



# **Green Schoolyards for All Plan**

**April 2024**

**Los Angeles Unified School District  
Facilities Services Division**





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## 1. EXECUTIVE SUMMARY

The Los Angeles Unified School District (LAUSD) is embarking on a comprehensive initiative to transform its schoolyards into green and sustainable spaces. This initiative, guided by the Green Schools for All Resolution adopted by the Board of Education in September 2022, aims to ensure that at least 30 percent of the existing hard-surface schoolyard space across all District schools is converted into safe and sustainable green space by 2035.

Green schoolyards incorporate natural elements, offering students access to nature, shade, and play areas while promoting collaboration and learning. Community engagement has been an important aspect of developing this plan, with input from families, stakeholders, partners, and industry experts shaping priorities and recommendations.

The Green Schoolyards for All Plan outlines a strategic approach to achieve this ambitious goal. The schoolyard, greening elements, and shading are defined to quantify the need and identify potential solutions. Approximately 475 school sites may require upgrades to achieve the 30 percent greening target. This plan utilizes a multi-tiered approach, leveraging various funding sources, partnerships, and project types to maximize impact and feasibility. To fully realize the goals set forth in the Resolution, an estimated investment of up to \$3 billion may be required.

Core principles guide project scoping, emphasizing outdoor learning environments, physical activity spaces, safety, and accessibility. Challenges like limited space and regulatory requirements are addressed through innovative design strategies and infrastructure improvements.

The Green Schoolyards Index has been developed to prioritize schools based on their need for green/natural spaces. Category 1 includes elementary schools with less than 10 percent green/natural space, while Category 2 encompasses elementary schools with 11 percent or greater green/natural space. Category 3 focuses on secondary schools and will be prioritized based on updated data and stakeholder input.

Various project types are underway to enhance schoolyards. Partnerships, grants, the Expanded Learning Opportunities Program (ELOP), Certificates of Participation (COPs), and bond-funded projects are being utilized to support greening efforts.

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The District employs metrics and software tools to track campus facilities and monitor progress towards green schoolyard goals. Once a project design is complete the exact percentage of the schoolyard that will be enhanced with greening/shade can be determined. The Computer Aided Facilities Management (CAFM) system is updated after project completion to ensure accuracy with the completed project.

Maintaining green schoolyards requires significant investment in resources for upkeep, repair, and replacement. Estimates suggest an annual budget of \$12 to \$15 million may be required to sustain these enhancements. The District prioritizes efficient maintenance practices and explores funding opportunities to ensure long-term sustainability.

Advocacy efforts include supporting legislative initiatives and seeking funding opportunities to advance greening projects at the state level.

In summary, the Green Schoolyards for All Plan represents a significant commitment by LAUSD to provide students with access to green, sustainable, and healthy learning environments. By leveraging diverse funding sources, and implementing a variety of project types, the District aims to, over time, enhance student experiences, improve learning outcomes, and promote environmental stewardship for future generations.





## 2. INTRODUCTION

The Los Angeles Unified School District (District) is dedicated to enhancing the student experience by developing green schoolyards on campuses across the District. A green schoolyard incorporates natural elements and sustainable design, providing students access to nature, shade and cool areas on campus while also creating areas for play, collaboration, and learning. Students with access to green spaces may have improved attendance rates, enhanced learning outcomes, and better health and well-being.

The Board of Education (Board) reinforced its commitment to greening schoolyards with the adoption of the *Green Schools for All* Resolution in September 2022 (Appendix 1). With this Resolution, the Board adopted a recommendation for 30 percent green/natural space on campuses as the minimum standard for all District schools and directed the development of a plan to ensure at least 30 percent of the existing hard-surface schoolyard is converted into safe and sustainable green space at all schools by 2035, to the extent feasible based on the physical constraints of individual campuses.

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The Green Schoolyards for All Plan outlines the approach and considerations for upgrading schoolyards that are mostly asphalt. An analysis of available data indicates that approximately 475 school sites may need upgrades to their schoolyard to meet or approach the 30 percent goal, and in total approximately 12.3 million square feet (282 acres) of paved schoolyard areas may need to be replaced. This approach to analyzing schoolyard greening utilizes a calculation based on the ground plane of the schoolyard and does not take into account measuring tree canopies or green elements that may be on vertical surfaces. If tree canopies and vertical surfaces were to be factored into the calculation, the amount of greening required may be reduced.

A multi-tiered approach will be utilized to capitalize on various funding sources, existing projects, future projects, and efforts specifically targeted to add greening/natural elements to campuses, including those made possible with third party partners and funding. Projects specifically targeted to address the 30 percent goal may range in scale and cost based on the funding mechanisms, unique project considerations, and individual site conditions.

To meet the ambitious goals of the Resolution, it is estimated that up to \$3 billion<sup>1</sup> may be required for the development of large-scale schoolyard upgrade projects which may include new landscaping, outdoor learning environments (with technology, seating, shade, and teaching tools), planters, gardens, trees, irrigation, storm water treatment, and code required upgrades including accessibility. To complete this by 2035, approximately 60 medium-to-large scale projects would need to be initiated every year over an eight-year period, requiring an annual estimated allocation of \$350 to \$400 million. However, implementing this volume of large-scale projects may not be achievable based on the extensive need for funding and the availability of labor and materials.

Alternatively, smaller-scale projects that focus on landscape improvements and shade from trees can provide green/natural elements on campuses most in need of greening. These may be funded by third party partners, grants, and/or other future funding sources. Projects made possible by third party partners may have a smaller footprint, limited scope, and may be less expensive than District executed projects. These projects will incrementally increase greening at school sites but alone, may not fully achieve a 30 percent green schoolyard.

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<sup>1</sup> Estimate assumes total project costs, including due diligence, environmental, management, inspection, permitting, design and construction.

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Pursuant to the *Green Schools for All* Resolution, the Green Schoolyards for All Plan prioritizes greening upgrades at elementary schools, with a focus on those with less than 10 percent green/natural space (Category 1). Based on Computer Aided Facilities Management (CAFM) system data, Districtwide there are 205 elementary schools within this category with a combined 7.2 million square feet (165 acres) of paved schoolyard that may need to be replaced with greening elements to meet the 30 percent goal. Not accounting for inflation over time, approximately \$1.5 billion is estimated to be required to upgrade schoolyards at these elementary schools (assuming the 30 percent goal can be fully realized at each of these sites and that their schoolyards do not require significant reorganization).

Work is already underway to move the District closer to the Board's green schoolyards for all goals. Some projects will meet the 30 percent goal, others will get the school incrementally closer to the goal. Individual site conditions and the scale of additional greening/shading required will determine whether a project will require Division of the State Architect (DSA) review and approval and associated code upgrades to comply with local, state, and federal requirements.

Two new project types were created, Green Schoolyard Upgrade and Green Schoolyard Improvement projects, in direct response to the Resolution. Additionally, Expanded Learning Opportunity Program (ELOP) and Certificates of Participation (COPs) funding was identified to support the development of 49 projects at elementary school sites. As of April 2024, 15 projects are in the planning phase, and 11 of the 34 projects (not requiring DSA approval) were recently awarded construction contracts, with the remaining 23 in design.

While bond funds are not a viable funding source for greening projects that provide exterior improvements limited to greening elements such as grass, in-ground plantings, and dirt/mulch (no physical infrastructure), as appropriate, feasible, and related, greening enhancements to the schoolyard are included in other school facilities projects. Pre-existing bond projects, such as Outdoor Learning Environment, Paving and Campus Exterior Upgrade, Classroom Replacement, Major Modernization, Comprehensive Modernization, Early Education Outdoor Classroom, and Paving Replacement projects, are the primary project types that are increasing the footprint of green schoolyards. Within the framework of the District's authorized bond funding, four additional classroom replacement project proposals and 15 additional Paving and Campus Exterior Upgrade proposals are expected to be presented to the Board by the end of the calendar year.

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Planning for how the District can upgrade school sites with green/natural schoolyards was supported through engagement and outreach to families, stakeholders, partners, and industry experts who informed the development of green/natural schoolyard priorities and the recommendations for the type of improvements that most positively support students.

To realize this ambitious goal of 30 percent green/natural schoolyards at all school sites, a significant investment in maintenance resources will be required to maintain and sustain this investment. Green Schoolyard improvements require resources necessary for the upkeep, repair, and replacement of green/natural features.

The Green Schoolyards for All Plan is a living document and is expected to be updated over time to reflect new funding sources and approaches to providing 30 percent green schoolyards for all students.

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### **3. ENGAGEMENT**

The community engagement and outreach efforts solicited input and feedback from all external stakeholders. To reach the broadest net of external stakeholders, a series of meetings and a survey common to all parties were conducted. Below is the account of the engagement to date and the plan for continued engagement as projects and programs are developed and implemented.

The feedback and input received through the engagement efforts has been incorporated throughout the recommended development and scoping process for Green Schoolyard improvements. The highest ranked priorities in the survey were adding trees and providing shade. In addition, the most important climate-related concern identified was excessive heat on the schoolyard. In response to this input, a goal of 20 percent shading of the schoolyard was included in addition to the 30 percent green/natural goal set by the Resolution.

#### Phase 1 Engagement Process: Regional Community Meetings

In Spring of 2023, outreach efforts with families and community members were initiated. Four Region community meeting forums were held. District staff presented an overview of the Resolution, identified ongoing efforts to further the goals of the resolution and solicited feedback. Stakeholder input was provided in the form of questions and comments during the meetings and through an online survey. A copy of the regional community meeting presentation is enclosed as part of Appendix 4.

#### Phase 1 Engagement Process: Partners Meeting

A Green Schoolyard partners forum was held on July 27, 2023 for greening professionals, environmental experts, and community-based organizations. Over 70 Green Schoolyard Community Partners and Industry Experts participated in the online forum. District staff presented an overview of the Resolution, identified ongoing efforts to further the goals of the resolution and solicited feedback. A copy of the partners' meeting presentation is enclosed as part of Appendix 5.

The primary purpose of the meeting was an open discussion with participants to elicit input and comments regarding uses, challenges, and priorities at each grade level (Early Education Centers/Elementary Schools, Middle Schools, and High Schools). The comments included discussion on these topics:

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- Preference for nature-based solutions, California native and drought tolerant planting.
  - Prioritize underserved communities and those most vulnerable to heat.
  - Need for school gardens/urban farms, tie-in to career technical education (horticulture and agriculture).
  - Needs for maintenance appropriate to types of planting; leveraging community and student support.
  - Alignment with curriculum, opportunities to teach climate literacy and environmental stewardship.
  - Need for shade, and temporary shade.
  - Importance of green schoolyards to support mental health.
  - Ensure green space is installed where students spend the most time.
  - Concerns that student access to athletic fields may be limited. Reconsider including athletic fields in 30% calculation.
  - Consider capturing space outside the fence (front yards) for student use.
  - Coordinate and collaborate with school site administration, and other programs, including BSAP.
  - Preference for investment in comprehensive green schoolyard improvement projects.

The robust discussion with partners and experts provided input which has been incorporated into the Plan, including as it relates to prioritization, and core principles for scoping of projects.

### Online Survey

An online survey was made available to all community members and stakeholders in seven languages. Additionally, partners were asked to complete the same survey presented to community members and families. The survey input received from community, staff, students, and partners has been incorporated into the Plan.

The survey questions focused on prioritizing green/natural schoolyard elements that are most beneficial to students and communities. The questions also distinguished priorities separately for elementary/EEC's, middle schools, and high schools. A copy of the survey is enclosed as part of Appendix 6.

576 survey responses associated with approximately 156 school campuses were received. Survey participants identified as follows:



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- 77% – Parents of District Students
  - 11% – District Students
  - 3% – Teachers
  - 1% – Greening Partners
  - 8% – Other Stakeholders

The results:

- Highest ranked priorities for all grade levels: Adding trees and providing shade.
- Most important climate-related concern: excessive heat on the schoolyard.
- Least priority: providing natural play areas such as logs/stumps, planted landscapes other than playfields, and outdoor classrooms.

Full survey results are enclosed as part of Appendix 6.

### Additional Input

The Plan also incorporates input received from stakeholders participating in the Greening Schools and Climate Resilience Committee Meeting and the Climate Literacy Task Force.

Facilities and the Division of Instruction collaborate to ensure the development of green schoolyards support educational programs and the learning experience of the students. Focused discussions and workshops were held on the following educational areas: Science, STEAM, Outdoor Education, Physical Education (PE), and Social & Emotional Learning (SEL). Through these discussions, educators shared that for green schoolyards to effectively support learning, consideration should be made to provide adequate infrastructure, ensure ease of access and supervision, provide a variety of experiences and opportunities, and consider the physical and mental health of the students and staff. Green schoolyards provide: opportunities for nature-based learning experiences and investigation, environments that support movement and physical education, places for relaxation and mindfulness meditation, break-out spaces for making and creating, support for cooperative and collaborative projects, classroom spaces for instruction, gathering spaces for presentation and performances, opportunities to learn career skills including gardening and farming, and in general, build environmental stewardship.

### Phase II Engagement Process

Upon identification of a school for a project that impacts schoolyards, community engagement efforts will take place within the school community (students, parents, faculty/staff, and surrounding neighbors) to seek input, and foster ownership and learning opportunities. Site-specific engagement plans will be developed for each project and project type.

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## 4. DEFINITIONS: SCHOOLYARDS, GREENING ELEMENTS AND SHADING

Schoolyard is defined as:

The exterior areas of the school site to which students have general, unrestricted, and secure access within the school fence line, including open space between permanent buildings wider than 20 feet.

The following areas are not considered part of the schoolyard for all schools:

- Building footprints
- Storage containers
- Lunch shelters
- Bleachers
- Parking areas, dedicated service areas, or utility yards
- Relocatable buildings, or the spaces between them
- School frontages that are not accessible to students during school hours
- Covered walkways

The District is currently analyzing data for secondary schools. The schoolyard footprint at secondary schools is very different than at elementary schools and typically limited to the quad space utilized for lunch and breaks. To provide benefits to the maximum number of students, green/natural improvements will be focused in quad areas within the academic core. Additionally, as the hardcourt physical education stations (e.g. basketball courts) often have limited shade, we will prioritize providing additional shade and cool paving in these areas to reduce the heat island effect.

Green/Natural areas are defined as:

Exterior areas within a schoolyard which are of recreational and/or ecological value. These areas:

- Provide locations for recreation and play,
- Provide opportunities for the interactive educational observation of natural systems,
- Protect areas of both typical and unique plant and animal communities, and
- Provide areas of natural interest and beauty within the school campuses for students and staff.

Green/Natural areas are further defined as incorporating the following surface materials:

- In-ground planting/trees

- Grass/lawn/natural turf/other turf materials
- Dirt/mulch
- Decomposed granite (DG)
- Permeable pavers

The following are not considered a green element:

- Synthetic turf
- Cool coating

### Shading

*Schoolyard Tree Shading* is required per CALGreen 5.106.12.1. The shade provided by trees is measured at noon on the summer solstice, within 15 years of planting. Shade tree plantings, minimum #10 container size or equal, shall be installed to provide shade of 20% of the landscape and hardscape areas of the schoolyard. Covered walkways and hardscape areas covered by shade structures are not included in the total area calculation.

*Surface Parking Tree Shading* is required per CALGreen 5.106.12.1. Shade tree plantings, minimum #10 container size or equal, shall be installed to provide shade over 50 percent of the parking area within 15 years. Percentage shall be measured at noon on the summer solstice.



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## 5. DESIGN STANDARDS AND GUIDELINES

### Design Standards and Guidelines

Since 2006, the LAUSD School Design Guide (SDG) has included the following language: *“The LAUSD “Greening Program” recommends the use of lawn and planting on at least 30% of the outdoor space on each school site and/or the installation of features that convert a school yard into a more environmentally friendly space.”*

District capital improvement projects are designed to align with the guidance provided by the SDG. The SDG establishes a consistent level of functionality, quality, and maintainability for all District school facilities. The SDG provides guidelines and criteria for the planning, design, and technical development of new schools, modernizations, and building expansion projects. As an urban school district, many school sites are compromised in size and may not have the physical space to allow for meeting the goals established in the SDG. However, projects are designed to maximize green space within the project scope as feasible to meet the SDG goal including: “The elements that can “green” school yards include, but are not limited to; new grass fields, replacing paved surfaces with permeable surfaces that incorporate native/drought tolerant planting areas, installation of trees, and incorporating features that reduce heat island effect, such as cool paving.”

District standards and guidelines, including the SDG, are regularly updated to comply with new and changed code requirements of regulatory agencies, to incorporate, when appropriate, guidelines and recommendations from organizations concerned with school design best practices, and to update technical information regarding planting, paving materials, storm water management, and water use. For example, the 2019 California Green Building Standards Code (CALGreen) requires shade tree plantings to provide shade of 20% of landscaped and hardscaped area within 15 years.

The green schoolyards for all goal is in alignment with the District’s commitment to sustainable or “high performance” design to enhance student and teacher performance, reduce operating costs, and protect the environment, as reflected in the LAUSD BOE October 2003 High Performance Schools Resolution. Pursuant to the Resolution, the District continues to ensure that every District new school and modernization project, from the beginning of the design process, incorporates high performance school criteria to the extent feasible. All new schools, new occupiable and conditioned buildings on existing campuses, and modernization projects shall qualify as a CHPS project. Defining characteristics of CHPS projects include several criteria that promote green schoolyards and sustainable site development, including Water Efficiency, Storm Water Management, Outdoor Surfaces and



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Spaces, Schools That Teach, and Community Resource. Through the District's commitment to CHPS and sustainable design, projects are designed with outdoor areas that enhance the school environment.



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## 6. PRIORITIZATION

### **Green Schoolyards Index (Pre-K through 12<sup>th</sup> Grade Schools)**

In 2022 the District published the 'Greening Index'. The index measures a school site's community-based need relative to Los Angeles County's Parks Needs Assessment and the campus-based need as a percentage of green space on campus, utilizing data and measuring tools from the Facilities Condition Assessment. The Greening Index has been utilized to prioritize projects for Outdoor Learning Environments, Greening Upgrades – ELOP funding, and others.

The Board subsequently passed the Green Schools for All Resolution. The Resolution guided efforts to engage stakeholders, update measuring and monitoring tools, and prioritize green/natural schoolyard improvements. The result has generated an updated index, the Green Schoolyards Index, which aligns with the goals of the Resolution. The Index prioritizes the highest need schools within communities in greatest need of green/natural schoolyards. The new index scores sites based on percentage of existing green schoolyard space and the extreme heat and climate change score of their community. The primary grade schools with 10 percent or less green/natural space were scored separately as they were identified as a priority area in the resolution. The Green Schoolyards Index is ranked as follows:

1) Category 1: "Green Schoolyard Priority List" (Appendix 3)

- a. Identifies all District elementary schools with a schoolyard less than 10% green/natural. The "schoolyard", as a measurement, is primarily defined as the outdoor areas within a campus accessible to students during the school day. 205 Elementary Schools have been identified as a priority.
- b. The Green Schoolyard Priority List is ranked based on weighted scoring utilizing the CalEnviroScreen tool and Extreme Heat Temperature tool.
- c. It is estimated that approximately \$1.5 billion needs to be invested to achieve the 30% green/natural schoolyard goal at the Priority Schools.

2) Category 2:

- a. Includes all remaining elementary schools with 11% or greater green/natural schoolyards and all secondary schools.



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- b. The CalEnviroScreen tool and Extreme Heat Temperature tool will be applied to rank Category 2 schools together with the percentage of green/natural schoolyard.

### 3) Category 3

- a. Secondary schools have varying planning considerations relative to schoolyards. As the data updates are completed, the fidelity of the definition of a schoolyard and the elements constituting green/natural will be reviewed. The commensurate prioritization of Category 3 will reflect the findings of the final data and reflect the goals of the Resolution and stakeholder feedback in measuring the percentage of green/natural schoolyards.
- b. The CalEnviroScreen tool and Extreme Heat Temperature tool will be applied to rank Category 2 schools together with the percentage of green/natural schoolyard.
- c. Staff anticipates completion of all secondary school prioritization by the end of the calendar year.

## **Early Education Centers**

Projects include outdoor landscaped spaces designed for the youngest learners to acquire understanding through nurturing, nature-based learning environments, and give children important and inspiring nature experiences.

- 1) These projects incorporate green schoolyard solutions such as climbing structures, wooden blocks, and garden areas and when completed support the District's goal to provide green/natural spaces on school campuses, particularly for the youngest learners.
- 2) Schools are prioritized based on proximity and access to safe public green space areas. Priority may also be given to EECs with the least amount of shade on playgrounds and percentage of green/natural schoolyards.

## **Other School Sites**

School sites utilized for Adult Education, Special Education Centers, Continuation Schools, and non-traditional campuses will be analyzed and prioritized as funding is identified. Most of these sites are not comparable for comparison purposes to Pre-K through 12 campuses.

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## 7. MULTI-TIERED APPROACH

### Programs and Projects

The District has been implementing schoolyard greening as part of facilities projects for over 20 years and through many different project types and efforts. Bond-funded programs have incorporated green schoolyard elements when constructing new schools as well as increased green/natural areas on existing schools.



### Bond-Funded School Upgrade Program

On August 24, 2021 the Board of Education approved an update to the School Upgrade Program to integrate the Measure RR funding and priorities (Appendix 2). The following summarizes the program allocation for project types that include green schoolyard priorities.

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## Green/Natural Schoolyard Upgrades as the Primary Focus

- Playground and Campus Exterior Upgrade projects will address elementary schools with the worst paving conditions and incorporate replacement and upgrade of asphalt playgrounds including installation of landscaping, trees, and cool coating.
- Sustainable Environment Enhancing Developments for Schools (SEEDS) projects will provide outdoor learning spaces in collaboration with school and community led efforts. Under this program, the District provides the infrastructure and site work needed, such as asphalt removal, irrigation systems, and soils testing, to make the site “garden ready,” and the school site and/or partner outfits the outdoor learning space with the plant materials and landscaping features that align with the school’s instructional vision and program to move towards 30% green/natural schoolyards.
- Early Education Center Outdoor Classroom (Nature Explore) projects include outdoor landscaped spaces designed for the youngest learners to acquire understanding through nurturing, nature-based learning environments, and give children important and inspiring nature experiences. Nature explore projects incorporate green schoolyard solutions such as climbing structures, wooden blocks and garden areas.
- The Outdoor Learning Environment (OLE) projects will construct approximately 2,000 square feet of outdoor classroom and landscape area to serve as a gathering space and active hands-on lab space to create a natural learning environment for students. OLE projects increase the green schoolyard area at each of the elementary school project sites but to reach the 30% green schoolyard goal an additional approximately 30,000 square feet of green/natural area would be required. Playground and Campus Exterior Upgrade projects will address elementary schools with the worst paving conditions and incorporate replacement and upgrade of asphalt playgrounds including installation of landscaping, trees, and cool coating. Early Education Center Outdoor Classroom (Nature Explore) projects include outdoor landscaped spaces designed for the youngest learners to acquire understanding through nurturing, nature-based learning environments, and give children important and inspiring nature experiences. Nature Explore projects incorporate green schoolyard solutions such as climbing structures, wooden blocks and garden areas.
- Sustainable Environment Enhancing Developments for Schools (SEEDS) projects will provide outdoor learning spaces in collaboration with school and community led

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efforts. Under this program, the District provides the infrastructure and site work needed, such as asphalt removal, irrigation systems, and soils testing, to make the site “garden ready,” and the school site and/or partner outfits the outdoor learning space with the plant materials and landscaping features that align with the school’s instructional vision and program to move towards 30% green/natural schoolyards.

#### Other Project Types that Provide Schoolyard Upgrades as Feasible

- Comprehensive Modernization projects, defined prior to the Resolution, address the most critical physical conditions and essential safety issues on site including upgrading site infrastructure, removal of relocatable buildings, and landscape improvements. All comprehensive modernization projects will meet or exceed 20% green/natural schoolyards.
- Major Modernization projects, when completed, will incorporate the removal/replacement of relocatable buildings, ground improvements and landscape upgrades to meet or exceed the 30% green schoolyard goal inclusive of playfields.
- Classroom Replacement projects will meet the 30% green/natural schoolyard goal or significantly increase the green/natural schoolyard when completed as part of various site upgrades including landscape improvements and the addition of green schoolyard elements.
- Campus Upgrades and Alterations projects provide improvements to school sites to support instructional programs and likely include some enhancements to schoolyards that increase the percentage of greening.
- All Paving Replacement projects will work towards achieving 30% green/natural schoolyard goals including stormwater capture.

The following table summarizes the bond-funded projects underway that were defined specifically to upgrade outdoor areas including providing greening, and/or projects that include greening components as part of the overall development of the project’s scope.

