Living Schoolyards

An overview collaboration of Living Classroom and Canopy

- About Living Schoolyards
- Benefits to Students
- Why Living Schoolyards Matter
- Building Successful Living Schoolyards



Credit: Green Schoolyards America, Children and Nature Network, Bay Tree Design, Inc.

About Living Schoolyards

Living school grounds are richly layered outdoor environments.

They can include:

- Native and pollinator gardens
- Edible gardens
- Trees
- Outdoor classrooms
- Nature play areas
- Traditional play equipment
- Stormwater capture
- Trails





About Living Schoolyards

Characteristics include:

- Ample space to plant, to nurture, and to harvest fresh, organic vegetables, fruits and grains from their school edible garden.
- Edible gardens that allow students to learn where food comes from, possibly creating healthier eating habits, <u>and</u> sharing the *excitement* about fresh vegetables and fruit with their families.
- Support mental and physical health.





Benefits of Living Schoolyards

Living Schoolyards provide site-based, hands-on nature-centric learning resources for children.

They are:

- Child-centered
- Foster empathy, exploration, adventure and a wide range of play and social opportunities
- Enhance health and well-being
- Strengthen local ecological systems





GREEN SCHOOLYARDS CAN PROVIDE MENTAL HEALTH BENEFITS

THE ISSUE

1 in 5 children has, or has had, a serious mental health disorder at some point in their lives.

MENTAL HEALTH PLAYS A CRITICAL ROLE IN THE COGNITIVE, EMOTIONAL, & SOCIAL DEVELOPMENT OF CHILDREN AND YOUTH.

Green schoolyards can enhance mental health and well-being and promote social-emotional skill development.



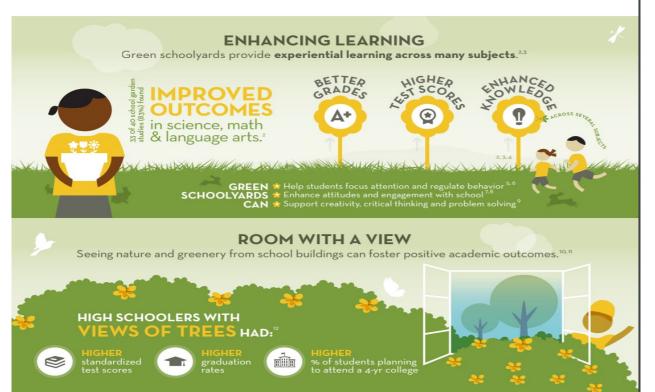


GREEN SCHOOLYARDS CAN IMPROVE ACADEMIC OUTCOMES



SCHOOLS ACROSS THE NATION ARE SEEKING WAYS TO IMPROVE ACADEMIC OUTCOMES FOR ALL STUDENTS

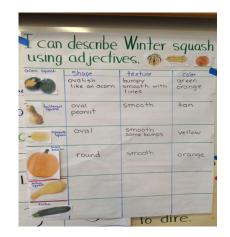
Green schoolyards promote academic achievement through hands-on, experiential learning and by enhancing the cognitive and emotional processes important for learning.



Benefits of Living Schoolyards

- Learning is tactile, sensory and based on observation;
- Learning is relevant to students' lives;
- Learning incorporates art, language arts, math and social studies.

Learning happens <u>outside</u> the classroom walls <u>as well as inside</u>.







Why Living Schoolyards Matter

- Students can observe and interact with *living systems* regularly and in their own schoolyard. No field trips required!
- Ecological *living* schoolyards provide a vehicle for meeting spaces outside.
- Traditional classroom lessons in every subject are enriched and enhanced with hands-on learning resources.



Why Living Schoolyards Matter

Ecological = *living* schoolyards. Living schoolyards also seek to encourage local wildlife populations by using **native plants**, sometimes creating entire wildlife habitat zones onsite.

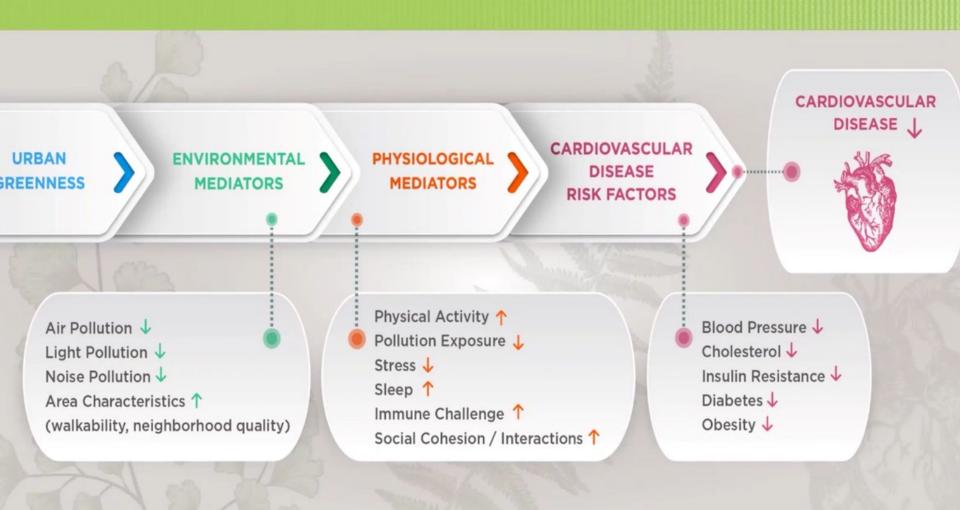
Living Schoolyards enable the experience of growing and preparing your own food - and that experience is not forgotten!











Process Map for Building Successful Living Schoolyard Programs



Best Practices for Building Living Schoolyards

- Community outreach, visioning, goal setting, comprehensive planning for the whole district.
- Equitable resource allocation across schools.
- Consult experts in the community: green schoolyard designers, arborists, environmental literacy educators, environmental nonprofits, community leaders.
- Process and result are both important.



Best Practices for Trees

- Choose the right tree for the right place.
- Plant trees in healthy conditions to promote growth.
- Ensure 5 years of healthy conditions for establishment.
- Engage the community.
- Enjoy the trees for decades!



In Summary, Living Schoolyards:

- Improve students' <u>educational</u> <u>outcomes</u>.
- Enhance student's physical, mental, and social-emotional health.
- Provide equitable educational environments and opportunities.
- Support District's LCAP goals.
- Benefit ecosystem and mitigate climate change.



