental studies.



Helps students understand the natural systems.



School gardens bring students, staff, families, local businesses, and communities together.

PATHWAYS



A Outdoor Learning Environments



B Community Schoolyard



C Agriculture Education – Greenhouses, Aeroponics & Hydroponics



D Farm to School

OUTDOOR LEARNING ENVIRONMENT

Types of Outdoor Learning Environments

Reading Gardens

- Extension of Library

Learning Gardens

- Edible Garden
- Ecosystem /Native Garden



Ascot ES Reading Garden



Shenandoah ES Reading Garden

Kenter Canyon ES - Demonstration Garden and Edible Garden



Elizabeth Learning Center - Habitat Garden



Partnering for a Greener Los Angeles Unified

Partially
funded by
Measure RR -
\$7 billion
School
Upgrades
and Safety
Measure
Nov 2020

Added
Partnerships

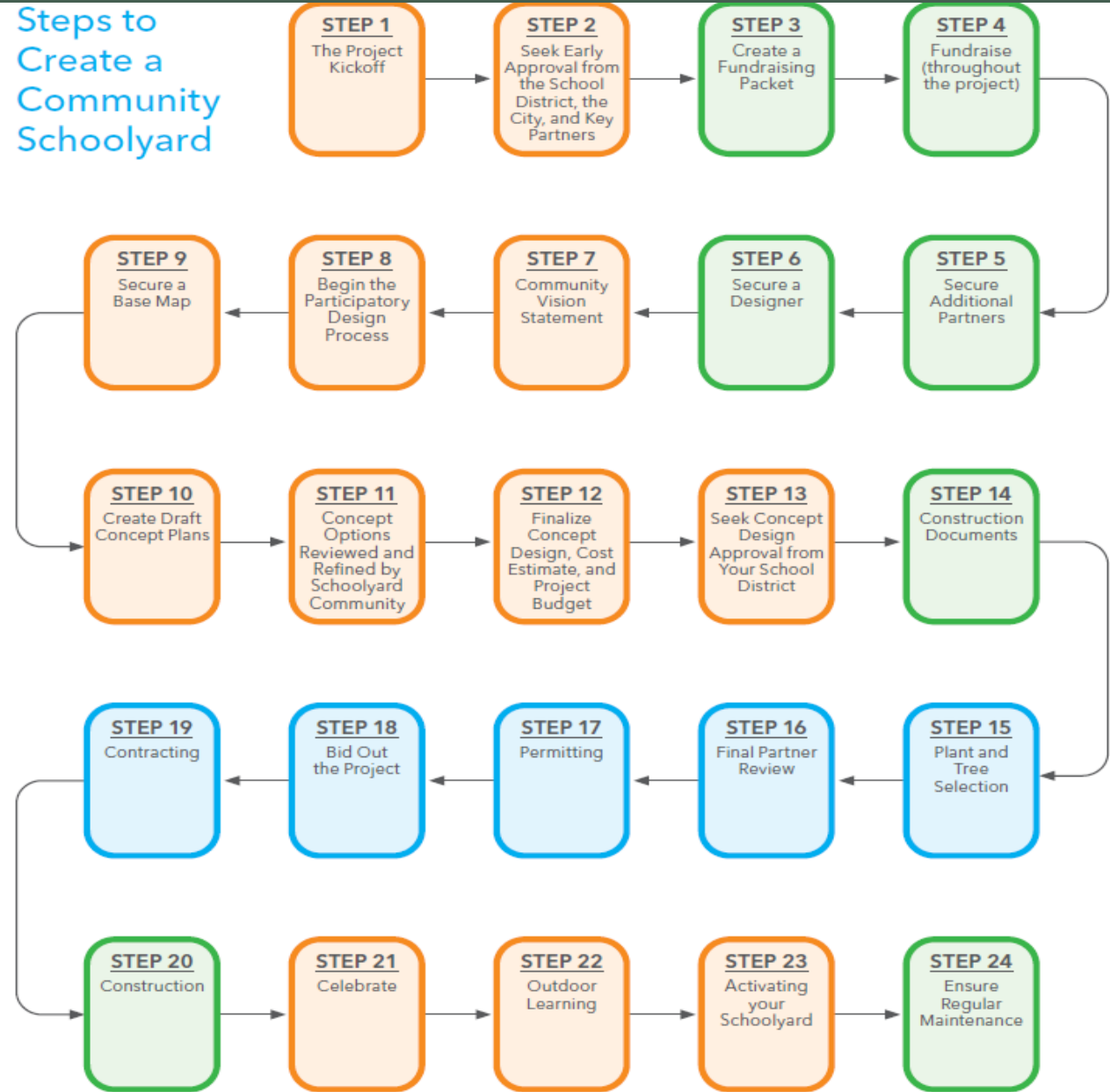


Project lead by 501(c)(3) organizations with support from District, Site and Community

Los Angeles Living Schoolyards Coalition includes Cal Poly Pomona, Council for Watershed Health, Heal the Bay, Los Angeles Beautification Team, Los Angeles Neighborhood Land Trust (People for Parks), Kounkuey Design Initiative, Natural Resources Defense Council, North East Trees, Occidental College, and The Trust for Public Land.

LORETO STREET ELEMENTARY
CAMINO NUEVO CHARTER
ACADEMY

Steps to Create a Community Schoolyard



AGRICULTURAL EDUCATION GREENHOUSES – AEROPONICS, HYDROPONICS

Integrated into Agriculture and Environmental Sciences programs, STEM Education

2 Major Programs

- **Carl D. Perkins Vocational and Technical Education Act** of 1998 (20 U.S.C. 2301 et seq., as amended by Public Law 105-332), and
- **Agricultural Education Vocational Incentive Grant Program** (California Senate Bill 813 [1983] and California Education Code, Article 7.5. Agricultural Career Technical Education Incentive Program (sections 52460-52462).



Decision will need Research and Investment in setting up the Agriculture Education Program



Woodland High School in Woodland, CA



Westside Elementary School Warner Robins, Georgia – Tower Gardens

HLPUSD is going to pilot this at Adult Education and a few schools