PROJECT TYPE	TOTAL PROJECTS <sup>2</sup>
<b>Green/Natural Schoolyard as the Primary Focus</b>	
Playground and Campus Exterior Upgrades	30
Sustainable Environment Enhancement Developments for Schools (SEEDS)	40 to 45
EEC Outdoor Classrooms	12
Safe and Welcoming Outdoor Learning Spaces Projects ("OLE")	18
<b>Green/Natural Schoolyard Improvements Provided as Feasible</b>	
Comprehensive Modernizations	22
Major Modernizations	7
Classroom Replacement Projects	7
Upgrade High School Competitive Athletic Facilities	6
Campus Upgrades and Alterations	2

Approximately 24 elementary schools with less than 10 percent green/natural schoolyards have current Board approved projects that will improve their percentage of green/natural schoolyard area. Appendix 7 includes additional examples of greening efforts at existing programs and projects.

#### Other Non-Bond Funded Projects

In addition to bond-funded projects that are enhancing schoolyards with greening, ELOP and COPs funds were allocated in 2023 to support the development of green schoolyard projects.

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<sup>2</sup> The total number of projects anticipated, as of April 2024, to be fully implemented.

- Green Schoolyard Improvement Projects (Non-DSA) were identified in Summer 2023, to utilize, to the extent possible, funding that expires on June 30, 2024. This was prior to the development of the Green Schoolyards Index, and work has already begun. The scope of the projects consists of new plantings, trees, turf, and/or decomposed granite within existing or new planting areas, and thus will not require Division of the State Architect (DSA) approval. Based on the scoping assumptions, all projects are anticipated to significantly increase the green space, getting each school as close to 30% as feasible.
- The Green Schoolyard Upgrade projects will provide improvements to schoolyards to align with the goal of providing 30% of a school sites' schoolyard with green/natural spaces. The scope may include replacing significant areas of paved surfaces with permeable surfaces that incorporate native/drought tolerant planting, the addition of natural grass play fields, the installation of trees and other shade elements to achieve 20% shade in the schoolyard, irrigation, decomposed granite and pavers, outdoor classroom elements, as well as accessibility improvements, as required, to ensure equal access to all students. Sites were identified using the Green Schoolyards Index. The first eight sites on the list that do not have an approved or planned project that would provide substantial greening improvements were selected. Additionally, in an effort to provide geographic equality, at least two high-ranked sites were selected in each Board District.

PROJECT TYPE	TOTAL PROJECTS <sup>3</sup>
<b>Green/Natural Schoolyard as the Primary Focus</b>	
Green Schoolyard Improvements – ELOP Funding (Non-DSA)	34
Green Schoolyard Upgrades Projects ("GSY") – ELOP and Certificates of Participation COPs	15

<sup>3</sup> The total number of projects anticipated, as of April 2024, to be fully implemented.



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## Partnerships

### Community School Park Programs

The District is actively working to strengthen its partnership with the Community School Park Programs (CSPs), collaborating with the City of Los Angeles (City) and the County of Los Angeles (County). This collaboration is facilitated through Joint Use Agreements (JUA) and Joint Power Agreements (JPA) to make school facilities available for after-school activities and recreational programs. The CSPs are schools that offer access to green spaces and outdoor facilities on weekends for community recreational use, operated by City Recreation and Parks staff. CSPs are currently being operated at Bethune Middle School, Obama Global Preparation Academy, and Northridge Middle School.

The parties are aiming to establish a formal, longer-term Joint Powers Agreement (JPA) by the end of 2023 to expand the number of CSPs in operation at District school sites.

Despite the shared goal of opening as many as 25 CSPs, several challenges need careful examination and negotiation. Liability and indemnity, scheduling, staffing availability, and sustainability of city funding are the main obstacles. Liability and insurance issues have largely been addressed in a Memorandum of Understanding (MOU) to find common ground.

Principal buy-in and potential conflicts on school campuses present additional challenges. The City's staffing issues have been the most significant impediment to the program's success. The City must commit to funding the program adequately for the next 5 to 10 years to ensure its sustainability. Uncertainty in funding and shifting priorities due to leadership changes at the City could affect the allocation of funds for CSPs and repairs over time.

While there is progress in establishing the CSPs and their partnership, addressing liability, staffing, and funding concerns will be crucial for the successful implementation and long-term sustainability of the initiative. Appendix 8 includes a list of the District's active Joint Use Agreements (JUAs).

Additionally, there may be opportunities shared use agreements where schools are located adjacent to community parks and can capitalize on utilizing the park for green space during the school day. Considerations would need to be given to the rental cost of and security relative to the public park.

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## Civic Center Permits

The use of school buildings and grounds may be granted to citizens and to organizations formed for recreational, education, political, economic, artistic, or moral activities per the District Civic Center Permit process. These citizens and organizations may engage in supervised recreational activities or may meet to discuss subjects pertaining to the above stated interests. The District had 128 active permits for Fiscal Year 2022-23.

## Grants

Projects made possible by third party partners with grant funding are also part of the multi-tiered approach that will be necessary to meet the goal of providing green schoolyards for all. These projects may have a smaller footprint, limited scope, and may be less expensive than District executed projects. These projects will incrementally increase greening at school sites but often do not fully achieve a 30 percent green schoolyard.

Research, outreach, and application submissions for current and upcoming grants and funding opportunities is ongoing. The following table summarizes recent District Grant application opportunities and their outcomes:

<b>Grant</b>	<b>Applications</b>	<b>Funds Requested</b>	<b>Status</b>
CAL FIRE Urban & Community Forestry Green Schoolyards Grant Program	One application submitted for 14 sites	\$26,494,533	Not selected
Measure W Safe Clean Water Program	Nine applications submitted for 9 sites	\$22,576,920	Not selected

The District's external partners were successful in recent Grant awards as follows:

- California Natural Resources Agency ([https://resources.ca.gov/Newsroom/Page-Content/News-List/California-additionally,Natural-Resources-Agency-Grants-\\$47-Million--to-Urban-Greening-Projects-in-17-Counties](https://resources.ca.gov/Newsroom/Page-Content/News-List/California-additionally,Natural-Resources-Agency-Grants-$47-Million--to-Urban-Greening-Projects-in-17-Counties))
  - The Trust for Public Land, \$2.75M, 107<sup>th</sup> Street Elementary Green Schoolyard Project.

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- TreePeople, \$2.97M, Middleton Street Elementary Living Schoolyard Project.
  - Measure W Safe Clean Water Program (<https://portal.safecleanwaterla.org/scw-reporting/dashboard>)
    - TreePeople, \$943K, Regional Scientific Study, LAUSD Living Schoolyards Program Pilot Study for 10 schools.
  - CAL FIRE Urban & Community Forestry Green Schoolyards Grant (<https://www.fire.ca.gov/what-we-do/grants/urban-and-community-forestry-grants>)
    - Planning Grant Awarded to Council for Watershed Health for Designing Healthy Schoolyards for 8 LAUSD school sites (\$1.6M requested)
    - Implementation Grant Awarded to Tree People for Creating Cool Schools in Southern California for 15 LAUSD school sites (\$17.4M requested)
    - Implementation Grant Awarded to Los Angeles Neighborhood Land Trust for Trees, Communities, and Climate Resilience in Central and South Los Angeles for 5 LAUSD school sites (\$11.2M requested)
    - Implementation Grant Awarded to the Hollywood Beautification Team for A Place for Play, Learning and Exercise: Green, Cooling Elementary Schoolyards in the San Fernando Valley High Cluster for 4 LAUSD school sites (\$2.7M requested)
    - Implementation Grant Awarded to North East Trees, Inc. for Project NELA (Nature, Education, Learning, Always) for 7 LAUSD school sites (\$2.5M requested)
    - Implementation Grant Awarded to Trust for Public Land for Green Schoolyards for South and East Los Angeles for 8 LAUSD school sites (\$21.7M requested)

### Community-Initiated Projects

The District has a mechanism in place that provides 3<sup>rd</sup> party organizations, such as a school's booster club, Parent Teacher Association (PTA), or local nonprofit organizations the

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opportunity to make small-scale improvements on school campuses. This may include the installation of raised-bed gardens, school beautification days (during which areas of the campus will receive new plantings), or projects involving minor alterations/improvements that are conducted by the District and are paid for by the 3<sup>rd</sup> party or school site (for example, planting new trees in existing tree wells and providing minor plumbing alterations by District in order to provide irrigation).

The 5761 Bulletin is the current reference point used when a school site wants to initiate these types of improvements. The process begins with engaging the school's Complex Project Manager (CPM) to present information regarding the desired scope and getting advice on what improvements are permissible and what the required reviews/approvals required for the work to begin. If the scope and funding of the desired project exceeds the limits of the 5761 Bulletin, the project may require instead a Development Agreement, which is another mechanism by which 3<sup>rd</sup> parties are able to provide larger-scale greening projects that include required soils/asphalt testing and site alteration/construction. This agreement, which requires prior coordination regarding the project's scope and design, as well as BOE approval, is the agreement utilized by non-profits who acquire State Grant funds to develop large-scale improvements - such as the removal of asphalt on a schoolyard to create large new areas for landscape and trees.

The District is committed to working with the greening community partners and is dedicated to making relationships as efficient and streamlined as possible. The following resources and website links below provide the greening partners access and instructions on how to initiate a greening project with the District.

1. Sustainability Webpage:  
<https://learninggreen.laschools.org/>
2. Campus Ecology Webpage (includes a link to the SEEDS program page):  
<https://learninggreen.laschools.org/campus-ecology.html>
3. SEEDS Webpage:  
<https://learninggreen.laschools.org/seeds.html>
4. Garden Resources:  
<https://learninggreen.laschools.org/gardenresources.html>  
(Includes resources for establishing a variety of greening projects)

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External 3<sup>rd</sup> Party partners can find information on how to get a greening project initiated and completed within the School Garden Guidebook per the above Garden Resources webpage.

#### Memoranda of Understanding (MOUs)

In recognition that trees help reduce greenhouse gases, provide shade, reduce the heat island effect, and improve the overall school environment, the District entered into two partnerships with local nonprofits in order to expand its efforts to install new or replacement trees on school sites. In 2020, the District entered into MOUs with the Los Angeles Beautification Team and TreePeople to help facilitate the installation of community-planted trees. The District takes on the maintenance of any new trees installed through these partnerships as it would with any other trees located on its campuses, however the new trees and their installation are provided by the nonprofits and community. With these MOUs in place, these partners can maximize access to State and local funded programs aimed at increasing tree canopy shade and improving air quality.

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## 8. GREEN SCHOOLYARD ENHANCEMENTS



### **Project Scoping**

Once a school site is identified for a project that will improve the green/natural schoolyard, the school will be reviewed and evaluated for its specific needs in achieving the 30 percent green/natural schoolyard per the below definitions, goals, and core principles for scoping. Additionally, a goal of 20 percent shading of the schoolyard by trees has been established in alignment with California Green Building Standards Code (CALGreen) and Collaborative for High Performance Schools (CHPS). The development of the definitions, scoping process, and core principles for project scoping were informed by the engagement process, including community meetings, survey, and partners meeting. For example, in response to the highest priority identified in the stakeholder survey being trees and shade, the goal of 20 percent shading of the schoolyard has been established.



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## Scoping Process and Core Principles

The school site will be evaluated against the above definitions to establish the size of the schoolyard, the percentage of green/natural space, and the percentage of shading provided by trees. In addition, other attributes and characteristics of the school site will be assessed, including: storm water drainage, condition and health of existing trees, accessibility of schoolyard, community use, current capacity and enrollment projections, current instructional programs, physical education stations, vehicular circulation and fire access, and general site utilization. Opportunities to find efficiencies in achieving other District goals, such as portable classroom reduction, drinking water availability and quality, and clean, renewable energy will be identified. Once a school site is selected for a project that improves/upgrades the schoolyard, the site will be studied utilizing the definitions for schoolyard and green/natural areas outlined in section 2 of this plan.

Projects will be defined (consisting of project scope, budget, and schedule) utilizing the core principles for project scoping, lessons learned from successful projects across the District, input received through the engagement process, and code and regulatory requirements. Utilizing core principles for scoping helps to ensure a consistent transparent, and equitable approach to the planning, design, and construction of all schoolyard improvements.

The following core principles will be applied to develop the site-specific definitions of projects including schoolyard improvements/upgrades:

- 1) Increase green/natural areas up to 30% of the schoolyard or to the maximum extent feasible.
- 2) Plant trees to achieve 20% shade from trees in landscape and hardscape areas within 15 years. Priority is to provide shade where students are most active.
- 3) Provide grade level appropriate outdoor learning environments aligned with curriculum and programs at the school. For example, include outdoor classrooms, habitat gardens, and raised bed gardens, as appropriate and as aligned with curriculum.
- 4) Provide space for physical education and active play. Prioritize green/natural spaces that allow for active play, particularly at small school sites with restricted play and PE areas. Include a grass playfield at all elementary schools, as space permits.
- 5) Consider visibility and site lines to improve safety and security of the schoolyard.

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- 6) Ensure access to the green schoolyard is provided to all students.
  - 7) Improve physical conditions and site infrastructure to ease maintenance of the schoolyard.

### Considerations

Challenges in realizing greening projects on District school sites include small sites and sites with steep terrain/or slopes that make it extremely challenging to develop green/natural areas on campus while leaving adequate space for Physical Education curriculum.

The California Department of Education (CDE) establishes standards for school sites pursuant to Education Code Section 17251 (Ed Code) and adopts regulation regarding school sites per California Code of Regulations, Title 5 (Title 5). CDE's *Guide to School Site Analysis and Development* indicates that for a K-5 elementary school of 600 students, 5.7 usable acres for physical education is required. As many District school sites are on small urban sites, very few of the District's elementary school sites currently meet these requirements. When developing projects, consideration is given to: a) not reduce the already substandard amount of play area, b) maximize the schoolyard area available for active play, and c) provide shade to make the available area more usable and comfortable for physical activity.

Strategies that may be employed in the development and design of green schoolyards on small urban school sites include: providing grass play field(s); providing open flat areas of decomposed granite that could be used for yoga, stretching, or other activities; providing running/walking paths through planted areas; and providing areas for climbing and balancing on logs and stumps. Another option that may be considered for increasing the schoolyard at some school sites is the possibility of adjusting the fence line to capture green/natural front yards for student use.

On tight urban sites, providing 30 percent green/natural schoolyard is often not achievable. In these cases, other sustainable features that improve the outdoor quality of a school can be incorporated and may include cool paving (solar reflective coating) and expanded tree canopies. Cool paving and shading serve to reduce the heat island effect and may cool the schoolyard but are not considered as part of the 30 percent green/natural area.

At secondary schools, the need for green schoolyards differ from those at elementary schools. In order to provide benefits to the maximum number of students, consideration should be made to focus green/natural improvements and outdoor learning environments

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at quads and areas within the academic core. As hardcourt physical education stations such as basketball courts often have limited shade, providing shade and cool paving to these areas should be considered to reduce the heat island effect.

Developing green schoolyards provides opportunities to address site wide infrastructure issues including stormwater management, site drainage, and irrigation systems.

District projects incorporate appropriate stormwater runoff reduction and treatment elements per the LAUSD Stormwater Technical Manual. Although LAUSD is not directly under the regulatory requirements of the National Pollutant Discharge Elimination System (NPDES) Phase I Los Angeles MS4 Permit, the Stormwater Technical Manual generally conforms with local ordinances that are in place to implement the planning and land development requirements of the MS4 Permit. LAUSD construction projects must consider Low Impact Development (LID) techniques and source control Best Management Practices (BMPs) during design, construction, and use. Stormwater management strategies that may be incorporated into green schoolyard projects include minimizing impervious surfaces, and incorporating BMPs including biofiltration, bioretention, permeable pavement, and vegetated swales.

District projects, including green schoolyards, are developed and designed to reduce potable water use for irrigation through the selection of drought-tolerant, native or climate appropriate plants, efficient irrigation systems, and smart irrigation controllers.

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## 9. MAINTENANCE



To realize this ambitious goal of 30 percent green/natural schoolyards at all school sites, a significant investment in maintenance resources will be required to maintain and sustain this investment. Green Schoolyard improvements require resources necessary for the upkeep, repair, and replacement of green/natural features, including the cost to maintain and replace irrigation systems, the upkeep of landscape areas and replacement of plant materials, and increased water costs. Should all school sites be upgraded to have a schoolyard that is 30% green/natural, it is estimated that approximately \$12 to \$15 million annually will be required. These estimates assume:

- 1) The full buildout of the upgrades to meet the green/natural schoolyard goal.
- 2) Labor, materials, and equipment are not adjusted for inflation.
- 3) Current District maintenance practices are utilized – should enhanced maintenance be required, additional funding will be needed.

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- 4) Additional funding above and beyond those shown in the table will be required for the potential replacement of plants, irrigation systems, broken or damaged benches, and damaged hard and soft scape.

In the absence of additional funding, M&O will continue to prioritize routine repair and maintenance funds to address priority service calls, and routine maintenance and repair of building systems and infrastructure that directly impact the safety of students and staff and the day-to-day operations of schools (e.g. air conditioning repairs, roof leaks, fire-life safety system certification, and plumbing service issues).



## 10. MEASURING AND MONITORING



The District has developed metrics and software-based tools to track existing campus facilities and allow for updates as projects modify facilities, including progress towards the green schoolyard goals. A Computer Aided Facilities Management (CAFM) system retains an inventory of physical property across the District including sites, buildings, and interior/exterior spaces, including tree locations, types, and canopies. The CAFM system was developed in 2008, has a dedicated team, and processes and policies in place to ensure proper maintenance and upkeep.

The tool is utilized to document all physical features on a campus and provides a variety of reporting options to depict data and measurements. The system is continually updated to capture changes on a campus and refine the data sets. Using attributes such as site type, ground surface material, and student use, the District has the information readily available to determine where the need for green space is the highest

The system updates have been progressive over the years and validation efforts including optimizations in survey collection, geospatial processing, and advanced analytics for all school site grounds have generated a wealth of data that can be analyzed across the District. All information contained within the CAFM system is tied to real world coordinates and can be utilized with standard Geographic Information System (GIS) systems and processes. Consequentially, Dashboard tools hosted on ESRI ArcGIS Online site can be utilized to display data and analysis.

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Green Schoolyard projects are designed to meet the 30 percent goal. Other existing project types may be designed to meet the 30 percent goal, or to get the school incrementally closer to the goal. Once a project design is complete the exact percentage of the schoolyard that will be enhanced with greening/shade can be determined. The CAFM system is updated after project completion to ensure accuracy with the completed project.

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## 11. OTHER RESEARCH

Recent research and development of best practices related to green schoolyards are reviewed and findings integrated into standards and guidelines for the development of GSY improvements. Several recent studies have found strong connections between increased student physical activity and green schoolyards.

In 2019, the American Journal of Preventive Medicine published a study authored by Marcella A. Raney, Colette F. Hendry, and Samantha A. Yee titled *Physical Activity and Social Behaviors of Urban Children in Green Playgrounds* that suggested adding green space to asphalt-covered schoolyards helps expose children to nature, increases daily activity levels, and promotes social wellbeing in sex- and age-dependent ways.

In 2021, the Journal of Physical Activity and Health published a study titled, *Recess Behaviors of Urban Children 16 Months After a Green Schoolyard Renovation*, authored by Marcella A. Raney, Abbie L Bowers, and Amanda L. Rissberger. This study found that green schoolyard improvements resulted in persistent changes to recess behavior that are characteristic of a more collaborative community and counteract age-related declines in moderate to vigorous physical activity, particularly for girls.

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## 12. ADVOCACY EFFORTS



The District advocates for green schoolyards through legislation, the state budget, ballot measures, and programs administered by state agencies.

The District supports legislative solutions that will bring a broad perspective on greening needs across California, particularly in areas where students have limited access to parks and green space. The District supported SB 394 (Gonzalez) to create a state Master Plan for Healthy, Sustainable, and Climate-Resilient Schools based on the contributions of a diverse array of stakeholders including school boards, county offices of education, parents, educators, labor, and school facilities experts. The statewide Master Plan will guide the development of priorities, benchmarks, and milestones for health, resilience, and decarbonization of California's public-school campuses.

The District sponsored SB 515 (Stern), to accelerate the construction of shade structures on schoolyards. Schoolyard shading mitigates the urban heat island effect and reduces ambient temperatures by at least 15 degrees, safeguarding children's physical and mental health and promoting educational progress. SB 515 went into effect in January 2024 and will reduce costs and speed construction by carving a narrow exemption from the accessible route and path of travel requirements in California Building Code. These structures will still



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meet all Federal and State ADA requirements, but they will not trigger the secondary improvements to the other areas of the campus that may make small campus shading projects expensive to build.

The District previously supported AB 2566 (Calderon) to require the Department of Forestry and Fire Protection to develop a competitive grant program for schoolyard greening and to establish the School Greening and Resiliency Fund in the State Treasury. While that bill was not signed, the Governor supported the concept and instead appropriated \$150 million over two years to the Green Schoolyard Grants Program operated by CALFIRE. The Grant Program incorporated the District's recommendation that local partnerships must have formal support from the local educational agency (LEA) for any project on a school's grounds.

The District is also engaged in formal negotiations with the legislature on a Statewide Facilities Bond slated for the 2024 ballot. The proposed \$14 billion bond includes an unspecified amount of set aside funding for climate change impacts on school facilities. The District is strongly advocating for funding to be designated for schoolyard greening that can equip campuses with the tools and resources needed to address the heat island effect, provide outdoor learning opportunities, produce clean air, and mitigate the effects of climate change. Further, any bond dollars made available for greening must come with the flexibility for schools and districts to determine what approach is appropriate for their own school sites, rather than a one-size-fits-all solution. The District estimates that replacing 30 percent of asphalt with green space will cost \$4 billion dollars and the current state School Facilities Program is oversubscribed by nearly the same amount. This bond program will significantly improve funding for these projects.



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## 13. CONCLUSION

The District is committed to providing safe and sustainable green spaces, outdoor learning environments, and shaded areas at every school campus, creating an environment where students feel safe, welcome, and excited to learn.

The Resolution provides an ambitious goal to upgrade all Los Angeles Unified school sites to ensure 30 percent of the schoolyard is green/natural. Facility needs far exceed available funding and resources. Substantial capital funding and ongoing maintenance resources need to be identified to meet the goal of the Resolution. The District will continue to provide green/natural schoolyard upgrades with existing resources as part of the Facilities managed Bond Program, through other public funding opportunities, and streamline processes for partnerships and grant opportunities.



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## 14. APPENDIX

1. Green Schools for ALL Resolution (Page 1)
2. BOE Report – School Upgrade Program Update to Integrate Measure RR Funding and Priorities (Page 5)
3. All Elementary School List and Green Schoolyard Priority List (Page 20)
4. Green Schools for All Community Forum Presentation (Page 34)
5. Green Schools for All Community Partners Forum Presentation (Page 84)
6. Stakeholders Survey Report (Page 117)
7. Examples of Greening at Existing Programs and Projects
  - a) Comprehensive Modernization Projects (Page 129)
    - i. Ascot Ave. Elementary School
    - ii. McKinley Ave. Elementary School
    - iii. Shenandoah Street Elementary School
  - b) Classroom Replacement Projects (Page 132)
    - i. 156<sup>th</sup> Street Elementary School
    - ii. Dahlia Heights Elementary School
    - iii. Wonderland Ave. Elementary School
  - c) Major Modernization Projects (Page 135)
    - i. 49<sup>th</sup> Street Elementary School
  - d) Outdoor Learning Environments (Page 136)
    - i. Birdielee V. Bright Elementary School
    - ii. Lockwood Ave. Elementary School
  - e) SEEDS (Page 138)
    - i. Canterbury Ave. Elementary School
    - ii. Glenfeliz Blvd. Elementary School
    - iii. Limerick Ave. Elementary School
  - f) Early Education Center Outdoor Classrooms (Page 141)
    - i. Gledhill EEC
  - g) Playground and Campus Exterior Upgrades (Page 142)
    - i. Plummer Elementary School
8. List of active Joint Use Agreements (Page 143)
9. Reference List:
  - a) Recess Behaviors of Urban Children 16 Months After a Green Schoolyard Renovation
  - b) Physical Activity and Social Behaviors of Urban Children in Green Playgrounds
  - c) Design Matters: Physical Activity and Social Behaviors of Urban Children on Schoolyards with Differing Levels of Green Space

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- d) California Green Building Standards Code (CALGreen)
  - e) California Department of Education (CDE) Code Section 17251
  - f) California Code of Regulations, Title 5
  - g) CDE's Guide to School Site Analysis and Development
  - h) LAUSD School Design Guide
  - i) LAUSD Stormwater Technical Manual
  - j) LAUSD Bulletin 5761
  - k) LAUSD BOE October 2003 High Performance Schools Resolution
  - l) CalEnviroScreen (CES) Source:

The Office of Environmental Health Hazard Assessment (OEHHA) & California Environmental Protection Agency (CalEPA) - CalEPA asked OEHHA to develop CalEnviroScreen to identify communities suffering from cumulative impacts of multiple pollutants and people who are vulnerable to pollution's effects.

<https://oehha.ca.gov/calenviroscreen/report/calenviroscreen-40>

- m) Extreme Heat Temperature Source:

The Cal-Adapt Analytics Engine is a climate data platform developed for California's Fifth Climate Change Assessment. Use cloud computing resources to access downscaled CMIP6 climate data and analytics co-produced by stakeholders, policy makers, scientists, and developers.



**Green Schoolyard Plan  
APPENDIX**

**MOTIONS/RESOLUTIONS PRESENTED TO  
THE LOS ANGELES CITY BOARD OF EDUCATION FOR CONSIDERATION**

**SUBJECT:** Green Schools for All: Equitable Funding and Expansion of Green Spaces across District Campuses (Res-002-22/23)

**DATE NOTICED:** 08-30-22

**PRESENTED FOR ACTION:** 09-27-22

**PRESENTED BY:** Ms. Kelly Gonez

**MOVED/SECONDED BY:** Ms. Gonez /  
Mr. Melvoin

**MOTION:**

**RESOLUTION:** X

Whereas, In alignment with Los Angeles Unified School District’s 2022-2026 Strategic Plan, the Board of Education and Superintendent are committed to creating environments where students feel safe, welcome, and excited to learn, and to a strategy that includes developing safe and sustainable green spaces, outdoor learning environments, and shaded areas at each school;

Whereas, The Los Angeles Unified School District has worked to provide equitable access to green spaces for its students through various projects, including the Sustainable Environment Enhancement Developments for Schools (SEEDS) Program and the creation of Nature Explore classrooms at our Early Education centers;

Whereas, Campuses can be greened through a variety of approaches, including, but not limited to: planting new grass fields, replacing paved surfaces with permeable surfaces that incorporate native and drought tolerant planting areas, installation of trees, creation of school gardens, and incorporating features that reduce the heat island effect;

Whereas, The District has expanded on these efforts to ensure family and community access to green schoolyards by partnering with the City of Los Angeles Recreation and Parks (RAP) to open Community School Parks, with four sites already established and the City of Los Angeles’ commitment to build 30 Community School Parks by 2023;

Whereas, The Measure RR Implementation Plan, which guides the expenditure of \$7 billion in local bond funding, outlines a variety of planned investments in school facilities, the scope of many will include creating and/or expanding outdoor learning environments including, but not limited to, \$50 million for welcoming outdoor learning spaces; approximately \$200 million for playground and campus exterior upgrades; \$5 million for school-initiated SEEDS projects; and approximately \$100 million for the development of Nature Explore classrooms at our Early Education centers;

Whereas, The District anticipates additional funding for greening efforts following Governor Newsom’s launch of the “Outdoors For All” initiative last year, which invested \$548.3 million in state grant funding (in addition to the \$1 billion-plus investment in the 2021 state budget for expanded park access) to build 112 parks in communities across the state and provide equitable access to outdoor spaces to all Californians;



**SUBJECT:** Green Schools for All: Equitable Funding and Expansion of Green Spaces across District Campuses (Res-002-22/23)

Whereas, The State recently increased its investment to fund school greening beyond the initial proposal of \$50 million to \$150 million;

Whereas, The District developed a Greening Index that assigns a “green score” to help identify which schools are most in need of greening resources, to inform and direct our efforts to address inequities through targeted investments and additional resources, and to lay the groundwork for making important planning and funding decisions for future investments in greening campuses;

Whereas, Many equity gaps remain; according to the District’s 2022 Greening Index of Schools, only 22 percent of the aggregate square footage of all school sites are considered “green” or natural space, with the median green space footage of sites is 14.7% and 235 elementary schools having 10 percent or less of their campus footprint considered green;

Whereas, In 2003, LAUSD became the first school district in California to adopt the sustainability principles and framework of the Collaborative for High Performance Schools (CHPS) for new schools and modernization projects, with 140 new school and modernization projects CHPS verified to date;

Whereas, Updated California-CHPS criteria (CA-CHPS v2.0) went into effect in Summer 2021, which includes a new criterion for new living schoolyards, outdoor classrooms & greenery;

Whereas, the District’s Greening Program officially recommends that at least 30 percent of each school site be dedicated to green or natural space, in alignment with recommendations from CA-CHPS v2.0 and from Leadership in Energy and Environmental Design (LEED), but only 16 percent of our District campuses (106 out of 671 sites, based on the Greening Index) meet that threshold;

Whereas, Based on these measures, 85 percent of our students attend schools with little or no tree canopies for shade, asphalt-laden playgrounds, and minimal outdoor learning opportunities – well below the District’s recommended greening ratio, indicating a need for the District to accelerate our existing progress significantly;

Whereas, Research has shown that green spaces on or around a school campus are positively associated with reductions in chronic absenteeism (MacNaughton et al., 2017), increased academic achievement (Wu et al., 2014), restored attention capacity, decreased stress levels (Li & Sullivan, 2016), as well as reduced mental fatigue and aggression (Schulman & Peters, 2008);

Whereas, Rising temperatures caused by climate change have necessitated responsive greening policies to urgently address conditions such as extreme heat and ensure that students across the District have access to shaded outdoor areas that provide cooler and greener spaces for students to learn, engage, and play every day; and

Whereas, Equitable access to green spaces aligns with the Board-approved Strategic Plan and the 2022-2023 Budget and its goal to identify \$50 million in projects to create

**SUBJECT:** Green Schools for All: Equitable Funding and Expansion of Green Spaces across District Campuses (Res-002-22/23)

outdoor learning spaces and other landscaping and greening upgrades, as well as the Board's approval of the resolution "Creating New School Gardens and Campus and Community-Shared Green Spaces to Provide Outdoor Learning Opportunities and Create Sustainable and Healthy Environments (Res 042-19/20); now, therefore, be it

Resolved, That the Governing Board of the Los Angeles Unified School District recognizes the proven benefits of green spaces for students' academic, health and social-emotional outcomes and commits to a long-term effort to ensure all school facilities have adequate nature-based, climate-appropriate green spaces where students recreate, play, and spend time, such as square-footage of grass, appropriate shade via tree-canopies, learning gardens, developmentally appropriate outdoor classrooms (e.g. Nature Explore Classrooms), and naturescapes;

Resolved further, That the Board adopts the current recommendation for 30 percent green/natural space on campuses as the minimum standard for all District schools and directs the Superintendent to develop a plan within 150 days to ensure at least 30 percent of the existing hard-surface schoolyard is converted into safe and sustainable green space at all schools by 2035, to the extent feasible based on the physical constraints of individual campuses. The plan must:

- Include an analysis of how current and planned bond projects will help meet this standard,
- Prioritize schools with the lowest green spaces/access to green spaces as determined by the District's 2022 Greening Index and in communities most affected by extreme heat and climate change, leveraging tools such as CalEnviroScreen and the Climate and Economic Justice Screening Tool,
- Prioritize efforts in Early Education Centers, Primary Centers, and Elementary Schools, where the need for green spaces is highest, and outdoor play is an essential feature of the instructional program, with a special focus on the elementary schools with 10 percent or less in green space,
- Be developed in collaboration with environmental experts, community-based partners, educators, students, and families, and include future opportunities for community input as specific site plans are put together to leverage stakeholder voice, promote environmental stewardship, and create learning opportunities for students and families,
- Include a staffing plan to ensure adequate maintenance of green spaces by District staff,
- Identify metrics and accessible ways to track progress towards greening goals, including heat reduction/shade, drought-tolerant planting, stormwater capture, and square footage of soft surfaces and planting on greened schoolyards, and
- Seek to address challenges in realizing greening projects, including barriers that pose additional burdens in terms of costs and time; and

Resolved further, That the Board directs the Superintendent to identify the necessary funding for greening projects to achieve the aforementioned goals by 2035, including bond dollars, general fund, and grants. For example, as new sources of funds become available, financial risk to the Facilities-managed bond program is significantly reduced, and/or significant costs savings are realized, that the funds be prioritized for additional

**SUBJECT:** Green Schools for All: Equitable Funding and Expansion of Green Spaces across District Campuses (Res-002-22/23)

projects that expand students' access to safe and sustainable green spaces at schools with the highest need for outdoor green space according to the Greening Index;

Resolved further, That any facilities projects that necessitate the disruption of existing concrete, asphalt paving or other hardscape, including asphalt replacement/repaving, portable building removal projects, and future Major Modernizations, also include the addition of green space or a natural space with the requisite shading to ensure measurable progress towards the District's adopted aforementioned minimum green space standard;

Resolved further, That the Board commits to ensuring that future bond implementation plans shall include distinct greening programs as part of its effort to ensure the aforementioned minimum green square standard is met and maintained;

Resolved further, That the Board directs the Superintendent's Office to work with the appropriate departments to ensure that proper staffing and resources are allocated to research, identify and apply for local, state, federal and other grant opportunities that support the creation of sustainable green spaces and outdoor learning environments;

Resolved further, That the Board directs the Superintendent's office to deepen the partnerships with City and County officials to expand the community school parks program, significantly increasing the number of community school parks in the schools with low green space based on the District's 2022 Greening Index and in communities most affected by extreme heat and climate change, and explore other avenues to expand community access to schoolyards beyond traditional school hours; and, be it finally

Resolved, That the Board directs the Superintendent's office to work with the Office of Government Relations to ensure that the adequate funding for greening efforts and community school parks are a continued pillar of the District's advocacy efforts at all levels, including seeking potential solutions that better enable the District to realize greening projects in an accessible, equitable, cost-effective, and timely manner.

**AYES**

**NOES**

**ABSTAIN**

**ABSENT**

<b>Ms. Garcia</b>				<b>X</b>
<b>Ms. Goldberg</b>	<b>X</b>			
<b>Ms. Gonez</b>	<b>X</b>			
<b>Dr. McKenna</b>	<b>X</b>			
<b>Mr. Melvoin</b>	<b>X</b>			
<b>Ms. Ortiz Franklin</b>	<b>X</b>			
<b>Mr. Schmerelson</b>	<b>X</b>			
<b>TOTAL</b>	<b>6</b>			<b>1</b>

<b>Mr. Shin</b>				<b>X</b>
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**ACTION: ADOPTED**



### Board of Education Report

**File #:** Rep-027-21/22, **Version:** 1

#### Update to the School Upgrade Program to Integrate Measure RR Funding and Priorities

**August 24, 2021**

#### Facilities Services Division

##### **Action Proposed:**

Approve updating the School Upgrade Program to integrate Measure RR funding and priorities into its operational framework, by taking the following steps:

1. Approve updated descriptions of the School Upgrade Program categories of need, which reflect the intent and objectives of Measure RR, as shown in Exhibit A.
2. Approve the allocation of \$7,000,000,000 of bond proceeds from Measure RR into the School Upgrade Program.
3. Approve the amounts from Measure RR to be targeted for each updated School Upgrade Program category of need, as shown in Exhibit A.
4. Approve replacing the "Proposed 2020 Bond Funding Priorities Package," the proposed allocation of funds for Measure RR (Exhibit B), which was approved on August 4, 2020 (Board Report No. 016-20/21), with the updated School Upgrade Program framework, as shown in Exhibit C.
5. Approve the proposed Measure RR implementation plan, which is subject to further refinement from staff, as shown in Exhibit D, which will help guide the identification of sites and development of project proposals for each category of need within the School Upgrade Program.

##### **Background:**

Despite the more than \$21.2 billion that has been invested in building new schools and modernizing others, more than 70 percent of Los Angeles Unified School District (Los Angeles Unified or District) school buildings were built more than 50 years ago, and more than \$50 billion of unfunded school facilities and technology needs have been identified Districtwide, and these needs grow every year. Measure RR was placed on the ballot to help address the significant and unfunded needs of Los Angeles public school facilities.

Los Angeles Unified voters approved Measure RR on November 3, 2020, which provides the District with the authority to issue \$7 billion of general obligation bonds to support the continuation of Los Angeles Unified's successful bond program. While Measure RR provides significant funding to continue the work to provide every student with access to a safe, secure, and updated school that supports 21<sup>st</sup> century teaching and learning, it will not allow Los Angeles Unified to address all identified capital school facilities and technology needs. As such, in conjunction with the Board of Education's (Board) action on August 4, 2020 to order an election on November 2, 2020 to authorize the issuance of school bonds in the amount of \$7 billion, it also approved funding priorities for the funds that would be provided by Measure RR, if approved by voters (Exhibit B).

Los Angeles Unified's bond program has been operating under the framework of the School Upgrade Program since January 2014, when the program's focus shifted from constructing new facilities to address decades of overcrowding, to addressing aging existing school facilities. Projects developed under the School Upgrade Program framework are upgrading, modernizing, and replacing aging and deteriorating school facilities, updating technology, and addressing facilities inequities. Initially in 2014, \$7.85 billion was allocated for the development of projects. Over the course of the last seven years new sources of funds have been allocated to the program, increasing the total amount of funds to support the development of projects to \$9.2 billion. Not including Measure RR funds, approximately \$156 million remains available for new projects. Nearly 2,000 projects valued at approximately \$1.5 billion have been funded by the School Upgrade Program and completed by Facilities, and nearly 690 additional projects valued at approximately \$5.4 billion are underway.

This integration of Measure RR funding and priorities into the updated School Upgrade Program operational framework will support the continuation of Los Angeles Unified's successful capital school facilities program, funding flexibility and efficiency, and the effective operation of the bond program. The updated School Upgrade Program framework and the Measure RR Implementation Plan reflect the goals of and priorities for Measure RR, as outlined in the bond language approved by voters and the Proposed 2020 Bond Funding Priorities Package previously adopted by the Board. Moreover, they also reflect the input solicited earlier this year from Community of Schools Administrators and Local District leadership. Through an engagement process, priorities for future investments in school facilities and school technology were identified, including, but not limited to, 21<sup>st</sup> century classrooms, latest computing devices, updated information technology (IT) infrastructure and network including high speed internet, updated buildings systems that are not failing, welcoming and attractive environment, and campuses that are safe and secure. These aforementioned priorities were identified regardless of school type and/or grade level. Prioritizing upgrades at elementary schools to provide a secure front entry and address broken playground pavement and provide green space were also identified. Additionally, the need for competitive athletic amenities were identified as a high priority for attracting and retaining high school students, and specialized facilities such as science labs, career technical education, and arts/music facilities were identified as additional high priorities for secondary schools.

#### **Expected Outcomes:**

Approval of the update to the SUP to integrate Measure RR funding and priorities into its operational framework. Approval will enable staff to develop future projects to upgrade, modernize, and replace aging and deteriorating school facilities, update technology, and address facilities inequities, within specific categories of need and spending targets. As proposed projects are developed, they will be submitted to the Bond Citizens' Oversight Committee (BOC) for its consideration and the Board for its approval.

#### **Board Options and Consequences:**

The Board may approve the proposed update to the SUP, which will enable the development and execution of projects that will provide safe, secure, and updated school facilities that support 21<sup>st</sup> century learning.

If the Board does not approve the proposed update, the development and execution of \$7 billion of future projects to improve school facilities and technology, and address facilities inequities may be delayed, and/or indirect costs may increase. The integration of Measure RR funding and priorities into the updated School Upgrade Program supports funding flexibility and efficiency, and the effective operation of the bond program.

#### **Policy Implications:**

The proposed actions are consistent with the District's long-term goal to address unmet school facilities needs and significantly improve the conditions of aging and deteriorating school facilities as described in the District's local bond measures K, R, Y, Q, and RR.



**Budget Impact:**

The proposed update to the School Upgrade Program increases the spending targets of 14 categories of need, as shown in Exhibit B. For categories of need managed by Facilities, funding, in the amount of 17 percent, has been set-aside for program reserve (seven percent) and indirect program costs (10 percent) to support the successful execution of the program. Indirect program costs may include a share of costs of the election and bond issuance, program planning and analysis, project scoping, bond program management, facilities contracts, finance, accounting, controls, technology services, legislative support, legal support, risk management, supplies and equipment, and other costs permitted by law that are necessary to manage and implement the bond program. The 10 percent set-aside for indirect costs is based on a number of considerations, including the assumption that all new projects enabled by Measure RR, will be completed by Fiscal Year 2031.

This action will also enable approximately \$138 million that was temporarily transferred from the Facilities Program Reserve to support the execution of 16 projects to be returned. Approximately \$55.3 million associated with two projects will be transferred from the major modernizations, upgrades, and reconfigurations to school campuses category of need to the Facilities Program Reserve, and approximately \$82.7 million associated with 14 projects will be transferred from the critical replacements and upgrades of school building/site systems and components category of need to the Facilities Program Reserve.

**Student Impact:**

Integrating Measure RR funds and priorities into the School Upgrade Program will help Los Angeles Unified continue to upgrade, modernize, and replace aging and deteriorating school facilities, update technology, and address facilities inequities in students' schools. These improved facilities will benefit students, providing them with physically and environmentally safe, secure, and updated school facilities that support 21<sup>st</sup> century learning.

**Issues and Analysis:**

This update to the School Upgrade Program will allow staff to bring future bond projects to the BOC for consideration and the Board for action, that align with the proposed Measure RR Implementation Plan and further the intent and purpose of each School Upgrade Program category of need. Board approval authorizes the establishment of program reserves and use of indirect program costs as described above.

Staff manages the appropriate use of all funding sources in their respective Strategic Execution Plans (e.g. Facilities Services Division, Information Technology Division, Transportation Division and the Office of the Inspector General) in a manner that ensures compliance with all applicable laws, regulations, and policies. Measure RR proceeds may be used when necessary to complete projects initiated with funds from Measure K, R, Y, and/or Q as long as the project appears on the Measure RR Bond Project List, as authorized by voters.

The additional funds targeted for each category of need will be added to the overall funding sources of the District's bond program and will provide funding flexibility to the maximum extent possible pursuant to each individual local bond measure as permissible by law. If projects funded by Measure RR were to be developed and executed separately from the School Upgrade Program, it is anticipated that indirect costs would increase, and schedules may be delayed as funding flexibilities would not be permitted.

**Attachments:**

Exhibit A: Update to the School Upgrade Program

Exhibit B: Proposed 2020 Bond Funding Priorities Package

Exhibit C: Updated School Upgrade Program

Exhibit D: Measure RR Proposed Implementation Plan

**Informatives:**

None.

**Submitted:**

08/06/21

**RESPECTFULLY SUBMITTED,**



MEGAN K. REILLY  
Interim Superintendent

**APPROVED BY:**



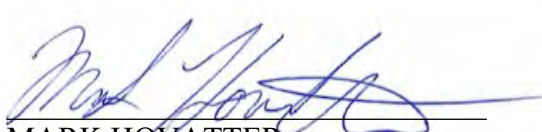
PEDRO SALCIDO  
Interim Deputy Superintendent

**REVIEWED BY:**



DEVORA NAVERA REED  
General Counsel

**APPROVED BY:**



MARK HOVATTER  
Chief Facilities Executive  
Facilities Services Division

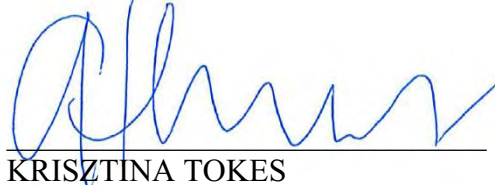
☒ Approved as to form.

**REVIEWED BY:**



TONY ATIENZA  
Director, Budget Services and Financial Planning

**PRESENTED BY:**



KRISZTINA TOKES  
Deputy Chief Facilities Executive  
Facilities Services Division

☒ Approved as to budget impact statement.

## UPDATE TO THE SCHOOL UPGRADE PROGRAM

*Upgrading, Building, and Repairing School Facilities to Improve Student Health, Safety, and Educational Quality*

*Upgrading, Modernizing, and Replacing Aging and Deteriorating School Facilities, Updating Technology and Addressing School Facilities Inequities*

CATEGORIES OF NEED GOALS DRIVING PROJECT DEVELOPMENT	Spending Target for Projects *	Spending Target Transfer	Remaining Available **	Additional Scope to Target (Measure RR)	Less Facilities- Managed Program Reserve and Indirect Costs	New Available Spending Target
<b>FACILITIES SERVICES DIVISION STRATEGIC EXECUTION PLAN</b>						
Major Modernizations, <del>Buildings</del> Upgrades and Reconfigurations to School Campuses	\$4,064,835,547		\$1,761,192	\$2,880,000,000	\$489,600,000	\$2,392,161,192
Critical Replacements and Upgrades of School Repair and Safety Improvements to School Building/Site Systems and Components	\$1,254,619,142		\$13,692,586	\$1,530,000,000	\$260,100,000	\$1,283,592,586
Leverage Partnerships to Provide After School Activities & Programming and Community Use of Facilities	\$73,888,740	(\$73,888,740)	\$0	\$0	\$0	\$0
IT School Network Infrastructure Upgrades Executed by FSD	\$169,917,977		\$0	\$0	\$0	\$0
Modernize and Repair School Cafeterias Upgrades	\$109,137,718		(\$4,954,178)	\$195,500,000	\$33,235,000	\$157,310,822
School Upgrades and Reconfigurations to Support Specialized Instructional Programs Wellness, Health, Athletics, Learning, and Efficiency	\$136,742,765	\$73,888,740	\$4,432,980	\$330,400,000	\$56,168,000	\$278,664,980
Build New and Repair Aging Early Childhood Education Centers Facilities Upgrades and Expansions	\$65,689,144		\$3,614,159	\$130,300,000	\$22,151,000	\$111,763,159
Provide Adult and Career Education Facilities Upgrades	\$61,734,510		\$5,676,196	\$130,300,000	\$22,151,000	\$113,825,196
Renovate Special Education Centers – Compliance with ADA Title II ADA Transition Plan Implementation	\$579,041,989		\$10,296,733	\$430,000,000	\$73,100,000	\$367,196,733
Districtwide Charter School Facilities Upgrades and Expansions	\$236,273,902		\$60,478,337	\$450,000,000	\$76,500,000	\$433,978,337
Board Member Priority Projects	\$24,305,596		\$16,747,251	\$35,000,000	\$5,950,000	\$45,797,251
Local District Priority Projects	\$28,983,409		\$21,624,639	\$35,000,000	\$5,950,000	\$50,674,639
<b>INFORMATION TECHNOLOGY DIVISION STRATEGIC EXECUTION PLAN</b>						
Technology Infrastructure and System Upgrades – ISIS, Core IT Network Upgrades, Disaster Recovery Systems	\$476,511,620		\$1,228,931	\$597,532,424		\$598,761,355
Upgrade and Equip Schools with 21st Century Technology –IFI	\$259,258,983		\$75,680,120	\$182,467,576		\$258,147,696
Upgrade Districtwide Emergency Radio System Servicing Schools	\$38,088,895		\$0	\$0		\$0
<b>TRANSPORTATION SERVICES STRATEGIC EXECUTION PLAN</b>						
Replace Aging and Polluting School Buses	\$33,375,000		\$1,381,976	\$33,500,000		\$34,881,976
<b>OFFICE OF THE INSPECTOR GENERAL</b>						
Conduct Ongoing Inspector General Independent Audits of Bond Projects	\$40,000,000		\$16,207,689	\$40,000,000		\$56,207,689
<b>TOTAL</b>			<b>\$227,868,611</b>	<b>\$7,000,000,000</b>	<b>\$1,044,905,000</b>	<b>\$6,182,963,611</b>

\*Includes all actions that modified the amount available for direct projects since the inception of the SUP in January 2014

\*\* As of 6/30/21 for Facilities managed programs and OIG, 6/30/21 for Transportation and 3/31/21 for ITD

**PROPOSED 2020 BOND FUNDING PRIORITIES PACKAGE**

<b>PRIORITIES</b>	<b>SPENDING TARGET</b>	<b>EXAMPLES OF PROJECT TYPES/WORK TO BE UNDERTAKEN</b>
Upgrade and/or retrofit old and outdated school campuses to create 21st century learning environments while upgrading earthquake safety and environmental sustainability	\$2,980,000,000	<ul style="list-style-type: none"> <li>- Comprehensive modernizations</li> <li>- Seismic modernizations</li> <li>- Portable replacements</li> <li>- Portable removals and restoration/upgrades to school grounds</li> <li>- School addition projects</li> </ul>
Upgrade deteriorating and outdated school building systems, grounds, furniture, and equipment to reduce safety hazards, complete necessary updates in schools, and provide clean, renewable energy improvements	\$1,530,000,000	<ul style="list-style-type: none"> <li>- Roofing replacements/upgrades</li> <li>- HVAC replacements/upgrades</li> <li>- Plumbing replacements/upgrades</li> <li>- Electrical and lighting replacements/upgrades</li> <li>- Asphalt replacements/upgrades</li> <li>- Seismic retrofits</li> <li>- Installation of camera and buzzer system at front entrance</li> <li>- Replace existing synthetic turf fields</li> <li>- Replacement of unsafe school furniture</li> </ul>
Ensure buildings are fully compliant with accessibility standards, meeting the needs of all students and staff and making them accessible to the entire community	\$430,000,000	<ul style="list-style-type: none"> <li>- Accessibility enhancement projects</li> <li>- Rapid access program projects</li> </ul>
Enhance and expand learning, wellness, and athletic/recreational opportunities, and provide a more energy/water efficient environment	\$300,400,000	<ul style="list-style-type: none"> <li>- Construct new and/or upgrade schools to support instructional programs</li> <li>- Construct new and/or upgrade athletic and recreational fields, tracks, courts and stadiums</li> <li>- Construct new and/or expand school-based wellness clinics</li> <li>- Construct and/or upgrade renewable, sustainable and efficient energy and/or water systems, equipment and features</li> </ul>
Provide safe, upgraded early childhood education facilities by constructing outdoor learning classrooms, replacing deteriorating school building systems, and/or providing additional capacity by rehabilitating closed centers and/or reconstructing existing spaces to meet early education standards	\$130,300,000	<ul style="list-style-type: none"> <li>- Construct outdoor learning classrooms</li> <li>- Replace/upgrade deteriorating school building systems, components, and grounds</li> <li>- Provide additional capacity by rehabilitating closed centers and/or upgrading spaces at underutilized schools to meet early education standards</li> </ul>
Replace/upgrade adult and career centers so they are safe, functional, support 21st century learning, and align with regional industry sectors and career pathways	\$130,300,000	<ul style="list-style-type: none"> <li>- Install wireless convergence systems</li> <li>- Equip schools with individual computing devices</li> <li>- Replace and/or upgrade deteriorating school building systems and grounds</li> <li>- Replace and/or upgrade career technical education classrooms</li> </ul>