FARM TO SCHOOL

Sponsored by USDA; Farm to School Program helps child nutrition program operators incorporate local foods in the National School Lunch Program, the Summer Food Service Program and Child and Adult Care Food Program

Competitive Grant - Partnership, not a significant \$ amount and restrictive

Grow2Zero FARMS - \$ 50,000 Long Beach– Agricultural Education

- Grow2Zero FARMS will work with Long Beach Unified School District (LBUSD) and local farm educators to develop extracurricular school farm curriculum
- Project will directly serve middle and high school students in the LBUSD
- Five identified high-need schools with an average 84 percent minority population and an average 65 percent of students qualifying for free or reduced priced school meals

Pros

- Many grants and opportunities for no cost supplies for school garden
- Allowable supply costs include seeds, fertilizer, water cans, and rakes through SFA
- If certain requirements are met, food grown can be:
 - Donated to the nutrition service department
 - Can enter into an intergovernmental agreement to purchase products from the garden

Cons

- Budget to maintain garden
- Responsibility of garden
- Compliance of garden
- Gardens become abandoned
- Space and location availability
- CDE Curriculum only for Elementary students

School Sites	Status
Valley High School	Active (Est: 2021-22. Maintained by Staff & Students)
California Elementary	Inactive
Cedarlane	Active Intermittently (Est: 2015/16. Maintained by Staff and Students)
Del Valle	Inactive
Grandview	Active (maintained by Staff & Students)
Kwis	Inactive (Est: parent Volunteer)
Los Altos Elementary	Active Intermittently (Est: Pre 2012. Maintained by Students)
Los Molinos Elementary	Active (Est: 2006. Maintained by Staff & Students & Parents)
Newton, Valinda & Workman Elementary	Plan to establish this year

HLPUSD Sites started gardens but few sites are maintaining them

- Need Directions on the Pathways
- Research on implementation – Districtwide / Selected Sites?
- Integration with LCAP
- Plan on Implementation

Next Steps?



THANK YOU

QUESTIONS?