**PROPOSED 2020 BOND FUNDING PRIORITIES PACKAGE**

<b>PRIORITIES</b>	<b>SPENDING TARGET</b>	<b>EXAMPLES OF PROJECT TYPES/WORK TO BE UNDERTAKEN</b>
Upgrade, modernize and/or construct charter school facilities	\$450,000,000	<ul style="list-style-type: none"> <li>- Augmentation grant program projects</li> <li>- Proposition 39 renovation projects</li> <li>- New/upgrades to athletic fields/gyms</li> <li>- Update technology</li> <li>- Replace and/or upgrade deteriorating school building systems, school grounds, furniture and equipment</li> <li>- Build, upgrade, and/or modernize deteriorating and outdated school buildings and sites</li> <li>- Improve school safety, security, network, and emergency communications systems</li> </ul>
Replace/upgrade aging, undersized, and inadequate school cafeterias	\$195,500,000	<ul style="list-style-type: none"> <li>- Replace hot shacks with new updated cafeterias that meet current health and safety codes</li> <li>- Install A/C in cafeteria kitchens and serving areas</li> <li>- Replace and/or upgrade cafeteria equipment</li> <li>- Upgrade Cafeteria Management System</li> </ul>
Improve school safety, security, network, and emergency communications systems	\$375,000,000	<ul style="list-style-type: none"> <li>- Replace and/or install intrusion alarm systems</li> <li>- Replace and/or install surveillance systems</li> <li>- Replace and/or install outdated telephone systems, public address/intercommunications systems, and network systems at schools</li> </ul>
Furnish and equip schools with 21st century learning technologies, and upgrade/install technology infrastructure, information systems, hardware and software	\$405,000,000	<ul style="list-style-type: none"> <li>- Purchase and equip schools with mobile learning devices</li> <li>- Upgrade schools with interactive screens/whiteboards/monitors</li> <li>- Upgrade classrooms and other indoor and outdoor learning spaces to incorporate current learning technologies to accommodate anytime, anywhere learning</li> <li>- IT infrastructure modernization/development of data reporting system</li> <li>- Implement cloud computing</li> <li>- Provide new and/or upgrade existing IT applications</li> <li>- Procure and/or implement applications that support remote learning</li> </ul>
Replace outdated and inefficient school buses to meet 21st century environmental and safety standards	\$33,500,000	<ul style="list-style-type: none"> <li>- Replace compressed existing natural gas and diesel buses with safe, energy efficient buses equipped with wireless internet capability</li> </ul>
Ensure oversight and accountability of bond expenditures	\$40,000,000	<ul style="list-style-type: none"> <li>- Office of the Inspector General audits, reviews, and investigations</li> </ul>
<b>TOTAL</b>	<b>\$7,000,000,000</b>	

Spending target amounts are for direct projects costs, Program Reserve and indirect program costs that support projects.



# UPDATED SCHOOL UPGRADE PROGRAM

*Upgrading, Modernizing, and Replacing Aging and Deteriorating School Facilities, Updating Technology and Addressing School Facilities Inequities*

CATEGORIES OF NEED GOALS DRIVING PROJECT DEVELOPMENT	Spending Target for Projects *	Remaining Available **	Additional Scope to Target (Measure RR)	Less Facilities- Managed Program Reserve and Indirect Costs	New Available Spending Target
<b>FACILITIES SERVICES DIVISION STRATEGIC EXECUTION PLAN</b>					
Major Modernizations, Upgrades, and Reconfigurations to School Campuses	\$4,064,835,547	\$1,761,192	\$2,880,000,000	\$489,600,000	\$2,392,161,192
Critical Replacements and Upgrades of School Building/Site Systems and Components	\$1,254,619,142	\$13,692,586	\$1,530,000,000	\$260,100,000	\$1,283,592,586
IT School Network Infrastructure Upgrades Executed by FSD	\$169,917,977	\$0	\$0	\$0	\$0
School Cafeteria Upgrades	\$109,137,718	(\$4,954,178)	\$195,500,000	\$33,235,000	\$157,310,822
School Upgrades and Reconfigurations to Support Wellness, Health, Athletics, Learning, and Efficiency	\$136,742,765	\$4,432,980	\$330,400,000	\$56,168,000	\$278,664,980
Early Childhood Education Facilities Upgrades and Expansions	\$65,689,144	\$3,614,159	\$130,300,000	\$22,151,000	\$111,763,159
Adult and Career Education Facilities Upgrades	\$61,734,510	\$5,676,196	\$130,300,000	\$22,151,000	\$113,825,196
ADA Transition Plan Implementation	\$579,041,989	\$10,296,733	\$430,000,000	\$73,100,000	\$367,196,733
Charter School Facilities Upgrades and Expansions	\$236,273,902	\$60,478,337	\$450,000,000	\$76,500,000	\$433,978,337
Board Member Priority Projects	\$24,305,596	\$16,747,251	\$35,000,000	\$5,950,000	\$45,797,251
Local District Priority Projects	\$28,983,409	\$21,624,639	\$35,000,000	\$5,950,000	\$50,674,639
<b>INFORMATION TECHNOLOGY DIVISION STRATEGIC EXECUTION PLAN</b>					
Technology Infrastructure and System Upgrades	\$476,511,620	\$1,228,931	\$597,532,424		\$598,761,355
Upgrade and Equip Schools with 21st Century Technology	\$259,258,983	\$75,680,120	\$182,467,576		\$258,147,696
Upgrade Districtwide Emergency Radio System Servicing Schools	\$38,088,895	\$0	\$0		\$0
<b>TRANSPORTATION SERVICES STRATEGIC EXECUTION PLAN</b>					
Replace Aging and Polluting School Buses	\$33,375,000	\$1,381,976	\$33,500,000		\$34,881,976
<b>OFFICE OF THE INSPECTOR GENERAL</b>					
Conduct Inspector General Independent Audits of Bond Projects	\$40,000,000	\$16,207,689	\$40,000,000		\$56,207,689
<b>TOTAL</b>		<b>\$227,868,611</b>	<b>\$7,000,000,000</b>	<b>\$1,044,905,000</b>	<b>\$6,182,963,611</b>

\*Includes all actions that modified the amount available for direct projects since the inception of the SUP in January 2014

\*\* As of 6/30/21 for Facilities managed programs and OIG, 6/30/21 for Transportation and 3/31/21 for ITD

## MEASURE RR PROPOSED IMPLEMENTATION PLAN

PROJECT TYPE	DESCRIPTION	ANTICIPATED INVESTMENT	ANTICIPATED PRIORITIZATION
<b>FACILITIES SERVICES DIVISION STRATEGIC EXECUTION PLAN</b>			
<b>Major Modernizations, Upgrades, and Reconfigurations to School Campuses - \$2.39B</b>			
<b>Major Modernizations</b>	Major modernizations anticipated at seven schools. These multi-phased projects may include some or all of the following, but are not limited to, addressing earthquake safety (seismic retrofit, seismic modernization and/or replacement) providing 21st century general and specialty classrooms, upgrading accessibility, removing/replacing relocatable buildings, addressing failing building systems and grounds, landscape upgrades, physical security upgrades, and various site upgrades.	+/- \$840M	Sites deemed to be in the greatest need based on an assessment of 10 weighted facilities-based datasets that best express a school's physical condition. Each Board Member selects one site from the top 10 percent of sites with the greatest need. During the project development phase, feeder pattern schools may also be assessed and consideration given to addressing some of their needs at the selected site.
<b>Classroom Replacement Projects</b>	Classroom replacements anticipated at approximately 12 schools. Project scopes may include, but are not limited to, removal/demolition of uncertified portables and those w/structural deficiencies and failing building systems, construction of permanent classroom buildings (general and specialty classrooms and labs), accessibility upgrades, various site upgrades including landscaping/greening, and exterior paint on all buildings.	+/- \$720M	Assessment of school sites' reliance on portable classroom buildings that are not certified by the Division of the State Architect and/or have structural deficiencies. Each Local District, in collaboration with stakeholders, selects two sites from the Facilities generated list.
<b>Classroom Upgrades</b>	Upgrade +/- 2,300 classrooms at approximately 50 schools. Project scopes may include, but are not limited to, projectors and smart/white boards, flexible furniture, electrical upgrades and additional outlets, window blinds, interior paint, removal of asbestos floor tiling, and accessibility upgrades as necessary. The work will not include the moving of walls or the replacement of ceilings or lighting.	+/- \$350M	Each Local District, working with Facilities, and in consultation with stakeholders selects schools.  \$175M distributed evenly -- ~\$29.17M will be available for each Local District to allocate to projects "now". Remaining \$175M distributed in subsequent years based on student and/or facilities equity index at the time.
<b>Projects Previously Authorized for Pre-Construction Activities</b>	Authorization of construction activities for eight classroom replacement projects previously authorized for pre-construction and limited construction activities. These projects were identified to ensure compliance with State requirements regarding eliminating the use of Department of Housing (DOH) relocatable buildings as school buildings.	+/- \$265M	Project sites already identified at the following elementary schools: Amestoy, Canyon Charter, Castle Heights, Delevan Drive, Dixie Canyon, Franklin, Ivanhoe, and South Shores Performing Arts Magnet ( <i>projects at Amestoy and South Shores Performing Arts Magnet were previously approved by the Board for full construction activities and temporarily funded with Facilities Program Reserve</i> ).
<b>Safe and Welcoming Outdoor Learning Spaces Projects</b>	Project scopes may include, but are not limited to, removal of relocatable buildings (no replacement), creation of approximately 2,000 square foot outdoor learning space, attractive landscape (trees & pavers), shaded seating areas, internet connectivity, water/sink if infrastructure is already in place, and accessibility improvements.	+/- \$50M, with possible third party funding to expand investments	Projects will be identified annually based on an assessment of various datasets, such as, amount of play area and green space, underutilized relocatable classrooms, and limited accessibility to a public park (more than a 10-minute walk).
<b>Campus Upgrades and Alterations</b>	Projects may either upgrade and/or alter school facilities to support efforts to realign and/or unify schools and programs.	+/- \$50M	Projects will be identified in response to District, Local District and/or Community of School efforts.

\*All projects require legal review to determine bond eligibility, inclusion in an SEP identifying a defined budget, scope and schedule, consideration by the Bond Citizens' Oversight Committee, and approval by the Board of Education.

## MEASURE RR PROPOSED IMPLEMENTATION PLAN

PROJECT TYPE	DESCRIPTION	ANTICIPATED INVESTMENT	ANTICIPATED PRIORITIZATION
<b>Critical Replacements and Upgrades of School Building/Site Systems &amp; Components - \$1.27B</b>			
<b>Replace Building Systems and Components</b>	Replace critical building systems and components that create safety concerns and are disruptive to school operations, including, but not limited to, plumbing, HVAC, roofing, paving, and synthetic turf.	+/- \$800M	Remaining service life and condition -- systems in the worst condition, especially those that pose a safety hazard and/or will negatively impact school operations and other building systems if not addressed will be addressed first.
<b>Playground and Campus Exterior Upgrades</b>	Playground and campus exterior upgrades anticipated at approximately 50 elementary schools. Project scopes may include, but are not limited to, replacement and upgrade of asphalt playgrounds and other areas, installation of landscaping, trees, and greening, cool coating painting in playground area(s), exterior paint on all buildings, and installation of privacy fencing.	+/- \$200-300M	Sites will be selected based on remaining service life and condition. Sites that have playground asphalt in the worst condition will be prioritized.
<b>Secure Entrance</b>	Install camera/buzzer at visitor entrance/office at approximately 300 elementary schools.	+/- \$15M	All elementary school sites that do not have a secure entrance. Local Districts, Community of Schools Administrators, and/or Board Offices, in consultation with stakeholders, could select which site(s) are prioritized to be addressed first.
<b>School Cafeteria Upgrades - \$162M</b>			
<b>Cafeteria HVAC</b>	Installation of HVAC in 130 +/- school cafeterias anticipated.	TBD	Sites will be prioritized based on heat index (hottest sites prioritized first).
<b>Upgrade Cafeteria Management System</b>	Replace outdated Cafeteria Management System utilized in all cafeterias with new technology. Project scope includes, but may not be limited to, software change, new hardware and accessories including student pin pads and touch screen monitors.	TBD	All schools anticipated to receive upgraded system.
<b>Modernize Serving Lines</b>	Up to 87 cafeterias at secondary school sites may be modernized to current standards, with a 21st century look and additional self- service lines which will allow more students to be served in the same allotted meal service period.	TBD	Sites will be prioritized based on maximum participation rates.
<b>Central Food Production Facility</b>	As allowed by law, explore the possibility of constructing a fully equipped central food production facility that is capable of producing 500,000 freshly cooked home meals daily for schools.	TBD	TBD

## MEASURE RR PROPOSED IMPLEMENTATION PLAN

PROJECT TYPE	DESCRIPTION	ANTICIPATED INVESTMENT	ANTICIPATED PRIORITIZATION
<b>School Upgrades and Reconfigurations to Support Wellness, Health, Athletics, Learning, and Efficiency - \$274M</b>			
<b>Upgrade High School Competitive Athletic Facilities</b>	Project scopes to be developed based on conditions and needs of selected site(s). Projects may upgrade existing athletic facilities and/or construct new facilities. Projects may address, but are not limited to, stadium lights, scoreboards, bleachers, restrooms, concession stands and ticket booths, synthetic tracks, turf or grass fields, and electronic backboards. Projects may not include the purchase of land or removal/replacement of other buildings that would require replacement. Synthetic fields necessitate issuing a Request for Proposals to solicit a joint use partner to provide capital funding for installation and /or replacement.	+/- \$180M	Each Board Member, in consultation with stakeholders, works with Facilities staff to develop a plan for competitive high school athletic upgrades. The allocation of funds is based on each Board District's proportionate share of high school enrollment and number of sports teams.  BD-1: \$18,175,313 -- BD-2: \$33,646,281-- BD-3: \$22,641,932 -- BD-4: \$16,290,100 -- BD-5: \$31,128,575 -- BD-6: \$28,927,635 -- and BD-7: \$29,190,164
<b>Wellness Centers</b>	Projects may include the construction of new centers and/or the addition or expansion of existing centers.	+/- \$50M	Student Health and Human Services (SHHS) will identify areas of need based on an assessment of existing healthcare resources in relation to areas of highest need determined by health, economic, and neighborhood factors. Facilities will support SHHS in the identification of project sites and development of projects.
<b>Projects Previously Authorized for Pre-Construction Activities</b>	Authorization of construction activities for two projects that address specialized instructional needs. Wilson High School Visual and Performing Arts Facilities Improvement Project and Verdugo Hills High School New Chemistry Laboratory Building Project were previously authorized for pre-construction activities.	+/- \$30M	Sites and projects already identified at Wilson High School and Verdugo Hills High School.
<b>Sustainable Environment Enhancement Developments for Schools (SEEDS)</b>	There are two components to the SEEDS program. The first component is development of the outdoor learning space constructed by the District and includes capital investments, such as asphalt removal, installation of irrigation and utilities, and any associated testing and inspection. The second component, is the collaboration with a school site and/or partner organization that will outfit the outdoor learning space with the plant materials and landscaping features that align with the school's instructional vision and program.	+/- \$5M	Projects identified through proposals submitted by partners and/or schools. Projects must be integrated into the curriculum and resources available to outfit and maintain the outdoor learning space.
<b>Projects to Support Implementation of Partner Funded Programs/Projects</b>	Identified, as necessary, to support implementation of partner funded programs/projects which may require funding assistance to address necessary unforeseen conditions and/or code requirements.	+/- \$5M	A formal process and guidelines will be developed.

## MEASURE RR PROPOSED IMPLEMENTATION PLAN

PROJECT TYPE	DESCRIPTION	ANTICIPATED INVESTMENT	ANTICIPATED PRIORITIZATION
<b>Early Childhood Education Facilities Upgrades and Expansions - \$108M</b>			
<b>Outdoor Classrooms</b>	Construction of 30 +/- outdoor classrooms. Project scope may include, but is not limited to, construction of learning/activity stations, conversion of asphalt and playground area into dynamic nature-based learning environments, accessibility upgrades, and any other required improvements or mitigations to ensure compliance with school building codes.	TBD	Schools are prioritized based on proximity and access to safe public green space areas.
<b>Replace/Upgrade Building Systems and Components</b>	Replace critical building systems and components that create safety concerns and are disruptive to school operations, including, but not limited to, paving, plumbing, HVAC, roofing, and synthetic turf.	TBD	Remaining service life and condition, systems in the worst condition, especially those that pose a safety hazard and/or will negatively impact school operations and other building systems if not addressed, will be addressed first.
<b>Upgrades, Expansions and/or Additions</b>	Upgrades, expansions, and/or additions to existing early childhood education (ECE) centers and/or elementary schools to create age appropriate facilities for youngest learners.	TBD	TBD. Assessment of multiple factors anticipated, including ECE waitlists, birthrates, available elementary school classroom capacity, size of sites and available site acreage.
<b>Adult and Career Education Facilities Upgrades - \$108M</b>			
<b>Upgrade School Information Technology Systems and Equipment</b>	Upgrade wireless convergence systems and computing devices.	TBD	Goal is to address all sites, prioritization likely based on an assessment of enrollment and access.
<b>Replace/Upgrade Building Systems and Components</b>	Replace critical building systems and components that create safety concerns and are disruptive to school operations, including, but not limited to, paving, plumbing, HVAC, and roofing.	TBD	Remaining service life and condition, systems in the worst condition, especially those that pose a safety hazard and/or will negatively impact school operations and other building systems if not addressed, will be addressed first.
<b>Upgrades, Expansions, and/or Additions</b>	Upgrades, expansions, and/or additions to existing Division of Adult and Career Education (DACE) centers, sites, and/or schools to support the expansion of career technical program offerings and/or enrollment.	TBD	DACE will work with Facilities to assess the conditions and adequacy of facilities, program demands, and enrollment, and develop a strategic facilities plan for DACE facilities.
<b>Americans with Disabilities Act (ADA) Transition Plan Implementation - \$357M</b>			
<b>Accessibility Enhancements</b>	Projects remove barriers to accessibility and further Los Angeles Unified efforts to implement Self-Evaluation and Transition Plan and comply with ADA Title II program accessibility requirements.	+/- \$347M	Schools are prioritized based on assessments of more than two dozen criteria, including school programs, matriculation options, geographic location, known (or anticipated/matriculating) population of students with disabilities or parents/guardians with disabilities, type of instructional model, and public input.
<b>Rapid Access Program (RAP)</b>	RAP projects include minor installments and adjustments to facilities to ensure a barrier-free learning environment as required by the ADA and have a budget cap of \$250,000 per project, pursuant to authority delegated by the Board to Facilities staff.	+/- \$10M	Projects are developed by Facilities in consultation with the Division of Special Education and school administrators. Projects are identified and executed pursuant to delegated authority provided to Facilities staff.

**MEASURE RR PROPOSED IMPLEMENTATION PLAN**

PROJECT TYPE	DESCRIPTION	ANTICIPATED INVESTMENT	ANTICIPATED PRIORITIZATION
<b>Charter School Facilities Upgrades and Expansions - \$374M</b>			
<b>Education Code Section 47614 Annual Renovation Projects</b>	Projects are developed to fulfill the District's responsibilities pursuant to Proposition 39, that it provide all charter schools operating within the District that submitted a legally sufficient facilities request, facilities in conditions reasonably equivalent to those in which the charter students would be accommodated if they were attending other District public schools. Scopes may include, but are not limited to, facilities renovations, technology, furniture and equipment, and communication/safety systems, purchases and upgrades. The scope, schedule, and budget of the work to be undertaken at each school site varies depending on site conditions and needs.	TBD	Projects are developed annually in response to charter schools that submitted a legally sufficient facilities request, pursuant to Proposition 39, to the District and may locate on District school sites each year.
<b>Proposition 39 Co-Location Campus Upgrade Program</b>	Projects are developed to be utilized by both the District school and the charter school co-located on the District site. Project scopes include, but are not limited to, safety and security, sustainability and greening, technology, playgrounds, and furnishings and equipment.	TBD	Annually, District school sites with a new Proposition 39 charter co-location are prioritized for an upgrade project. Projects valued at up-to \$100,000 are selected by both the principal of the District school and the co-located charter school.
<b>Replace/Upgrade Building Systems and Components</b>	TBD, projects will likely replace critical building systems and components that create safety concerns and are disruptive to school operations, including, but not limited to, paving, plumbing, HVAC, and roofing.	TBD	TBD, subject to assessment of the conditions and needs of the building systems and components of Los Angeles Unified school facilities operated by a charter school(s), input from charter school community, and development of an implementation plan by District staff. Sites likely based on remaining service life and condition, systems in the worst condition will be addressed first.
<b>Upgrade School Information Technology Systems and Equipment</b>	TBD	TBD	TBD, subject to assessment of the conditions and needs of technology infrastructure and equipment at Los Angeles Unified school facilities operated by a charter school(s), input from charter school community, and development of an implementation plan by District staff.
<b>Upgrade/Modernize Buildings and Campuses</b>	TBD	TBD	TBD, subject to assessment of the conditions and needs of Los Angeles Unified school facilities operated by a charter school(s), input from charter school community, and development of an implementation plan by District staff.
<b>Augmentation Grant Program</b>	TBD, project scopes will likely vary, depending on updated program criteria and charter school applications.	TBD	TBD, subject to assessment of the conditions and needs of Los Angeles Unified school facilities operated by a charter school(s), input from charter school community, and development of an implementation plan by District staff. Sites likely identified based on charter school/operator applications that meet program criteria.



## MEASURE RR PROPOSED IMPLEMENTATION PLAN

PROJECT TYPE	DESCRIPTION	ANTICIPATED INVESTMENT	ANTICIPATED PRIORITIZATION
<b>Board Member Priority Projects - \$29M</b>			
<b>Priority Projects Identified by Board Members</b>	Project descriptions will vary based on need.	\$29M	Projects identified by Board Member offices. Funding distributed to each Board Member office annually based on the Facilities Allocation Tool that considers the following factors: square footage of buildings at K-12 sites, K-12 student enrollment, number of physical sites, and Facilities Condition Index (FCI). Funds are anticipated to be allocated over a period of eight years beginning in calendar year 2021.
<b>Local District Priority Projects - \$29M</b>			
<b>Priority Projects Identified by Local Districts</b>	Project descriptions will vary based on need.	\$29M	Projects identified by Local District offices. Funding distributed to each Local District office annually based on the Facilities Allocation Tool that considers the following factors: square footage of buildings at K-12 sites, K-12 student enrollment, number of physical sites, and Facilities Condition Index (FCI). Funds are anticipated to be allocated over a period of eight years beginning in calendar year 2021.
<b>INFORMATION TECHNOLOGY DIVISION STRATEGIC EXECUTION PLAN</b>			
<b>Technology Infrastructure and System Upgrades - \$597.5M</b>			
<b>Replace Outdated Information Technology Systems at Schools</b>	Projects may include, but are not limited to, the replacement of outdated and/or installation of new network, telephone, public address, intercommunications and security systems at schools.	+/- \$597.5M	Sites selected based on SAFETI assessment: system condition, available parts, failure rates, end-of-support, technology options and incidents.
<b>Upgrade and Equip Schools with 21st Century Technology - \$182.5M</b>			
<b>Equip Schools with Up-to-Date Student Devices</b>	All student devices will be replaced with up-to-date devices once remaining service life is reached.	+/- \$105M	Age of device.
<b>Upgrade IT Infrastructure and Core Network Upgrades</b>	Projects will upgrade various IT infrastructure and core network upgrades to ensure schools can support 21st century technology and learning spaces.	+/- \$45.3M	IT Infrastructure upgrades required to facilitate instructional program.
<b>Application Modernization</b>	Projects will modernize the District's application portfolio and begin migration of District applications to the cloud.	+/- \$32.2M	Alignment with IT Strategic Plan.
<b>TRANSPORTATION SERVICES STRATEGIC EXECUTION PLAN</b>			
<b>Replace Aging and Polluting School Buses - \$33.5 M</b>			
<b>Replace School Buses</b>	Replace aging and outdated school buses with new buses that meet alternative fueling infrastructure requirements.	\$33.5M	Bus type and age, student composition, transportation program requirements, and adherence to state and federal emissions requirements.
<b>OFFICE OF THE INSPECTOR GENERAL</b>			
<b>Conduct Inspector General Independent Audits of Bond Projects - \$40M</b>			
<b>Audits</b>	Performance and contract audits on bond related projects/programs	\$40M	Audits selected based on annual OIG work plan, risk assessment process, and/or randomly selected.

# Green Schoolyards for All Plan

## Prioritization Methodology

The criteria used to prioritize capital improvements that address the District's goal of providing students with green/natural spaces, as focused in the *"Green Schools for All Resolution"*, is developed as follows:

- 1) Special focus on elementary schools with 10% or less green/natural schoolyards**
- 2) Focus on schools within communities in greatest need for the benefits of green/natural schoolyards**

Based on the established priority goals, approximately 200 elementary schools are identified as having 10% or less green/natural schoolyards. The calculation measures each elementary school's schoolyard and the green/natural features within the schoolyard. The calculation establishes an eligibility list of "Priority Schools" all having 10% or less green/natural schoolyards. The Priority Schools list is based on current information collected in the District's CAFM database. The data is continually updated and as upgrades are made at school sites and/or new information is identified school sites may move into or out of the eligibility list.

Prioritizing within the eligibility list is further accomplished by assigning a ranking based on a weighted calculation of 75% applied to the CalEnviroScreen (CES) score and 25% applied to the Extreme Heat Temperature score. These scoring factors demonstrate the priority need for targeting initial resources in communities with the greatest need for green/natural schoolyards, as follows:

- 1) "The CalEnviroScreen (CES) is a mapping tool and dataset that helps identify California communities that are most affected by many sources of pollution, and where people are often especially vulnerable to pollution's effects. It uses environmental, health, and socioeconomic information to produce scores for every census tract in the state. The scores are mapped so that different communities can be compared. An area with a high score is one that experiences a much higher pollution burden than areas with low scores. CES ranks communities based on data that are available from state and federal government sources. Latest updated was made in October 2021"**<sup>1</sup>
- 2) "Extreme Heat Temperature is a tool and dataset that explores the temperature of extreme heat days. This data is derived from daily maximum temperature, 30-year average for 1976-2005, that includes baseline, mid-century, and late-century projections by 6km grid cell."**<sup>2</sup>

1. The Office of Environmental Health Hazard Assessment (OEHHa) & California Environmental Protection Agency (CalEPA) - CalEPA asked OEHHa to develop CalEnviroScreen to identify communities suffering from cumulative impacts of multiple pollutants and people who are vulnerable to pollution's effects. Source: <https://oehha.ca.gov/calenviroscreen/report/calenviroscreen-40>

2. The Cal-Adapt Analytics Engine is a climate data platform developed for California's Fifth Climate Change Assessment. Use cloud computing resources to access downscaled CMIP6 climate data and analytics co-produced by stakeholders, policy makers, scientists and developers.

# All ES Evaluated for GSY Plan - List by Schoolyard Percentage Green

#	Site Name	Board District	Region	Site Type	Schoolyard % Green
1	WADSWORTH EL	5	East	EL	0.00%
2	EUCLID EL	2	East	EL	0.00%
3	SIERRA PARK EL	2	East	EL	0.00%
4	WEIGAND EL	7	South	EL	0.34%
5	GRANT EL	5	West	EL	0.45%
6	CIMARRON EL	1	South	EL	0.51%
7	MIDDLETON EL	5	East	EL	0.52%
8	ROWAN EL	2	East	EL	0.54%
9	BURBANK EL	3	North	EL	0.59%
10	ANN EL	2	East	EL	0.61%
11	BRIDGE EL	2	East	EL	0.62%
12	PURCHE EL	7	South	EL	0.71%
13	HILLSIDE EL	2	East	EL	0.90%
14	59TH ST EL	1	South	EL	0.93%
15	FRIES EL	7	South	EL	1.04%
16	6TH AVE EL	1	West	EL	1.08%
17	95TH ST EL	1	South	EL	1.11%
18	GLENFELIZ BLVD EL	5	West	EL	1.11%
19	TOWNE EL	7	South	EL	1.19%
20	CASTELAR EL	2	East	EL	1.24%
21	MCKINLEY EL	7	South	EL	1.26%
22	FRANKLIN EL	2	West	EL	1.28%
23	KING JR EL	1	South	EL	1.28%
24	VAN NUYS EL	3	North	EL	1.30%
25	LOS ANGELES EL	5	West	EL	1.39%
26	109TH ST EL	7	South	EL	1.43%
27	PLAINVIEW EL	6	North	EL	1.47%
28	SOTO EL	2	East	EL	1.49%
29	PLUMMER EL	6	North	EL	1.56%
30	BRIGHT EL	1	West	EL	1.71%
31	DENKER EL	7	South	EL	1.77%
32	DOLORES EL	7	South	EL	1.78%
33	BONITA EL	7	South	EL	1.83%
34	GRAPE EL	7	South	EL	1.89%
35	FORD BLVD EL	2	East	EL	1.90%
36	AMESTOY EL	7	South	EL	1.94%
37	LELAND EL	7	South	EL	1.97%
38	116TH ST EL	7	South	EL	2.03%
39	LANE EL	2	East	EL	2.03%
40	74TH ST EL	1	South	EL	2.07%
41	7TH ST EL	7	South	EL	2.08%
42	CAHUENGA EL	5	West	EL	2.12%
43	DENA EL	2	East	EL	2.26%
44	52ND ST EL	1	South	EL	2.29%
45	HELIOTROPE EL	5	East	EL	2.30%
46	ESHELMAN EL	7	South	EL	2.32%
47	CHEREMOYA EL	5	West	EL	2.39%
48	CARSON EL	7	South	EL	2.39%
49	LANGDON EL	6	North	EL	2.40%
50	JONES PC, DR JAMES EDWARD	1	South	EL	2.43%
51	49TH ST EL	7	East	EL	2.45%
52	VERMONT EL	1	South	EL	2.47%
53	GARVANZA EL	2	East	EL	2.49%
54	WARNER EL	4	West	EL	2.50%
55	LOCKWOOD EL	2	West	EL	2.54%
56	AVALON GARDENS EL	7	South	EL	2.58%
57	ROSEMONT EL	2	East	EL	2.61%

# All ES Evaluated for GSY Plan - List by Schoolyard Percentage Green

#	Site Name	Board District	Region	Site Type	Schoolyard % Green
58	WOODCREST EL	1	South	EL	2.62%
59	BASSETT EL	3	North	EL	2.68%
60	ERWIN EL	6	North	EL	2.69%
61	MENLO EL	1	South	EL	2.72%
62	CHARLES W BARRETT EL	1	South	EL	2.82%
63	SUNNY BRAE EL	3	North	EL	2.86%
64	ARMINTA EL	6	North	EL	2.89%
65	INDEPENDENCE EL	5	East	EL	2.93%
66	CANOGA PARK EL	3	North	EL	3.02%
67	ANNANDALE EL	5	East	EL	3.05%
68	28TH ST EL	5	East	EL	3.18%
69	HAWAIIAN EL	7	South	EL	3.20%
70	FAIR EL	6	North	EL	3.26%
71	GARDEN GROVE EL	4	North	EL	3.27%
72	BREED EL	2	East	EL	3.31%
73	135TH ST EL	7	South	EL	3.39%
74	VAN DEENE EL	7	South	EL	3.42%
75	HUGHES EL	5	East	EL	3.45%
76	EASTMAN EL	2	East	EL	3.49%
77	BARTON HILL EL	7	South	EL	3.58%
78	54TH ST EL	1	West	EL	3.59%
79	HILLCREST DR EL	1	South	EL	3.60%
80	FLETCHER DR EL	5	West	EL	3.61%
81	COLDWATER CYN EL	6	North	EL	3.64%
82	GERMAIN EL	3	North	EL	3.65%
83	HALLDALE EL	7	South	EL	3.70%
84	42ND ST EL	1	South	EL	3.80%
85	HUMPHREYS EL	2	East	EL	3.87%
86	COLISEUM EL	1	South	EL	3.89%
87	232ND PL EL	7	South	EL	3.90%
88	STANFORD EL	5	East	EL	3.91%
89	GRAND VIEW EL	4	West	EL	3.98%
90	EL SERENO EL	2	East	EL	3.99%
91	SHENANDOAH EL	1	West	EL	4.02%
92	96TH ST EL	7	South	EL	4.02%
93	ALBION EL	2	East	EL	4.07%
94	NOBLE EL	6	North	EL	4.11%
95	SHERIDAN ST EL	2	East	EL	4.20%
96	93RD ST EL	7	South	EL	4.21%
97	ARAGON EL	2	West	EL	4.22%
98	RITTER EL	7	South	EL	4.23%
99	GULF EL	7	South	EL	4.37%
100	TOLAND WAY EL	5	East	EL	4.39%
101	DOMINGUEZ EL	7	South	EL	4.44%
102	HADDON EL	6	North	EL	4.47%
103	LOMA VISTA EL	5	East	EL	4.48%
104	BUDLONG EL	1	South	EL	4.48%
105	HOOVER EL	5	West	EL	4.49%
106	HARBOR CITY EL	7	South	EL	4.49%
107	OXNARD EL	6	North	EL	4.50%
108	SATICOY EL	6	North	EL	4.53%
109	2ND ST EL	2	East	EL	4.56%
110	WILMINGTON PK EL	7	South	EL	4.62%
111	NORWOOD EL	5	South	EL	4.93%
112	CHARNOCK ROAD EL	1	West	EL	5.02%
113	HAMASAKI EL	2	East	EL	5.03%
114	LAUREL EL	4	West	EL	5.03%

# All ES Evaluated for GSY Plan - List by Schoolyard Percentage Green

#	Site Name	Board District	Region	Site Type	Schoolyard % Green
115	IVANHOE EL	5	West	EL	5.04%
116	STRATHERN EL	6	North	EL	5.05%
117	MILES EL	5	East	EL	5.18%
118	CATSKILL EL	7	South	EL	5.39%
119	GARDENA EL	7	South	EL	5.46%
120	LA SALLE EL	1	South	EL	5.55%
121	PARMELEE EL	7	South	EL	5.61%
122	LORETO EL	2	East	EL	5.63%
123	MANHATTAN EL	1	South	EL	5.64%
124	SYLVAN PARK EL	3	North	EL	5.64%
125	EVERGREEN EL	2	East	EL	5.67%
126	ASCOT EL	5	East	EL	5.74%
127	MAYBERRY EL	5	West	EL	5.75%
128	STATE EL	5	East	EL	5.75%
129	PARK WESTERN EL	7	South	EL	5.77%
130	LANKERSHIM EL	6	North	EL	5.79%
131	WILTON PL EL	1	West	EL	5.91%
132	SHARP EL	6	North	EL	5.99%
133	PALMS EL	1	West	EL	6.05%
134	WEEMES EL	1	South	EL	6.15%
135	BRADLEY, THOMAS ENV/HUMAN MAGNET	1	South	EL	6.32%
136	GAULT EL	3	North	EL	6.38%
137	MONTARA AVE EL	5	East	EL	6.39%
138	LOS FELIZ EL	2	West	EL	6.53%
139	CRESTWOOD ST EL	7	South	EL	6.62%
140	MARVIN EL	1	West	EL	6.65%
141	COMMONWEALTH EL	2	East	EL	6.67%
142	VAN NESS EL	4	West	EL	6.69%
143	UTAH EL	2	East	EL	6.80%
144	WINDSOR M/S AERO MAG	1	West	EL	6.81%
145	FIGUEROA EL	1	South	EL	6.87%
146	HOBART BLVD EL	5	West	EL	6.87%
147	RIVERSIDE EL	3	North	EL	6.88%
148	VANALDEN EL	4	North	EL	6.95%
149	BELVEDERE EL	2	East	EL	7.00%
150	LORENA EL	2	East	EL	7.14%
151	GLASSELL PARK EL	5	West	EL	7.19%
152	SAN PEDRO EL	5	East	EL	7.19%
153	WEST HOLLYWOOD EL	4	West	EL	7.21%
154	RUSSELL EL	7	South	EL	7.31%
155	HUNTINGTON DR EL	2	East	EL	7.41%
156	HAZELTINE EL	3	North	EL	7.41%
157	CHAPMAN EL	7	South	EL	7.44%
158	ROSEWOOD EL	4	West	EL	7.48%
159	SOLANO EL	2	East	EL	7.51%
160	92ND ST EL	7	South	EL	7.52%
161	WOODLAWN EL	5	East	EL	7.57%
162	HART ST EL	3	North	EL	7.59%
163	MONTE VISTA EL	2	East	EL	7.64%
164	MANCHESTER EL	1	South	EL	7.72%
165	VENA EL	6	North	EL	7.79%
166	SHORT EL	4	West	EL	7.86%
167	MARIANNA EL	2	East	EL	7.87%
168	STONER EL	4	West	EL	7.96%
169	10TH ST EL	2	East	EL	7.99%
170	MAIN ST EL	7	East	EL	8.02%
171	66TH ST EL - COS RIVERA	7	South	EL	8.04%

# All ES Evaluated for GSY Plan - List by Schoolyard Percentage Green

#	Site Name	Board District	Region	Site Type	Schoolyard % Green
172	ARLINGTON HEIGHTS EL	1	West	EL	8.16%
173	POINT FERMIN EL	7	South	EL	8.18%
174	WOODLAND HILLS EL	4	North	EL	8.19%
175	LORNE EL	3	North	EL	8.33%
176	HOLMES EL	5	East	EL	8.36%
177	EL DORADO EL	6	North	EL	8.39%
178	MELROSE EL	4	West	EL	8.41%
179	LOMITA MATH/SCI MAG	7	South	EL	8.46%
180	BUCHANAN EL	2	East	EL	8.52%
181	MIRAMONTE EL	7	South	EL	8.74%
182	FLORENCE G JOYNER EL	7	South	EL	8.82%
183	CITY TERRACE EL	2	East	EL	8.88%
184	BURTON EL	6	North	EL	8.92%
185	NEVIN EL	5	East	EL	8.94%
186	TELFAIR EL	6	North	EL	9.02%
187	NORMONT EL	7	South	EL	9.06%
188	75TH ST EL	7	South	EL	9.07%
189	STERRY EL	4	West	EL	9.09%
190	FLORENCE EL	7	East	EL	9.23%
191	ENCINO EL	4	North	EL	9.24%
192	YORKDALE EL	2	East	EL	9.26%
193	BROADACRES EL	7	South	EL	9.38%
194	O MELVENY EL	6	North	EL	9.40%
195	TOLUCA LAKE EL	6	North	EL	9.42%
196	BRYSON EL	5	East	EL	9.44%
197	SUNLAND EL	6	North	EL	9.50%
198	ROSCOE EL	6	North	EL	9.51%
199	RIO VISTA EL	6	North	EL	9.55%
200	MEYLER ST EL	7	South	EL	9.56%
201	VERNON CITY EL	5	East	EL	9.60%
202	BALDWIN HILLS EL	1	West	EL	9.71%
203	LANAI EL	4	North	EL	9.72%
204	MAR VISTA EL	4	West	EL	9.73%
205	JUSTICE EL	3	North	EL	9.86%
206	MURCHISON EL	2	East	EL	10.01%
207	FULLBRIGHT EL	4	North	EL	10.12%
208	ALTA LOMA EL	1	West	EL	10.16%
209	ALLESANDRO EL	5	West	EL	10.17%
210	VICTORY EL	6	North	EL	10.21%
211	WESTERN EL	1	South	EL	10.29%
212	NAPA EL	3	North	EL	10.39%
213	VIRGINIA EL	1	West	EL	10.40%
214	9TH ST EL	2	East	EL	10.44%
215	MAGNOLIA EL	5	West	EL	10.51%
216	BRADDOCK DRIVE EL	4	West	EL	10.51%
217	CENTURY PK EL	1	South	EL	10.55%
218	ESPERANZA EL	2	East	EL	10.58%
219	ANNALEE EL	7	South	EL	10.73%
220	PLASENCIA EL	2	East	EL	10.78%
221	TRINITY EL	5	East	EL	10.80%
222	HAYNES EL	3	North	EL	11.07%
223	DANUBE EL	3	North	EL	11.35%
224	118TH ST EL	7	South	EL	11.41%
225	GATES EL	2	East	EL	11.45%
226	NEWCASTLE ES	4	North	EL	11.62%
227	WESTSIDE LEADERSHIP MAGNET*	4	West	EL	11.69%
228	HERRICK EL	6	North	EL	11.70%



# All ES Evaluated for GSY Plan - List by Schoolyard Percentage Green

#	Site Name	Board District	Region	Site Type	Schoolyard % Green
229	CAMELLIA EL	6	North	EL	11.84%
230	UNION EL	2	East	EL	12.10%
231	ANDASOL EL	3	North	EL	12.11%
232	SOUTH PARK EL	7	South	EL	12.13%
233	ALEXANDRIA EL	2	East	EL	12.20%
234	GRANADA EL	3	North	EL	12.22%
235	RAMONA EL	5	West	EL	12.29%
236	LEAPWOOD EL	7	South	EL	12.29%
237	DEL AMO EL	7	South	EL	12.37%
238	20TH ST EL	5	East	EL	12.41%
239	ROSCOMARE EL	4	West	EL	12.78%
240	FISHBURN EL	5	East	EL	13.00%
241	MICHELTORENA EL	5	West	EL	13.03%
242	SAN MIGUEL EL	5	East	EL	13.04%
243	CLIFFORD EL	5	West	EL	13.21%
244	WESTPORT HTS EL	4	West	EL	13.21%
245	SYLMAR EL	6	North	EL	13.30%
246	FARMDALE EL	2	East	EL	13.30%
247	TOPEKA DR EL	3	North	EL	13.33%
248	ACADEMY FOR ENRICHED SCIENCES MAGNET	3	North	EL	13.34%
249	DORRIS PLACE EL	5	West	EL	13.35%
250	CRESCENT HEIGHTS ES LANGUAGE, ARTS AND SOCIAL JUSTICE MAGNET	1	West	EL	13.38%
251	COHASSET EL	3	North	EL	13.46%
252	BRAINARD EL	6	North	EL	13.52%
253	LASSEN ES	6	North	EL	13.53%
254	OVERLAND EL	1	West	EL	13.59%
255	61ST ST EL	1	South	EL	13.62%
256	DAHLIA HTS EL	5	East	EL	13.63%
257	SAN GABRIEL EL	5	East	EL	13.69%
258	CAPISTRANO EL	3	North	EL	13.79%
259	107TH ST EL	7	South	EL	13.79%
260	CIENEGA EL	1	West	EL	14.19%
261	HARDING EL	6	North	EL	14.26%
262	SAN PASCUAL EL	2	East	EL	14.44%
263	CALAHAN COMMUNITY CHARTER	3	North	EL	14.60%
264	68TH ST EL	1	South	EL	14.61%
265	PASEO DEL REY NAT SC MG	4	West	EL	14.78%
266	SERRANIA EL	4	North	EL	14.79%
267	RESEDA EL	4	North	EL	14.93%
268	LOGAN EL	2	East	EL	14.96%
269	DIXIE CANYON EL	3	North	EL	14.97%
270	HUNTINGTON PK EL	5	East	EL	15.02%
271	112TH ST EL	7	South	EL	15.09%
272	RICHLAND EL	4	West	EL	15.12%
273	COMPTON EL	7	South	EL	15.13%
274	CANFIELD EL	1	West	EL	15.15%
275	VALERIO EL	6	North	EL	15.24%
276	SAN FERNANDO EL	6	North	EL	15.55%
277	LIBERTY EL	5	East	EL	15.71%
278	BANDINI EL	7	South	EL	15.94%
279	1ST EL	2	East	EL	15.95%
280	NORMANDIE EL	1	South	EL	16.05%
281	KESTER EL	3	North	EL	16.07%
282	TARZANA EL	4	North	EL	16.07%
283	CAROLDALE LRNG COMM*	7	South	EL	16.11%
284	VINE EL	4	West	EL	16.18%
285	KENTWOOD EL	4	West	EL	16.26%
286	LATONA EL	2	East	EL	16.26%

# All ES Evaluated for GSY Plan - List by Schoolyard Percentage Green

#	Site Name	Board District	Region	Site Type	Schoolyard % Green
287	PACIFIC BOULEVARD SCHOOL	5	East	EL	16.27%
288	FRANK DEL OLMO ELEM SCHOOL	2	East	EL	16.34%
289	FLOURNOY EL	7	South	EL	16.34%
290	DEARBORN EL	3	North	EL	16.35%
291	PACIFIC PALISADES EL	4	West	EL	16.41%
292	SHERMAN OAKS EL	3	North	EL	16.49%
293	GRAHAM EL	7	South	EL	16.50%
294	ALTA CALIFORNIA EL	6	North	EL	16.55%
295	VAN GOGH EL	3	North	EL	16.56%
296	LOYOLA VILLAGE EL	4	West	EL	16.64%
297	PARTHENIA EL	3	North	EL	16.66%
298	LIGGETT EL	6	North	EL	16.68%
299	ESCALANTE EL	5	East	EL	16.71%
300	ROCKDALE EL	5	East	EL	16.76%
301	WOODLAKE EL	3	North	EL	16.79%
302	HYDE PARK EL	1	South	EL	16.81%
303	ANATOLA EL	3	North	EL	16.85%
304	HOOVER EL	5	East	EL	16.88%
305	SAN ANTONIO EL	5	East	EL	16.89%
306	PANORAMA CITY EL	6	North	EL	16.92%
307	122ND ST EL	7	South	EL	17.06%
308	CALABASH EL	3	North	EL	17.10%
309	MORNINGSIDE EL	6	North	EL	17.19%
310	WILBUR EL	4	North	EL	17.24%
311	LOCKHURST EL	3	North	EL	17.27%
312	MOSK EL	4	North	EL	17.27%
313	3RD ST EL	4	West	EL	17.29%
314	LIMERICK EL	3	North	EL	17.40%
315	FAIRBURN EL	4	West	EL	17.41%
316	GLEDHILL EL	6	North	EL	17.64%
317	CANTARA EL	3	North	EL	17.70%
318	OBAMA, MICHELLE EL	6	North	EL	17.70%
319	HARRISON EL	2	East	EL	17.73%
320	GRIFFIN EL	2	East	EL	17.73%
321	BEACHY EL	6	North	EL	17.74%
322	ANGELES MESA EL	1	West	EL	17.74%
323	TULSA EL	3	North	EL	17.76%
324	ALEXANDER JR. SCIENCE CENTER	1	South	EL	17.87%
325	DAYTON HEIGHTS EL	2	West	EL	17.87%
326	POLITI EL	2	West	EL	17.95%
327	BALBOA G/HA MAG	3	North	EL	18.04%
328	186TH ST EL	7	South	EL	18.29%
329	DYER EL	6	North	EL	18.35%
330	COEUR D ALENE EL	4	West	EL	18.42%
331	WESTWOOD EL	4	West	EL	18.63%
332	COWAN EL	4	West	EL	18.64%
333	GEORGE DE LA TORRE, JR. EL	7	South	EL	18.78%
334	SHIRLEY EL	4	North	EL	18.79%
335	RANCHITO EL	6	North	EL	18.83%
336	MOORE, DR. L H MATH SCI TECH ACAD	7	South	EL	18.98%
337	VINTAGE MATH/SCI MAG	3	North	EL	19.07%
338	RICHARD RIORDAN PC	2	East	EL	19.10%
339	ELYSIAN HEIGHTS EL	5	West	EL	19.14%
340	GARDNER EL	4	West	EL	19.19%
341	MONLUX EL	6	North	EL	19.21%
342	LAKE STREET PRIMARY SCHOOL	2	East	EL	19.25%
343	STAGG EL	3	North	EL	19.26%

# All ES Evaluated for GSY Plan - List by Schoolyard Percentage Green

#	Site Name	Board District	Region	Site Type	Schoolyard % Green
344	153RD ST EL	7	South	EL	19.28%
345	BLYTHE EL	3	North	EL	19.28%
346	15TH ST EL	7	South	EL	19.40%
347	PRESIDENT EL	7	South	EL	19.50%
348	MADISON ES	5	East	EL	19.51%
349	HAMLIN EL	3	North	EL	19.57%
350	MARQUEZ EL	4	West	EL	19.63%
351	FERNANGELES EL	6	North	EL	19.68%
352	LILLIAN EL	5	East	EL	19.70%
353	BERTRAND EL	4	North	EL	19.75%
354	CARPENTER EL	3	North	EL	19.82%
355	WHITE, CHARLES ES	2	East	EL	19.94%
356	KENNEDY EL	2	East	EL	19.99%
357	MELVIN EL	3	North	EL	20.07%
358	MAYALL EL	3	North	EL	20.09%
359	MILLER EL - COS	1	South	EL	20.17%
360	CHANDLER EL	3	North	EL	20.19%
361	CABRILLO EL	7	South	EL	20.44%
362	VICTORIA EL	5	East	EL	20.57%
363	PLAYA VISTA ES	4	West	EL	20.61%
364	PINEWOOD EL	6	North	EL	20.62%
365	GRIDLEY EL	6	North	EL	20.77%
366	DARBY EL	3	North	EL	20.88%
367	HASKELL EL	3	North	EL	20.93%
368	SAN JOSE ST	6	North	EL	20.95%
369	LAMOTTE, POINDEXTER MARGUERITE ES	1	South	EL	20.97%
370	STANFORD PC	5	East	EL	21.17%
371	SANTANA, CARLOS ARTS ACADEMY EL	6	North	EL	21.21%
372	CARDENAS, ANDRES & MARIA EL	3	North	EL	21.26%
373	WEST VERNON EL	5	East	EL	21.27%
374	RIDE EL / A SMART ACADEMY	5	East	EL	21.33%
375	QUEEN ANNE EL	1	West	EL	21.46%
376	EMELITA EL	4	North	EL	21.50%
377	BROADWAY EL	4	West	EL	21.57%
378	WILLOW EL	5	East	EL	21.84%
379	KNOLLWOOD EL	3	North	EL	22.04%
380	CLOVER EL	1	West	EL	22.32%
381	COLUMBUS AVE EL	3	North	EL	22.45%
382	CHASE EL	6	North	EL	22.47%
383	WEST ATHENS EL	1	South	EL	22.50%
384	OLYMPIC PRIMARY CENTER	2	East	EL	22.54%
385	WILSHIRE PARK ES	1	West	EL	22.86%
386	HUERTA, DOLORES EL	5	East	EL	23.07%
387	GERALD A. LAWSON ACADEMY MATH/SCI	1	South	EL	23.25%
388	4TH ST EL	2	East	EL	23.27%
389	CORONA EL	5	East	EL	23.29%
390	ROYBAL-ALLARD ES	5	East	EL	23.30%
391	EL ORO EL	3	North	EL	23.34%
392	BROAD AVE EL	7	South	EL	23.35%
393	S SHORES PER ARTS MAG	7	South	EL	23.44%
394	SIERRA VISTA EL	2	East	EL	23.45%
395	RAYMOND AVE	1	South	EL	23.49%
396	WILSHIRE CREST EL	1	West	EL	23.51%
397	WISDOM EL	7	South	EL	23.55%
398	MIDDLETON PC	5	East	EL	23.63%
399	POMELO EL	3	North	EL	23.71%
400	MAPLE PC	5	East	EL	23.86%

# All ES Evaluated for GSY Plan - List by Schoolyard Percentage Green

#	Site Name	Board District	Region	Site Type	Schoolyard % Green
401	CARSON-GORE ACADEMY	1	West	EL	23.92%
402	KITTRIDGE EL	6	North	EL	24.00%
403	BELLINGHAM PC	6	North	EL	24.22%
404	MOUNTAIN VIEW EL	6	North	EL	24.23%
405	156TH ST EL	7	South	EL	24.28%
406	MACK EL	1	South	EL	24.45%
407	CANTERBURY EL	6	North	EL	24.52%
408	VISTA DEL VALLE DUAL LANGUAGE ACADEMY	6	North	EL	24.59%
409	NEVADA EL	3	North	EL	24.62%
410	WHITE POINT EL	7	South	EL	24.79%
411	HARMONY ES	5	East	EL	24.93%
412	HOOPER NEW PC	5	East	EL	25.06%
413	CARTHAY CENTER EL	1	West	EL	25.07%
414	LEMAY EL	3	North	EL	25.07%
415	99TH ST EL	7	South	EL	25.14%
416	BECKFORD EL	3	North	EL	25.27%
417	HOPE STREET ES	5	East	EL	25.34%
418	CANYON EL	4	West	EL	25.38%
419	AMANECER PC	2	East	EL	25.49%
420	AMBLER EL	7	South	EL	25.53%
421	GRATTS EL	2	East	EL	25.53%
422	CHATSWORTH EL	3	North	EL	25.86%
423	TAPER EL	7	South	EL	25.92%
424	SYLMAR LEADERSHIP ACADEMY	6	North	EL	25.98%
425	LEE, DR. SAMMY MEDICAL HLTH SCI MAGNET	2	East	EL	26.19%
426	PRMRY ACDMY FOR SUCCESS SC	6	North	EL	26.28%
427	MACARTHUR PARK PC	2	East	EL	26.43%
428	BROADOUS EL	6	North	EL	26.50%
429	BROOKLYN AVE EL	2	East	EL	26.60%
430	HOLLYWOOD EL	5	West	EL	26.60%
431	MT WASHINGTON EL	5	East	EL	26.77%
432	COLFAX EL	3	North	EL	26.88%
433	ESTRELLA EL	7	East	EL	26.94%
434	WELBY EL	3	North	EL	27.27%
435	CASTLE HTS EL	1	West	EL	27.70%
436	LAFAYETTE PARK PRIMARY CENTER	2	East	EL	27.78%
437	SATURN EL	1	West	EL	27.92%
438	NESTLE EL	4	North	EL	28.07%
439	HANCOCK PARK EL	4	West	EL	28.50%
440	ANTON EL	2	East	EL	28.50%
441	BROCKTON EL	4	West	EL	28.50%
442	4TH ST PRIMARY CTR	2	East	EL	28.60%
443	BACA, JUDITH ARTS ACADEMY	7	South	EL	28.65%
444	GLEN ALTA EL	2	East	EL	28.75%
445	MALABAR EL	2	East	EL	28.86%
446	SUNRISE EL	2	East	EL	28.91%
447	KORENSTEIN EL	6	North	EL	29.18%
448	AURORA ES	7	East	EL	29.38%
449	SUPERIOR EL	3	North	EL	29.44%
450	JONES, QUINCY EL	5	East	EL	30.05%
451	VINEDALE EL	6	North	EL	30.06%
452	RICARDO LIZARRAGA ES	5	East	EL	30.07%
453	WASHINGTON PC	1	South	EL	30.47%
454	OCHOA LEARNING CENTER	5	East	EL	30.86%
455	WINNETKA EL	3	North	EL	31.00%
456	GLENWOOD EL	6	North	EL	31.04%
457	ALDAMA EL	2	East	EL	31.64%

# All ES Evaluated for GSY Plan - List by Schoolyard Percentage Green

#	Site Name	Board District	Region	Site Type	Schoolyard % Green
458	OSCEOLA EL	6	North	EL	31.72%
459	ESCUTIA PC,MARTHA	5	East	EL	31.79%
460	EAGLE ROCK EL	5	East	EL	31.98%
461	WALGROVE EL	4	West	EL	32.00%
462	24TH ST EL	1	South	EL	32.11%
463	BEETHOVEN EL	4	West	EL	32.22%
464	CALVERT EL	4	North	EL	32.26%
465	HARRY BRIDGES SPAN SCHOOL*	7	South	EL	32.43%
466	WESTMINSTER EL	4	West	EL	32.61%
467	MAYWOOD ES	5	East	EL	32.62%
468	ATWATER EL	5	West	EL	32.79%
469	HESBY OAKS*	4	North	EL	32.86%
470	HUBBARD EL	6	North	EL	33.10%
471	TWEEDY EL	5	East	EL	33.15%
472	CHARLES H. KIM ES	5	West	EL	33.25%
473	KNOX EL, DR OWEN LLOYD	7	South	EL	33.54%
474	COMMUNITY MAGNET	4	West	EL	33.86%
475	PARK AVE EL	5	East	EL	34.79%
476	STONEHURST EL	6	North	EL	34.90%
477	ENADIA WAY EL	3	North	EL	35.33%
478	WALNUT PARK EL	5	East	EL	35.52%
479	MARIPOSA-NABI PRIMARY CTR	5	West	EL	35.65%
480	MAURICE SENDAK ES	6	North	EL	35.83%
481	PLAYA DEL REY EL	4	West	EL	37.75%
482	BRENTWOOD SCI MAG	4	West	EL	38.41%
483	VALLEY VIEW EL	3	West	EL	38.43%
484	MULTNOMAH EL	2	East	EL	38.49%
485	DANNY J. BAKEWELL SR. PC	1	South	EL	38.64%
486	APPERSON EL	6	North	EL	38.65%
487	KINGSLEY ES	5	West	EL	39.11%
488	KENTER CANYON EL	4	West	EL	39.68%
489	OPEN CHARTER SCHOOL	4	West	EL	39.81%
490	CASTLEBAY LN EL	3	North	EL	39.92%
491	NUEVA VISTA EL	5	East	EL	40.79%
492	LEXINGTON AVENUE PC	2	West	EL	40.84%
493	PORTER RANCH COMMUNITY SCHOOL	3	North	EL	42.46%
494	HARVARD ES	5	West	EL	42.46%
495	ARROYO SECO MUSEUM SCIENCE MAGNET*	2	East	EL	43.03%
496	BUSHNELL WAY EL	2	East	EL	43.96%
497	COUGHLIN EL	6	North	EL	44.39%
498	CHAVEZ, CESAR EL	2	East	EL	49.62%
499	CARMEN LOMA GARZA PC	2	East	EL	51.03%
500	DELEVAN DRIVE EL	5	East	EL	52.98%
501	MID-CITY MAGNET	1	West	EL	54.54%
502	ROSA PARKS LEARNING CENTER	6	North	EL	63.01%
503	TOPANGA EL	4	West	EL	74.32%
504	WONDERLAND EL	4	West	EL	77.50%

\*SPAN-MS – EL for Greening Index and GSY purposes

# Green Schoolyards Index - Ranking of Elementary Schools <10%

GSY - Priority Rank	Site Name	Board District	Region	Site Type	Schoolyard % Green	CalEnviroScreen Score	Extreme Heat Temperature Score	Combined Score	Co-Located Charter	BOE Approved Projects
1	EASTMAN EL*	2	East	EL	3.49%	73.71	71.22	73.09	Y	Y- 3P
2	ARMINTA EL*	6	North	EL	2.89%	68.18	76.69	70.31	N	Y - SEEDS‡, Y - GSY
3	UTAH EL*	2	East	EL	6.80%	73.31	57.4	69.33	N	Y- 3P
4	BRIDGE EL*	2	East	EL	0.62%	73.09	57.4	69.16	N	Y - OLE, Y - GSY
5	SAN PEDRO EL*	5	East	EL	7.19%	76.52	43.64	68.30	N	Y - GSY
6	COLDWATER CYN EL*	6	North	EL	3.64%	65.23	76.69	68.09	N	Y- SG
7	DENA EL*	2	East	EL	2.26%	70.13	57.4	66.94	N	Y - OLE, Y - GSY
8	HELIOTROPE EL*	5	East	EL	2.30%	64.41	72.99	66.56	N	Y - GSY
9	NEVIN EL*	5	East	EL	8.94%	69.26	57.4	66.29	N	Y - 3P
10	STRATHERN EL*	6	North	EL	5.05%	62.66	76.69	66.17	N	Y - GSY
11	SOTO EL*	2	East	EL	1.49%	68.92	57.4	66.04	N	Y - SG
12	GRAPE EL*	7	South	EL	1.89%	76.85	33.52	66.02	N	Y - OLE +3P
13	LORETO EL*	2	East	EL	5.63%	66.95	62.77	65.90	N	Y - 3P
14	TELFAIR EL*	6	North	EL	9.02%	63.26	72.52	65.57	N	Y - 3P
15	ROSCOE EL*	6	North	EL	9.51%	62.14	74.76	65.29	N	Y - GSY
16	CANOGA PARK EL*	3	North	EL	3.02%	55.01	92.94	64.50	N	Y - GSY
17	SATICOY EL	6	North	EL	4.53%	59.45	76.69	63.76	N	
18	FLETCHER DR EL*	5	West	EL	3.61%	64.05	62.77	63.73	Y	Y - SEEDS‡
19	LORENA EL*	2	East	EL	7.14%	65.82	57.4	63.71	Y	Y- SG
20	EUCLID EL	2	East	EL	0.00%	65.82	57.4	63.71	N	
21	ALBION EL	2	East	EL	4.07%	63.82	62.77	63.56	N	
22	BELVEDERE EL*	2	East	EL	7.00%	60.98	71.22	63.54	N	Y- SG
23	ANN EL	2	East	EL	0.61%	63.58	62.77	63.38	N	
24	SOLANO EL	2	East	EL	7.51%	63.58	62.77	63.38	N	
25	VERNON CITY EL	5	East	EL	9.60%	65.20	57.4	63.25	N	
26	MARIANNA EL*	2	East	EL	7.87%	60.33	71.22	63.05	N	Y- SG + SEEDS‡
27	92ND ST EL*	7	South	EL	7.52%	67.75	48.1	62.84	N	Y - CM
28	FLORENCE G JOYNER EL*	7	South	EL	8.82%	67.75	48.1	62.84	N	Y- SG
29	BURTON EL	6	North	EL	8.92%	59.69	71.59	62.66	N	
30	SYLVAN PARK EL*	3	North	EL	5.64%	64.22	57.85	62.63	N	Y - SEEDS, Y - GSY
31	VANALDEN EL*	4	North	EL	6.95%	51.71	93.41	62.14	N	Y - GSY
32	66TH ST EL - COS RIVERA*	7	South	EL	8.04%	71.24	33.36	61.77	N	Y- SG
33	GARDENA EL*	7	South	EL	5.46%	74.44	23.12	61.61	N	Y - GSY
34	RITTER EL*	7	South	EL	4.23%	70.56	33.52	61.30	N	Y - GSY
35	HOLMES EL*	5	East	EL	8.36%	65.69	48.1	61.29	N	Y - SEEDS‡
36	CASTELAR EL	2	East	EL	1.24%	60.63	62.77	61.17	N	
37	ASCOT EL*	5	East	EL	5.74%	62.38	57.4	61.14	N	Y - CM
38	BREED EL*	2	East	EL	3.31%	62.08	57.4	60.91	Y	Y- SG
39	VENA EL	6	North	EL	7.79%	55.40	76.69	60.73	N	
40	HART ST EL*	3	North	EL	7.59%	49.80	92.94	60.59	N	N - PACEUP
41	EL DORADO EL*	6	North	EL	8.39%	56.56	72.34	60.51	N	Y - SEEDS‡
42	CITY TERRACE EL	2	East	EL	8.88%	56.59	71.22	60.25	N	
43	WEIGAND EL*	7	South	EL	0.34%	63.83	48.1	59.90	N	Y - OLE + 3P
44	HUMPHREYS EL*	2	East	EL	3.87%	56.07	71.22	59.86	N	Y - OLE
45	HAZELTINE EL	3	North	EL	7.41%	55.78	71.59	59.73	N	
46	SHARP EL*	6	North	EL	5.99%	55.40	72.52	59.68	N	Y - 3P
47	GARDEN GROVE EL*	4	North	EL	3.27%	50.07	88.13	59.58	N	Y- SG
48	96TH ST EL*	7	South	EL	4.02%	63.19	48.1	59.41	N	Y - 3P
49	HADDON EL*	6	North	EL	4.47%	54.89	72.52	59.30	N	Y - SEEDS‡ + 3P
50	FAIR EL*	6	North	EL	3.26%	53.26	76.69	59.12	Y	Y - OLE
51	GAULT EL	3	North	EL	6.38%	49.20	88.13	58.93	N	
52	STANFORD EL*	5	East	EL	3.91%	62.19	48.1	58.67	N	Y - SG + SEEDS‡
53	MIRAMONTE EL	7	South	EL	8.74%	66.87	33.36	58.49	N	
54	ARAGON EL	2	West	EL	4.22%	56.46	62.77	58.04	N	
55	SHERIDAN ST EL*	2	East	EL	4.20%	57.90	57.4	57.78	N	Y - SEEDS + 3P
56	FORD BLVD EL*	2	East	EL	1.90%	52.83	71.22	57.43	N	Y- SG



# Green Schoolyards Index - Ranking of Elementary Schools <10%

GSY - Priority Rank	Site Name	Board District	Region	Site Type	Schoolyard % Green	CalEnviroScreen Score	Extreme Heat Temperature Score	Combined Score	Co-Located Charter	BOE Approved Projects
57	NOBLE EL*	6	North	EL	4.11%	52.64	71.59	57.38	N	Y- PACEUP
58	LANGDON EL*	6	North	EL	2.40%	51.97	71.59	56.88	N	Y - OLE
59	93RD ST EL*	7	South	EL	4.21%	64.15	33.36	56.46	N	Y - 3P
60	BRYSON EL*	5	East	EL	9.44%	59.06	48.1	56.32	N	Y - 3P
61	RUSSELL EL*	7	South	EL	7.31%	63.95	33.36	56.30	N	Y- SG
62	LANE EL	2	East	EL	2.03%	51.21	71.22	56.22	N	
63	HAMASAKI EL*	2	East	EL	5.03%	51.21	71.22	56.22	N	Y- SG
64	HILLSIDE EL	2	East	EL	0.90%	53.97	62.77	56.17	N	
65	2ND ST EL*	2	East	EL	4.56%	55.75	57.4	56.17	Y	Y - OLE
66	ROSEMONT EL	2	East	EL	2.61%	56.36	55.52	56.15	N	
67	ROWAN EL*	2	East	EL	0.54%	50.76	71.22	55.87	N	Y - OLE
68	28TH ST EL*	5	East	EL	3.18%	59.78	43.64	55.75	N	Y- SG
69	BASSETT EL*	3	North	EL	2.68%	50.45	71.59	55.74	N	N - PACEUP
70	PARMELEE EL*	7	South	EL	5.61%	63.05	33.36	55.63	N	Y - 3P
71	MIDDLETON EL*	5	East	EL	0.52%	57.65	48.1	55.26	N	Y - SEEDS‡ + 3P
72	FLORENCE EL*	7	East	EL	9.23%	57.57	48.1	55.20	N	Y - 3P
73	75TH ST EL*	7	South	EL	9.07%	62.40	33.36	55.14	N	Y - SG + SEEDS‡
74	FIGUEROA EL*	1	South	EL	6.87%	65.66	23.12	55.02	N	Y- 3P
75	116TH ST EL*	7	South	EL	2.03%	64.86	23.12	54.42	N	Y - 3P
76	WADSWORTH EL*	5	East	EL	0.00%	57.61	43.64	54.12	N	Y- 3P
77	WOODLAWN EL	5	East	EL	7.57%	47.42	72.99	53.81	N	
78	MONTARA AVE EL*	5	East	EL	6.39%	55.62	48.1	53.74	N	Y - SEEDS
79	MENLO EL*	1	South	EL	2.72%	57.10	43.64	53.73	N	Y- SG
80	SUNNY BRAE EL*	3	North	EL	2.86%	40.45	92.94	53.57	N	Y - SG
81	MARVIN EL*	1	West	EL	6.65%	61.89	28.52	53.55	N	Y - GSY
82	O MELVENY EL*	6	North	EL	9.40%	47.23	72.34	53.50	N	Y - 3P
83	MAIN ST EL	7	East	EL	8.02%	60.13	33.36	53.44	N	
84	MANCHESTER EL*	1	South	EL	7.72%	59.38	33.36	52.87	N	Y - SEEDS, Y - GSY
85	HAWAIIAN EL	7	South	EL	3.20%	61.64	26.48	52.85	N	
86	BALDWIN HILLS EL	1	West	EL	9.71%	60.95	28.52	52.84	N	
87	SIERRA PARK EL	2	East	EL	0.00%	44.40	77.36	52.64	N	
88	LANKERSHIM EL*	6	North	EL	5.79%	49.07	63.15	52.59	N	Y- SG + SEEDS
89	VAN NUYS EL	3	North	EL	1.30%	45.94	71.59	52.35	N	
90	109TH ST EL*	7	South	EL	1.43%	61.49	23.12	51.90	N	Y- SG
91	DOMINGUEZ EL	7	South	EL	4.44%	56.55	36.95	51.65	N	
92	BUDLONG EL*	1	South	EL	4.48%	57.70	33.36	51.62	Y	Y - 3P + SEEDS‡
93	EVERGREEN EL*	2	East	EL	5.67%	49.66	57.4	51.59	N	Y- SG
94	LOMA VISTA EL	5	East	EL	4.48%	52.52	48.1	51.41	N	
95	JONES PC, DR JAMES EDWARD	1	South	EL	2.43%	53.55	43.64	51.08	N	
96	HUGHES EL*	5	East	EL	3.45%	51.92	48.1	50.97	N	Y- SG
97	LOCKWOOD EL*	2	West	EL	2.54%	49.33	55.52	50.88	N	Y - OLE
98	OXNARD EL	6	North	EL	4.50%	45.95	64.9	50.69	N	
99	BARTON HILL EL	7	South	EL	3.58%	58.36	26.48	50.39	N	
100	CHARLES W BARRETT EL*	1	South	EL	2.82%	55.68	33.36	50.10	N	Y - 3P + OLE
101	MCKINLEY EL*	7	South	EL	1.26%	55.54	33.36	49.99	N	Y - CM
102	AVALON GARDENS EL	7	South	EL	2.58%	58.70	23.12	49.81	N	
103	49TH ST EL*	7	East	EL	2.45%	55.25	33.36	49.78	N	Y - CM
104	10TH ST EL*	2	East	EL	7.99%	51.73	43.64	49.71	N	Y - 3P
105	WILMINGTON PK EL	7	South	EL	4.62%	53.14	38.72	49.53	N	
106	135TH ST EL	7	South	EL	3.39%	58.13	23.12	49.38	N	
107	CARSON EL*	7	South	EL	2.39%	57.14	25.64	49.26	N	N - PACEUP
108	AMESTOY EL*	7	South	EL	1.94%	57.34	23.12	48.78	N	Y - CM
109	TOWNE EL	7	South	EL	1.19%	55.98	25.64	48.39	N	
110	52ND ST EL*	1	South	EL	2.29%	53.04	33.36	48.12	N	Y - 3P + OLE
111	PLUMMER EL*	6	North	EL	1.56%	40.22	71.59	48.06	N	Y - SEEDS‡ + PACEUP
112	EL SERENO EL*	2	East	EL	3.99%	38.25	77.36	48.03	N	Y - SEEDS‡

# Green Schoolyards Index - Ranking of Elementary Schools <10%

GSY - Priority Rank	Site Name	Board District	Region	Site Type	Schoolyard % Green	CalEnviroScreen Score	Extreme Heat Temperature Score	Combined Score	Co-Located Charter	BOE Approved Projects
113	ENCINO EL*	4	North	EL	9.24%	32.64	93.41	47.83	N	Y - GSY
114	VERMONT EL*	1	South	EL	2.47%	49.00	43.64	47.66	N	N - PACEUP
115	HUNTINGTON DR EL	2	East	EL	7.41%	42.53	62.77	47.59	N	
116	STATE EL*	5	East	EL	5.75%	47.05	48.1	47.31	N	Y - 3P
117	BONITA EL*	7	South	EL	1.83%	54.34	25.64	47.16	N	Y - SEEDS‡
118	GLASSELL PARK EL	5	West	EL	7.19%	41.68	62.77	46.96	N	
119	WOODCREST EL*	1	South	EL	2.62%	51.26	33.36	46.78	N	Y - SG
120	NORWOOD EL*	5	South	EL	4.93%	46.81	43.64	46.01	N	Y - SG
121	LOS ANGELES EL*	5	West	EL	1.39%	45.84	43.64	45.29	N	Y - SG + SEEDS
122	HOBART BLVD EL*	5	West	EL	6.87%	45.58	43.64	45.09	Y	Y - SG
123	ERWIN EL*	6	North	EL	2.69%	38.63	63.15	44.76	Y	Y - SEEDS‡, N - PACEUP
124	WEEMES EL	1	South	EL	6.15%	44.96	43.64	44.63	N	
125	GRANT EL*	5	West	EL	0.45%	46.19	39.18	44.44	N	Y - 3P + PACEUP
126	LOS FELIZ EL	2	West	EL	6.53%	40.55	55.52	44.29	N	
127	MILES EL*	5	East	EL	5.18%	42.92	48.1	44.21	N	Y - 3P
128	BRIGHT EL*	1	West	EL	1.71%	43.65	43.64	43.65	N	Y - OLE
129	GLENFELIZ BLVD EL*	5	West	EL	1.11%	39.67	55.52	43.63	N	Y - SEEDS‡
130	GARVANZA EL*	2	East	EL	2.49%	32.34	77.36	43.59	N	Y - 3P
131	LORNE EL	3	North	EL	8.33%	28.54	88.13	43.44	N	
132	LA SALLE EL*	1	South	EL	5.55%	46.04	33.36	42.87	N	Y - SG
133	MONTE VISTA EL*	2	East	EL	7.64%	35.95	62.77	42.66	N	Y - 3P
134	INDEPENDENCE EL*	5	East	EL	2.93%	40.75	48.1	42.59	N	Y - 3P
135	KING JR EL*	1	South	EL	1.28%	42.06	43.64	42.46	Y	Y - OLE
136	GULF EL*	7	South	EL	4.37%	47.74	26.48	42.43	N	Y - 3P
137	HALLDALE EL	7	South	EL	3.70%	47.97	25.64	42.38	N	
138	CIMARRON EL*	1	South	EL	0.51%	52.14	13.01	42.36	N	Y - OLE
139	PURCHE EL	7	South	EL	0.71%	52.08	13.01	42.31	N	
140	DENKER EL*	7	South	EL	1.77%	48.31	23.12	42.01	N	Y - SEEDS‡
141	FRIES EL*	7	South	EL	1.04%	47.16	26.48	41.99	N	Y - SEEDS‡
142	TOLUCA LAKE EL	6	North	EL	9.42%	33.27	64.9	41.18	N	
143	MANHATTAN EL*	1	South	EL	5.64%	43.55	33.36	41.00	N	Y - SG
144	NORMONT EL	7	South	EL	9.06%	45.77	26.48	40.95	N	
145	BURBANK EL*	3	North	EL	0.59%	33.15	63.15	40.65	N	Y - SEEDS
146	HOOVER EL*	5	West	EL	4.49%	39.40	43.64	40.46	N	Y - SG
147	HILLCREST DR EL*	1	West	EL	3.60%	44.24	28.52	40.31	N	Y - 3P
148	6TH AVE EL	1	West	EL	1.08%	44.16	28.52	40.25	Y	
149	CAHUENGA EL	5	West	EL	2.12%	35.03	55.52	40.15	N	
150	RIO VISTA EL	6	North	EL	9.55%	31.76	64.9	40.04	N	
151	VAN DEENE EL*	7	South	EL	3.42%	44.70	25.64	39.94	N	Y - SEEDS‡
152	MEYLER ST EL	7	South	EL	9.56%	44.70	25.64	39.94	N	
153	IVANHOE EL	5	West	EL	5.04%	33.10	55.52	38.71	N	
154	YORKDALE EL	2	East	EL	9.26%	30.61	62.77	38.65	N	
155	CATSKILL EL	7	South	EL	5.39%	42.56	26.48	38.54	N	
156	HARBOR CITY EL*	7	South	EL	4.49%	42.42	26.48	38.43	N	Y - SEEDS‡
157	59TH ST EL	1	South	EL	0.93%	46.10	14.95	38.31	N	
158	CHAPMAN EL	7	South	EL	7.44%	46.62	13.01	38.22	N	
159	ARLINGTON HEIGHTS EL	1	West	EL	8.16%	41.21	28.52	38.04	N	
160	COLISEUM EL	1	West	EL	3.89%	41.19	28.52	38.03	N	
161	GERMAIN EL*	3	North	EL	3.65%	25.24	75.32	37.76	N	N - PACEUP
162	MAYBERRY EL	5	West	EL	5.75%	31.33	55.52	37.38	N	
163	WOODLAND HILLS EL*	4	North	EL	8.19%	16.47	100	37.36	N	N - PACEUP
164	95TH ST EL*	1	South	EL	1.11%	38.31	33.36	37.07	N	Y - OLE
165	TOLAND WAY EL	5	East	EL	4.39%	27.69	62.77	36.46	N	
166	BUCHANAN EL*	2	East	EL	8.52%	26.91	62.77	35.87	N	Y - 3P
167	232ND PL EL	7	South	EL	3.90%	39.17	25.64	35.79	N	
168	BROADACRES EL	7	South	EL	9.38%	35.36	36.95	35.76	N	

# Green Schoolyards Index - Ranking of Elementary Schools <10%

GSY - Priority Rank	Site Name	Board District	Region	Site Type	Schoolyard % Green	CalEnviroScreen Score	Extreme Heat Temperature Score	Combined Score	Co-Located Charter	BOE Approved Projects
169	COMMONWEALTH EL*	2	East	EL	6.67%	28.86	55.52	35.53	N	Y - OLE, N - PACEUP
170	ANNANDALE EL	5	East	EL	3.05%	23.77	69.45	35.19	N	
171	SUNLAND EL	6	North	EL	9.50%	25.80	62.87	35.07	N	
172	DOLORES EL*	7	South	EL	1.78%	37.56	25.64	34.58	N	N - PACEUP
173	SHENANDOAH EL*	1	West	EL	4.02%	39.11	20.52	34.46	N	Y - CM
174	RIVERSIDE EL	3	North	EL	6.88%	24.68	63.15	34.30	N	
175	74TH ST EL*	1	South	EL	2.07%	40.46	14.95	34.08	N	Y - 3P
176	FRANKLIN EL	2	West	EL	1.28%	26.59	55.52	33.82	N	
177	42ND ST EL	1	South	EL	3.80%	34.72	28.52	33.17	Y	
178	BRADLEY, THOMAS ENV/HUMAN MAGNET*	1	South	EL	6.32%	34.72	28.52	33.17	N	Y - SEEDS‡
179	JUSTICE EL	3	North	EL	9.86%	18.79	75.12	32.87	N	
180	PLAINVIEW EL	6	North	EL	1.47%	25.80	52.46	32.46	N	
181	WILTON PL EL*	1	West	EL	5.91%	33.07	28.52	31.93	Y	Y - SG
182	PARK WESTERN EL	7	South	EL	5.77%	32.82	26.48	31.24	N	
183	MELROSE EL*	4	West	EL	8.41%	28.05	39.18	30.83	N	N - PACEUP
184	VAN NESS EL	4	West	EL	6.69%	27.28	39.18	30.25	N	
185	POINT FERMIN EL	7	South	EL	8.18%	30.09	26.48	29.19	N	
186	CHEREMOYA EL*	5	West	EL	2.39%	25.61	39.18	29.00	N	Y - SEEDS‡
187	54TH ST EL*	1	South	EL	3.59%	32.42	14.95	28.05	N	Y - SEEDS‡
188	STONER EL*	4	West	EL	7.96%	30.89	15.33	27.00	Y	Y - SG
189	STERRY EL	4	West	EL	9.09%	34.00	4.66	26.66	N	
190	ESHELMAN EL	7	South	EL	2.32%	29.34	16.9	26.23	N	
191	WINDSOR M/S AERO MAG*	1	South	EL	6.81%	29.90	14.95	26.16	N	Y - SG
192	LANAI EL*	4	North	EL	9.72%	13.19	57.85	24.35	N	N - PACEUP
193	PALMS EL*	1	West	EL	6.05%	25.52	20.52	24.27	N	N - PACEUP
194	CHARNOCK ROAD EL*	1	West	EL	5.02%	25.42	20.52	24.20	N	N - PACEUP
195	GRAND VIEW EL*	4	West	EL	3.98%	23.70	20.52	22.91	N	Y - SEEDS‡
196	LELAND EL	7	South	EL	1.97%	21.38	26.48	22.66	N	
197	LOMITA MATH/SCI MAG	7	South	EL	8.46%	22.74	16.9	21.28	N	
198	ROSEWOOD EL	4	West	EL	7.48%	20.34	21.83	20.71	N	
199	LAUREL EL	4	West	EL	5.03%	13.70	39.18	20.07	N	
200	WEST HOLLYWOOD EL	4	West	EL	7.21%	14.83	21.83	16.58	N	
201	7TH ST EL	7	South	EL	2.08%	13.20	26.48	16.52	N	
202	SHORT EL*	4	West	EL	7.86%	16.49	15.33	16.20	N	Y - SEEDS
203	CRESTWOOD ST EL*	7	South	EL	6.62%	9.31	26.48	13.60	N	N - PACEUP
204	WARNER EL	4	West	EL	2.50%	10.57	21.83	13.39	N	
205	MAR VISTA EL*	4	West	EL	9.73%	8.71	20.52	11.66	N	Y - PACEUP

KEY	DESCRIPTION
Note (*)	School has an approved or identified project that includes green/natural improvements.
OLE	Outdoor Learning Environment (Bond Funded)
SEEDS	Sustainable Environment Enhancement Developments for Schools (Bond Funded)
SEEDS‡	Completed Sustainable Environment Enhancement Developments for Schools (Bond Funded)
CM	Comprehensive Modernization (Bond Funded)
MM	Major Modernization (Bond Funded)
SG	Green Schoolyard Improvements (non-DSA/ADA) (ELOP Funded)
3P	Third Party Greening Projects (Grant funded by: CALFire, CNRA UGG, TCC, LA Housing Authority, State of CA, Ocean Protection, Watts Rising Playground Greening, other)
PACEUP	Playground and Campus Exterior Upgrades (Bond Funded)
GSY	Green Schoolyard Upgrades





**LAUSD**  
**UNIFIED**

# **Green Schools for All Community Forum (EAST)**

**May 23, 2023**

***Escuelas Verdes para Todos  
Foro Comunitario (Region ESTE)  
23 de mayo de 2023***



# Agenda

## I. Welcome and Zoom Meeting Logistics

*Bienvenida, logística de la reunión de Zoom*

– Lorena Padilla-Meléndez, Director

Community Relations and Small Business Department

## II. Overview of "Green Schools for All" Resolution, Greening Initiatives and Surveys

*Vista General de Resolución "Escuelas Verdes para Todos"*

*Iniciativas de Enverdecimiento y Encuestas*

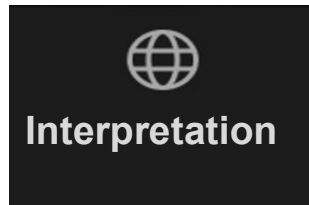
– Scott Singletary, Senior Facilities Development Manager

## IV. Question and Comments

*Preguntas y Comentarios*



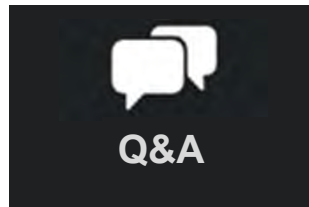
## Zoom Webinar Multiple Languages *Webinario por Zoom en varios idiomas*



To listen to this meeting in Spanish please use this icon and select "Spanish"

*Para escuchar esta reunión en Español, utilice este ícono y seleccione "Español"*

## Zoom Webinar How-To *Webinario por Zoom – Cómo funciona*



To ask a question or provide a comment please use the "Q&A" icon and submit at anytime during the meeting

*Para hacer una pregunta o proporcionar un comentario por favor use el icono "Q&A" en cualquier momento durante la reunión*



**Why we are here  
today?**  
*¿Por qué estamos  
aquí hoy?*



# We want to hear from you

## *Queremos conocer su opinión*



Please share your thoughts and feedback:

- Survey (more info later)
- Comments and Questions

*Por favor, comparta sus ideas y comentarios:*

- *La encuesta (más información más adelante)*
- *Comentarios y preguntas*



# Timeline / *Cronología*

## MAY

- Initiate Outreach with Families and Community Members
- Blackboard Connect Message sent to all Parents
- Stakeholder Meetings
- Information posted on LAUSD Website
- Information Packet available at School Parent Centers

## MAYO

- *Inicio del alcance a las familias y los miembros de la comunidad*
- *Mensaje Blackboard Connect a todos los padres*
- *Reuniones de las partes interesadas*
- *Información publicada en el sitio web de LAUSD*
- *Paquete de información disponible en el Centro de Padres de la escuela*

# Timeline / *Cronología*

## JUNE

- Continue Outreach
- Initiate Outreach to Experts and Partners
- Collect Survey Input

## JULY

- Incorporate Outreach Input into Plan

## AUGUST

- Complete Plan and Present to Board of Education

## *JUNIO*

- *Continuar con el alcance comunitario*
- *Iniciar el alcance de los expertos y socios*
- *Recopilar comentarios de la encuesta*

## *JULIO*

- *Incorporar en el plan los aportes obtenidos durante el alcance*

## *AGOSTO*

- *Completar el plan y presentar a la Junta de Educación*

# What are Green Schoolyards?

*¿Qué son los patios  
escolares verdes?*



# What are Green Schoolyards?

## *¿Qué son los patios escolares verdes?*



Green and natural spaces that students have access to during the day:

- Natural features for learning and active play
- Trees and shade
- Permeable surfaces – water can pass through
- Native/drought tolerant plants
- Educational Gardens
- Grass play fields
- Other sustainable features that reduce the heat island effect

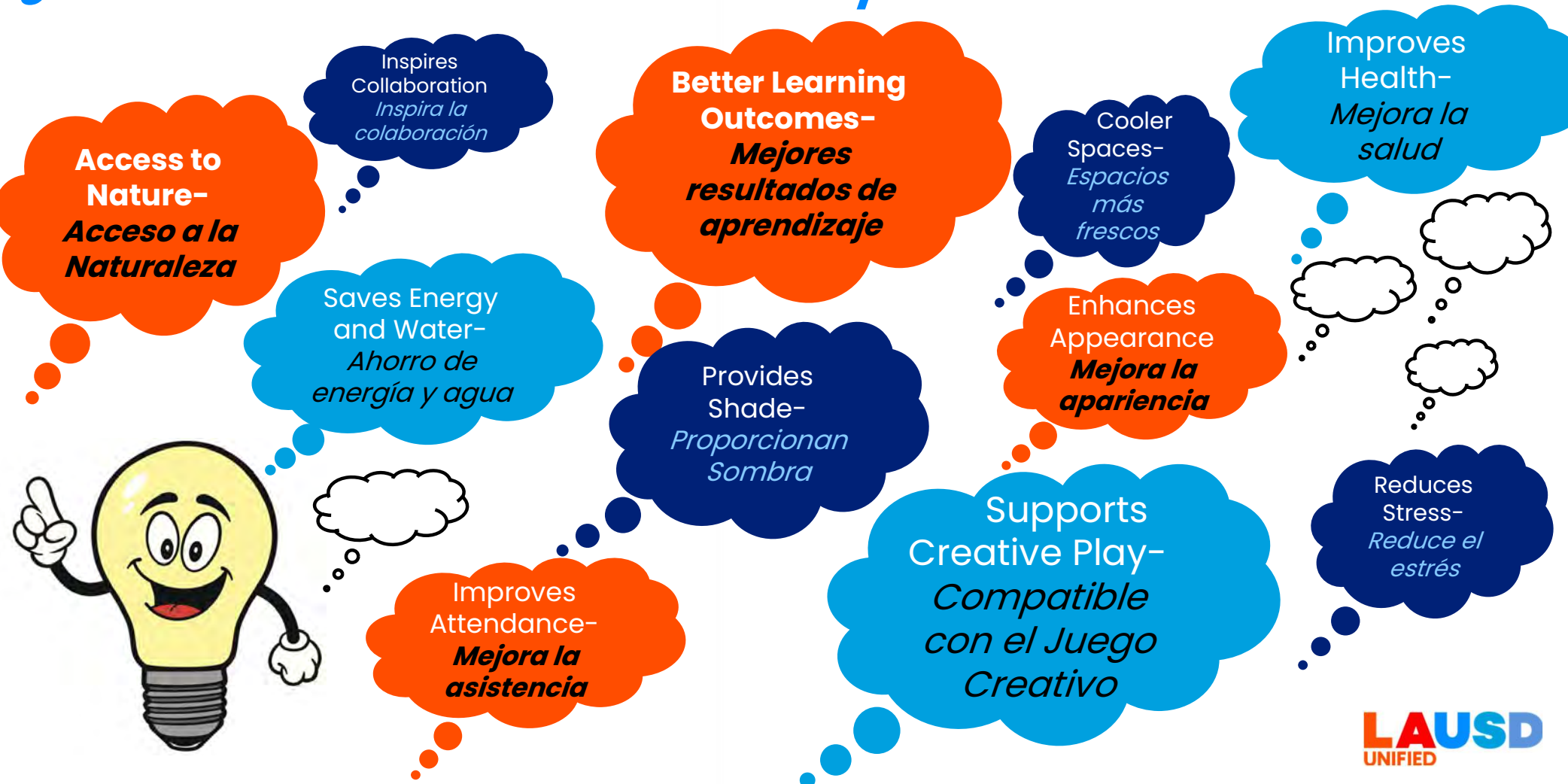
*Espacios verdes y naturales a los que los estudiantes pueden acceder durante el día:*

- *Características naturales para el aprendizaje y juegos activos*
- *Árboles y sombra*
- *Superficies permeables: El agua puede pasar a través de ellas*
- *Plantas nativas/tolerantes a la sequía*
- *Jardines educativos*
- *Canchas de césped*
- *Otras características sostenibles que reducen el efecto isla de calor*



# What are the Benefits of Green Schoolyards?

*¿Cuáles son los beneficios de los patios escolares verdes?*



# Challenges We Face

## *Desafíos a los que nos enfrentamos*



Unshaded playgrounds during warm Southern California weather

*Patios infantiles sin sombra durante el caluroso clima del sur de California*



Damaged or unusable play areas

*Áreas de juego dañadas o inutilizables*



Asphalt absorbs the sun's rays and radiates heat throughout the day

*El asfalto absorbe los rayos del sol e irradia calor durante todo el día*

# **“Green Schools for All” Resolution**

***Resolución***

***Escuelas Verdes para Todos***

# **“Green Schools for All” Resolution**

## ***Resolución “Escuelas Verdes para Todos”***



- The “Green Schools for All” resolution (Resolution) was adopted by the Board of Education on September 27, 2022.
- The goal of the Resolution is for school campuses across the District to include 30% green/natural schoolyards.
- The Resolution directs the Superintendent to develop a plan to achieve this goal by 2035 and identify funding.
- *La resolución “Escuelas Verdes para Todos” (Resolución) fue adoptada por la Junta de Educación el 27 de septiembre de 2022.*
- *El objetivo de la Resolución es que los planteles escolares de todo el Distrito incluyan un 30% de patios verdes/naturales.*
- *La resolución encarga al Superintendente desarrollar un plan para lograr esta meta para 2035 e identificar su financiamiento.*

## **“Green Schools for All” Resolution / *Resolución “Escuelas verdes para todos”***



Adopts the Standard of 30% Green/Natural Space for All District Schools

*Adopta el estándar de 30% de espacio verde/natural en todas las escuelas del Distrito*

Directs Superintendent to: / *Se encarga al Superintendente:*

- 1. Develop a Plan** to achieve 30% green/natural schoolyards at all schools by 2035.

Develop in collaboration w/ environmental experts, community-based partners, educators, students, families.

*El desarrollo de un plan para alcanzar el 30% de patios escolares verdes/naturales en todas las escuelas para 2035.*

*Desarrollar la colaboración con expertos ambientales, socios comunitarios, educadores, estudiantes, familias.*

- 2. Identify funding** for projects to achieve the goals of the Plan by 2035, including Bond, General Fund, and grants.

*Identificar el financiamiento para los proyectos a fin de alcanzar los objetivos del Plan para 2035, incluyendo bonos, fondos generales y subvenciones.*



## **“Green Schools for All” Resolution** ***Resolución “Escuelas verdes para todos”***



- 3. Ensure proper staffing and resources** are allocated to identify and apply for non-District funds and grants.

*Garantizar que se asignen recursos y personal adecuados para identificar y solicitar fondos y subvenciones no pertenecientes al Distrito.*

- 4. Deepen partnerships** with City and County to expand the Community School Parks program.

*Profundizar las alianzas con la Ciudad y el Condado para expandir el programa de Parques Comunitarios Escolares.*

- 5. Have Office of Government Relations ensure that adequate funding for greening is part of the District’s **advocacy efforts**.**

*Hacer que la Oficina de Relaciones Gubernamentales se asegure de que la adecuada financiación para el reverdecimiento de las escuelas forme parte de los esfuerzos de **cabildeo del Distrito**.*



# **“Green Schools for All” Resolution**



## ***Resolución “Escuelas verdes para todos”***



# Progress to Date

## *Progreso hasta la fecha*



# Ongoing Activities / *Actividades en curso*

- Establish **Definition** of a **Green Schoolyard**
  - **Focus:** The importance of student access to Green Schoolyard space during the school day
  - **Considerations:**
    - Identify elements that make up a Green Schoolyard
    - Differentiate needs and priorities by school type
    - Address physical constraints at small school sites
    - Account for athletic fields at high schools
- *Establecer **la definición** de un **Patio Escolar Verde***
  - ***Enfoque:** La importancia del acceso de los estudiantes al espacio del Patio Escolar Verde durante el día escolar*
  - ***Consideraciones:***
    - *Identificar los elementos que componen un Patio Escolar Verde*
    - *Diferenciar necesidades y prioridades por tipo de escuela*
    - *Abordar las limitaciones físicas en los planteles escolares pequeños*
    - *Hacer un conteo de los campos atléticos en las escuelas preparatorias*

# Ongoing Activities / *Actividades en curso*

- **Considerations (continued):**
    - Include cool coating as an element
    - Evaluate area of tree canopies
    - Incorporate permeable space and stormwater capture
  - **Analyze** each school against the Definition
  - Establish metrics for tracking Green Schoolyard goals
- ***Consideraciones (continuación):***
    - *Incluir un revestimiento fresco como uno de los elementos*
    - *Evaluar el área cubierta por las copas de los árboles*
    - *Incorporar espacio permeable y captura de aguas pluviales*
  - ***Analizar** cada escuela teniendo en cuenta la definición*
  - *Establecer métricas para el seguimiento de los objetivos del Patio Escolar Verde*

# Ongoing Greening Bond Investments

## *Inversiones continuas en bonos ecológicos*



SEEDS (Sustainable Environment Enhancing Developments for Schools)

- 90 projects across the District ~ \$5.6 million
  - 69 completed and 21 underway
- Planning 30 additional new projects

*SEEDS (Desarrollo Sostenible para Mejorar el Medio Ambiente en las Escuelas)*

- *90 proyectos en todo el Distrito ~ \$5.6 millones*
  - *69 ya completos y 21 en marcha*
- *Planificación de 30 nuevos proyectos adicionales*



# Ongoing Greening Bond Investments

## *Inversiones continuas en bonos ecológicos*



### Early Education Center Outdoor Classrooms

- 40 projects across the District ~ \$113 million
  - 12 completed and 28 underway
- Planning 5 -8 additional new projects

### *Aulas al aire libre en Centros de Educación Temprana*

- *90 proyectos en todo el Distrito ~ \$113 millones*
  - *12 completados y 28 en marcha*
- *Planificación de 5-8 nuevos proyectos adicionales*



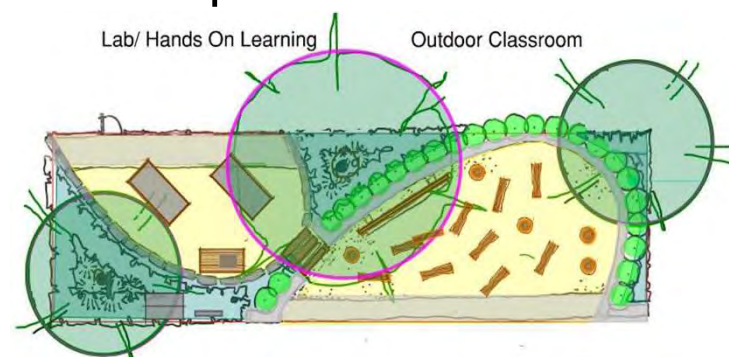
## Ongoing Greening Bond Investments

### *Inversiones continuas en bonos ecológicos*



#### Outdoor Learning Environment (OLE) Projects

- \$50 million for sites with greatest need and excess portables
- 13 projects underway, approx. \$29 million
- Planning up to 7 additional new projects



#### *Proyectos para Entornos de Aprendizaje al Aire Libre (OLE)*

- *\$50 millones para planteles con mayor necesidad y con exceso de aulas portátiles*
- *13 proyectos en marcha, aprox. \$29 millones*
- *Planificación de hasta 7 nuevos proyectos adicionales*

## Ongoing Greening Bond Investments

### *Inversiones continuas en bonos ecológicos*



#### Paving Replacement Projects

- 29 Projects Across The District ~ \$181 million
- Goal to increase green/natural space by 30%, with stormwater capture

#### *Proyectos de Reemplazo de la Pavimentación*

- *29 proyectos en todo el Distrito ~ \$181 millones*
- *Objetivo de aumentar en un 30% el espacio verde/natural, con captura de aguas pluviales*

#### Playground and Campus Exterior Upgrades (“Paving Plus”)

- \$300 million at elementary schools with the worst paving conditions
- Transform playground areas by adding landscaping, trees, and cool coating
- First group of projects for approval by Q3 2023

#### *Mejoras del patio de juegos y en el exterior plantel (“Paving Plus”)*

- *\$300 millones en escuelas primarias con las peores condiciones de pavimentación*
- *Transformar las áreas de juegos agregando paisajismo, árboles y revestimiento fresco*
- *Primer grupo de proyectos para su aprobación para el T3 2023*







## Other Ongoing Bond Projects

### *Otros proyectos de bonos en curso*



#### Comprehensive Modernization Projects

- 19 Projects will meet or exceed 30% green/natural schoolyard goal, inclusive of playfields and athletic fields
- 3 Projects will exceed 20% green/natural schoolyard

#### *Proyectos de modernización integral*

- *Se cumplirán 19 proyectos o se superará la meta del 30% de patios escolares verdes/naturales, incluyendo canchas de juego y campos atléticos*
- *3 proyectos superarán el 20% de patios escolares verdes/naturales*

# Other Ongoing Bond Projects

## *Otros proyectos de bonos en curso*



### Classroom Replacement Projects

- 5 ES Projects will meet or exceed 30% green/natural schoolyard goal
- 4 ES Projects will exceed 20% green/natural schoolyard
- 4 ES Projects will significantly improve and/or maximize feasible green/natural schoolyard

### *Proyectos de Reemplazos de Aulas*

- *5 proyectos en Escuelas Primarias cumplirán o superarán la meta del 30% patios escolares verdes/naturales*
- *4 proyectos de Escuelas Primarias superarán el 20% de patios escolares verdes/ naturales*
- *4 proyectos de Escuelas Primarias mejorarán y/o maximizarán significativamente los patios escolares verdes/naturales posibles.*

## New & Upcoming Bond Projects

### *Nuevos y próximos proyectos de bonos*



#### 8-12 Classroom Replacement Projects

- Will meet the 30% green/natural schoolyard goal or significantly increase the green/natural schoolyard when completed

#### *8- 12 Proyectos de Reemplazo de Aulas*

- *Cumplirán con la meta del 30% de patios escolares verdes/naturales o aumentará significativamente los patios escolares verdes/naturales cuando se completen*

#### 7 Major Modernization Projects

- Elementary School Project (49th Street ES) will meet or exceed 30% green/natural schoolyard goal
- 6 Secondary Schools will meet or exceed 30% schoolyard goal when completed, inclusive of playfields and athletic fields

#### *7 Proyectos Extensos de Modernización*

- *El Proyecto de Escuela Primaria Modernización (49th Street) cumplirá o excederá la meta del 30% de patio escolar verde/natural*
- *6 Escuelas Secundarias cumplirán o superarán la meta del 30% cuando se completen, incluidos las canchas de juego y los campos atléticos*





## New & Upcoming Bond Projects

### *Nuevos y próximos proyectos de bonos*



#### 20–25 Playground and Campus Exterior Upgrade Projects

- Will include 30% green/natural schoolyard goal, to the extent feasible

#### *20–25 Proyectos de Mejoras del Área de Juegos y del Exterior del Plantel*

- *Incluirá la meta de 30% de patios escolares verdes/naturales, en la medida de lo posible*



## Project Greening Analysis

### *Análisis de los proyectos de ecologización*



#### **For Projects Currently Underway that include upgraded Schoolyards**

- Elementary Schools:  
Majority of projects yielded 22-30% green/natural schoolyards
- Middle Schools and High Schools:  
Greening increased above 30% goal – inclusive of play fields and athletic fields

#### *Proyectos actualmente en marcha que incluyen patios escolares mejorados*

- *Escuelas Primarias*  
*La mayoría de los proyectos lograron 22-30% de patios escolares verdes/naturales*
- *Escuelas Secundarias y Preparatorias:*  
*Los espacios verdes aumentaron, superando la meta del 30% que incluyen las canchas de juego y los campos atléticos*

**More work to be done!**

*¡Queda más trabajo  
por hacer!*

## How Many Schools Require Schoolyard Greening?



### *¿Cuántas escuelas necesitan patios escolares verdes?*

#### **634 Schools have a Green Score of Less than 30%**

- **Approximately 15 million sq. ft.** (350 acres), of paved schoolyard areas need to be upgraded to green/natural space (equivalent of 265 football fields)

#### ***634 Las escuelas tienen una puntuación verde de menos del 30%***

- ***Aproximadamente 15 millones de pies cuadrados*** (350 acres) de áreas pavimentadas en los patios escolares necesitan ser actualizados con espacios verdes/naturales (equivalente a 265 canchas de fútbol)

# How Many Schools Require Schoolyard Greening?



## *¿Cuántas escuelas necesitan patios escolares verdes?*

- **NEED:** To provide 15 million square feet of green/natural space over the next 12 years is estimated to cost approximately **\$4 Billion**, adjusted for inflation
- ***NECESIDAD:** Proporcionar 15 millones de pies cuadrados de espacios verdes/naturales durante los próximos 12 años se estima que costará aproximadamente **\$4 mil millones**, ajustado por la inflación*
- Includes: landscape and planting, trees, outdoor learning environments, irrigation, infrastructure, and accessibility upgrades
- *Incluye: Paisajismo y plantas, árboles, entornos de aprendizaje al aire libre, riego, infraestructura, y actualizaciones de accesibilidad*

# Prioritizing Highest Need Schools

## *Priorizar las escuelas de mayor necesidad*



- Highest priority is youngest students in early education and elementary schools with less than a 10% green score:

- Approx. 220 schools = **\$1.5 billion needed** to upgrade priority schools

- Potential Implementation Strategy:

- 22 Projects per year for next 10 years
- Approx. **\$150 million per year**

- *La prioridad más alta son los estudiantes más jóvenes en educación temprana y en escuelas primarias con menos de un 10% de puntuación verde:*

- *Aprox. 220 escuelas = **\$1.5 mil millones necesarios** para mejorar las escuelas prioritarias*

- *Posible estrategia de implementación:*

- *22 proyectos por año en los próximos 10 años*
- *Aprox. **\$150 millones al año***





# Implementation Resources

## *Recursos para la implementación*



- **Funding needed to meet goal far exceeds resources**

- New Capital Funds needed for new projects
- Existing funding is fully dedicated to other programs and projects

- ***La financiación necesaria para cumplir la meta excede con creces los recursos***

- *Nuevos fondos de capital necesarios para nuevos proyectos*
- *La financiación actual está totalmente dedicada a otros programas y proyectos*

# Implementation Resources

## *Recursos para la implementación*



- **Funding for Maintaining Green Schoolyards**

- Ensures Longevity of Green Schoolyard Upgrades
- The District would need approximately \$10 million annually to maintain an additional 15 Million square feet of greenspace

- ***Financiación para el mantenimiento de los patios escolares verdes***

- *Garantiza la longevidad de las actualizaciones a Patios Escolares Verdes*
- *El Distrito necesitaría aproximadamente \$10 millones anuales para mantener 15 millones de pies cuadrados adicionales de espacios verdes*

# Additional Funding Opportunities



## *Oportunidades adicionales de financiación*

- **Grants and Partnerships**

- California Natural Resources Agency (CNRA)
- Ocean Protection Council (OPC)
- CAL FIRE
- The Safe Clean Water Program (SCW)

- ***Subvenciones y Asociaciones***

- *Agencia de Recursos Naturales de California (CNRA)*
- *Consejo de Protección de los Océanos (OPC)*
- *CAL FIRE*
- *Programa de Agua Segura y Limpia (SCW)*

# Additional Funding Opportunities



## *Oportunidades adicionales de financiación*

- **Advocacy Efforts**

- The Office of Government Relations advocates for adequate funding for green schoolyards in the state budget
- District-sponsored legislation
- Negotiate with Legislature to address climate change impact in Public Education Facilities Bond Act of 2024

- ***Esfuerzos de promoción***

- *La Oficina de Relaciones Gubernamentales aboga por la financiación adecuada en el presupuesto estatal para los patios verdes*
- *Legislación patrocinada por el Distrito*
- *Negociar con la Legislatura para abordar el impacto del cambio climático en la Ley de Bonos de Instalaciones de Educación Pública de 2024*

**We Need Your  
Input**  
*Necesitamos su  
opinión*



# Survey Introduction

## *Introducción a la encuesta*

- **We invite and encourage you to participate in the following Green Schoolyards Plan Stakeholder Survey**
  - The Goal of the survey is to gather **YOUR** feedback to support development of the District's **Green Schoolyards Plan**.
  - The following seven (7) question survey should only take you a couple of minutes to complete.
  - **Your responses will help inform the development of the Plan to green schoolyards and positively impact student outcomes from providing green/natural spaces.**
- *Los invitamos y animamos a que participen en la siguiente Encuesta de Partes Interesadas del Plan para Patios Escolares Verdes*
  - *El objetivo de la encuesta es reunir **SUS** comentarios para apoyar el desarrollo del **Plan de Patios Escolares Verdes** del Distrito .*
  - *Completar siguiente encuesta de siete (7) preguntas solo le llevará un par de minutos.*
  - ***Sus respuestas ayudarán a informar el desarrollo del Plan para Patios Escolares Verdes, para proporcionarles espacios verdes/naturales que tenga un impacto positivo en el logro de los estudiantes.***



# Survey Questions

## *Preguntas de la encuesta*



1. Are you a:

☐ Parent of an LAUSD student?

If yes, please state which school

---

☐ LAUSD student?

If yes, please state which school

---

☐ Other stakeholder?

If yes, please state your role

---

1. *Es usted:*

☐ *¿Padre/madre/tutor de un estudiante de LAUSD?*

*En caso afirmativo, indique la escuela*

---

☐ *¿Estudiante del LAUSD?*

*En caso afirmativo, indique la escuela*

---

☐ *¿Otro partido interesado?*

*En caso afirmativo, indique su rol*

---

# Survey Questions

## *Preguntas de la encuesta*

2. When it comes to a student's access to green schoolyard space on their school campus, which is most important to you? (*Please prioritize: 1 = Most Important; 7 = Least Important*)

- ☐ Natural play areas (logs/stumps, decomposed granite, boulders, etc.)
- ☐ General shade from the sun
- ☐ Attractive and inviting appearance of school campus
- ☐ Trees
- ☐ Natural grass playfields
- ☐ Educational gardens (raised bed, edible, habitat, or native garden)
- ☐ Outdoor classrooms

2. *Por favor clasifique sus prioridades cuando se trata del acceso de su hijo(a) a espacios verdes en el patio escolar en su escuela. (#1 es lo más importante, #7 es lo menos importante)*

- ☐ *Áreas de juego naturales (troncos/tocones de árbol, granito desintegrado, cantos rodados, etc.)*
- ☐ *Sombra general del sol*
- ☐ *Aspecto atractivo y atrayente del plantel escolar*
- ☐ *Árboles*
- ☐ *Canchas de juego de césped natural*
- ☐ *Jardines educativos (canteros elevados, jardín comestible, hábitat o jardín nativo)*
- ☐ *Aulas al aire libre*

# Survey Questions

## *Preguntas de la encuesta*



**3. Which do you feel the District should focus on when greening its schoolyards? (Please prioritize: 1 = Most Important; 7 = Least Important)**

- ☐ Adding more trees/shade on schoolyards
- ☐ Providing natural play areas on school yards (logs/stumps, decomposed granite, boulders, etc.)
- ☐ Providing elementary schools with a grass playfield
- ☐ Adding more planted landscaped areas
- ☐ Creating Outdoor Classrooms with seating areas for the students
- ☐ Creating more learning gardens tied to curriculum
- ☐ Improving appearance of the school campus

**3 ¿Dónde cree que el Distrito debe priorizar su enfoque de reverdecer sus patios escolares? (#1 es lo más importante, #7 es lo menos importante)**

- ☐ Agregar más árboles / sombra en los patios escolares
- ☐ Proporcionar áreas de juego naturales en los patios de la escuela (troncos/tocones de árbol, granito desintegrado, cantos rodados, etc.)
- ☐ Proporcionar a las escuelas primarias canchas de césped
- ☐ Añadir más áreas ajardinadas con plantas
- ☐ Creación de aulas al aire libre con áreas de asientos para los estudiantes
- ☐ Crear más jardines de aprendizaje vinculados al plan de estudios
- ☐ Mejorar la apariencia del plantel escolar

# Survey Questions

## *Preguntas de la encuesta*



4. For an early education center or an elementary school campus, which features are most important to you? *(Please prioritize: 1 = Most Important; 7 = Least Important)*

- ☐ Natural grass playfields
- ☐ Natural play areas (logs/stumps, decomposed granite, boulders, etc.)
- ☐ Planted landscaped areas other than playfields
- ☐ Trees
- ☐ Educational gardens (raised bed, edible, habitat, or native garden)
- ☐ Outdoor Classroom with seating area for students

4. *En su opinión, por favor califique la importancia de tener las siguientes características en un centro de educación temprana o en un plantel de escuela primaria. (#1 es lo más importante, #7 es lo menos importante)*

- ☐ *Canchas de juego de césped natural*
- ☐ *Áreas de juego naturales (troncos/tocones de árbol, granito desintegrado, cantos rodados, etc.)*
- ☐ *Zonas de jardines con plantas que no sean canchas de juego*
- ☐ *Árboles*
- ☐ *Jardines educativos (canteros elevados, jardín comestible, hábitat o jardín nativo)*
- ☐ *Aula al aire libre con zona de estar para los estudiantes*

# Survey Questions

## *Preguntas de la encuesta*

5. For a middle school campus, which features are most important to you? (*Please prioritize: 1 = Most Important; 5 = Least Important*)

- ☐ Natural grass playfields
- ☐ Planted landscaped areas other than playfields
- ☐ Trees
- ☐ Educational gardens (raised bed, edible, habitat, or native garden)
- ☐ Outdoor Classroom with seating area for students

5. *En su opinión, por favor califique la importancia de tener las siguientes características en una escuela secundaria. (#1 es lo más importante, #5 es lo menos importante)*

- ☐ *Canchas de juego de césped natural*
- ☐ *Zonas de jardines con plantas que no sean canchas de juego*
- ☐ *Árboles*
- ☐ *Jardines educativos (canteros elevados, jardín comestible, hábitat o jardín nativo)*
- ☐ *Aula al aire libre con zona de estar para los estudiantes*

# Survey Questions

## *Preguntas de la encuesta*

6. For a high school campus, which features are most important to you?  
*(Please prioritize: 1 = Most Important; 5 = Least Important)*

- ☐ Planted landscaped areas other than playfields
- ☐ Trees
- ☐ Educational gardens (raised bed, edible, habitat, or native garden)
- ☐ Outdoor Classroom with seating area for students
- ☐ Athletic fields (baseball, softball, football, soccer)

6. *En su opinión, por favor califique la importancia de tener las siguientes características en una escuela preparatoria. (#1 es lo más importante, #5 es lo menos importante)*

- ☐ *Zonas de jardines con plantas que no sean canchas de juego*
- ☐ *Árboles*
- ☐ *Jardines educativos (canteros elevados, jardín comestible, hábitat o jardín nativo)*
- ☐ *Aula al aire libre con zona de estar para los estudiantes*
- ☐ *Campos atléticos (béisbol, softbol, fútbol, fútbol)*



# Survey Questions

## *Preguntas de la encuesta*

7. When it comes to climate-related concerns for students on a school campus, which of the following are most important to you? (*Please prioritize: 1 = Most Important; 5 = Least Important*)

- ☐ Excessive heat on the schoolyard
- ☐ Air quality
- ☐ Appearance/health of plants or grass on school campus (dead grass/plants)
- ☐ Lack of shade on the schoolyard
- ☐ Water conservation

7. *Por favor clasifique las siguientes preocupaciones relacionadas con el clima que tiene para su hijo(a) en el plantel de su escuela. (#1 es lo más preocupante, #5 es lo menos preocupante)*

- ☐ *Calor excesivo en el patio de la escuela*
- ☐ *Calidad del aire*
- ☐ *Apariencia/salud de las plantas o del césped del plantel escolar (césped/plantas muertas)*
- ☐ *Falta de sombra en el patio de la escuela*
- ☐ *Conservación del agua*

# Survey Information and Instructions

## Información e Instrucciones sobre la Encuesta



### The survey will

- Be available May 23, 2023
- Close on June 16, 2023

### Survey available in:

- English
- Spanish
- Tagalog
- Armenian
- Russian
- Farsi
- Korean



### *La encuesta*

- *Empieza el 23 de Mayo, 2023*
- *Termina el 16 de Junio, 2023*

### *Encuesta disponible en:*

- *Inglés*
- *Español*
- *Filipino*
- *Armenio*
- *Ruso*
- *Persa*
- *Coreano*

## Access to Resolution Reference Material

*Acceso a Materiales de Referencia sobre la Resolucion*  
*Escuelas verdes para todos*



**Presentation on Greening Index**  
*¿Cómo se preparó la lista?*



**Greening Index (Prioritized List of Schools)**  
*Lista priorizada por escuela*



# Questions and Answers

## *Preguntas y Respuestas*

For more information, please call  
*Para más información:*

FSD COMMUNITY RELATIONS AND SMALL BUSINESS DEPARTMENT

Main line / *Línea central* (213) 241-1340

[community.relations@laschools.org](mailto:community.relations@laschools.org)



**LAUSD**  
**UNIFIED**



**LAUSD**  
**UNIFIED**

**Welcome to the**  
**Green Schools for All**  
**Community Partners Forum**  
**July 27, 2023**  
**2:00 p.m. – 3:00 p.m.**





# Agenda



## Meeting Logistics

3 minutes

Lorena Padilla-Melendez, Director FSD Community Relations and Small Business

## Greetings

Krisztina Tokes, Chief Facilities Executive

2 minutes

## Overview of the Green Schools for All Resolution and Ongoing Activities

Scott Singletary, Sr. Project Development Manager

8 minutes

## Discussion

1) Primary Centers, Early Education Centers and Elementary Schools

15 minutes

2) Middle Schools

15 minutes

3) High Schools

15 minutes

## Next Steps and Closing

2 minutes

# **“Green Schools for All” Resolution**



# **“Green Schools for All” Resolution**



- The “Green Schools for All” resolution (Resolution) was adopted by the Board of Education on September 27, 2022.
- The goal of the Resolution is for school campuses across the District to include 30% green/natural schoolyards.
- The Resolution directs the Superintendent to develop a plan to achieve this goal by 2035 and identify funding.

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# “Green Schools for All” Resolution



Adopts the Standard of 30% Green/Natural Space for All District Schools

Directs Superintendent to:

1. **Develop a plan** to achieve 30% green/natural schoolyards at all schools by 2035.  
Develop in collaboration w/ environmental experts, community-based partners, educators, students, families.
2. **Identify funding** for projects to achieve the goals of the Plan by 2035, including Bond, General Fund, and grants.
3. **Ensure proper staffing and resources** are allocated to identify and apply for non-District funds and grants.
4. **Deepen partnerships** with City and County to expand the Community School Parks program.
5. **Have Office of Government Relations ensure** that adequate funding for greening is part of the District's **advocacy efforts**.

# “Green Schools for All” Resolution





# Green Schoolyards



# What are Green Schoolyards?

Green and natural spaces that students have access to during the day:

- Natural features for learning and active play
- Trees and shade
- Permeable surfaces – water can pass through
- Native/drought tolerant plants
- Educational Gardens
- Grass play fields
- Other sustainable features that reduce the heat island effect



# How Many Schools Require Schoolyard Greening?



**634 Schools have a Green Score of Less than 30%**

- **Approximately 15 million sq. ft.** (350 acres), of paved schoolyard areas need to be upgraded to green/natural space (equivalent of 265 football fields)
- **NEED:** To provide 15 million square feet of green/natural space over the next 12 years is estimated to cost approximately **\$4 Billion**, adjusted for inflation
- **PRIORITY NEED:** Approximately 220 schools are considered Priority Need (<10% green space), addressing these is estimated to cost approximately **\$1.5 Billion**, adjusted for inflation
  - Includes: landscape and planting, trees, outdoor learning environments, irrigation, infrastructure, and accessibility upgrades

# Ongoing Activities



# Timeline

## MAY

- Initiate Outreach with Families and Community Members
- Blackboard Connect Message sent to all Parents
- Stakeholder Meetings
- Information posted on LAUSD Website
- Information Packet available at School Parent Centers

## JUNE

- Continue Outreach

## JULY

- Initiate Outreach to Experts and Partners
- Incorporate Outreach Input into Plan

## AUGUST

- Complete Plan and Distribute to Board of Education

# Community Meetings



- Four Community Meetings (via Zoom) were held by Geographic Region  
Region EAST, May 23, 2023 (78 attendees)  
Region NORTH, May 24, 2023 (77 attendees)  
Region SOUTH, May 25, 2023 (43 attendees)  
Region WEST, May 31, 2023 (66 attendees)

## Survey Results/Feedback

- 549 Survey Respondents – representing more than 140 schools
- **Highest Priority:** Adding more trees and providing shade to address excessive heat on the schoolyard
- **Lowest Priority:** Providing natural play areas such as logs/stumps, planted landscapes other than playfields, and outdoor classrooms



# Ongoing Activities

- Establish **Definition** of a **Green Schoolyard**
  - **Focus:** The importance of student access to Green Schoolyard space during the school day
  - **Considerations:**
    - Identify elements that make up a Green Schoolyard
    - Differentiate needs and priorities by school type
    - Address physical constraints at small school sites
    - Account for athletic fields at high schools
    - Include cool coating as a secondary element
    - Evaluate area of tree canopies
    - Incorporate permeable space and stormwater capture
- **Analyze** each school against the Definition
- Establish metrics for tracking Green Schoolyard goals

# Ongoing Activities



- Collaboration with LAUSD **Instruction** and **Physical Education**
  - **Focus:** Establish guidelines for Green Schoolyards that incorporates opportunities for educational use and aligns with physical education requirements
  - **Considerations:**
    - Differentiate needs and priorities by school type
    - Ensure Green Schoolyard accommodates equitable access to PE standards
    - Ensure designs for outdoor learning spaces utilize plant/tree palettes that support teaching and learning
- Collaboration with **Social & Emotional Learning** (SEL) to develop outdoor spaces that promote student wellness

# Ongoing Activities



- **Analyzing and evaluating** school site greening data for prioritization
- **Focus:** Prioritizing schools with the lowest green spaces/access to green spaces as determined by the District's 2022 Greening Index and in communities most affected by extreme heat and climate change.
- **Considerations:**
  - Leveraging data from CalEnviroScreen 4.0
  - Utilizing existing data and methodology to incorporate Early Education Center (EEC) site data – assigning these schools a Greening Index score.
- **Metrics/Tracking:**
  - Updating and Improving District-wide analysis tools and metrics that track progress towards greening goals

# Alignment with Codes & Other Program Requirements



Americans with  
Disabilities Act (ADA)

Division of the State  
Architect (DSA)

California Education  
Code



# Progress to Date



## Current Bond Funded Efforts ~ \$434.5M



### *With Greening as the Primary Scope*

- \$300M Playground and Campus Exterior Upgrades (Bond)
- \$5M Sustainable Environment Enhancement Developments for Schools (Bond)
- \$50M Outdoor Learning Environments (Bond)
- \$40M EEC Outdoor Classrooms (Bond)
- \$39.5M Greening Upgrades (ELOP)
- 24 CalFire Greening Grants – Awarded to Partners



# Current Bond Funded Efforts \$1.4 B



## *Greening Provided as Feasible*

*Projects include upgrades to outdoor areas impacted by construction – positively improving green/natural schoolyards:*

- \$840M Major Modernization Projects
- \$350M Classroom Replacement Projects
- \$186M Upgrades to High School Athletic Facilities
- \$70M Paving Replacement Projects

# Project Greening Analysis



## For Projects Currently Underway that include upgraded Schoolyards

- **Elementary Schools:**

Majority of projects yielded 22–30% green/natural schoolyards

- **Middle Schools and High Schools:**

Greening increased above 30% goal – inclusive of play fields and athletic fields

# Third Party Greening



## **2023 CalFire Grant: 24 Awarded projects**

### **Implementation Grants**

- Los Angeles Neighborhood Land Trust
- Hollywood Beautification Team
- TreePeople

### **Planning Grant**

- Council for Watershed Health – Awarded Planning grant for 8 LAUSD sites.

# Third Party Greening



## **State Grant Projects**

### **10 projects in planning/design**

- 52nd Street ES
- Wilmington MS
- Grant ES
- Esperanza ES
- Buchanan ES
- Middleton ES
- 107<sup>th</sup> St ES
- Wadsworth ES
- Kingsley ES
- Berendo MS

### **2 projects under construction**

- Compton Ave ES
- Pacoima MS

### **10 projects under feasibility studies**

- Safe Clean Water Program
  - SOCES
  - Reseda CHS
  - Hollenbeck MS
  - Sun Valley Magnet
  - Sun Valley Bus Garage
  - Enadia Way ES
  - Nestle Ave Charter
  - Soto St. Children's Center
  - Soto St. ES
  - Canoga Park HS







# **Discussion**

## **Help the Plan Succeed!**





# We need and value your input

## Primary Centers/Early Education Centers/Elementary Schools – 15 minutes

- 1) How do students use the Schoolyard?
- 2) Challenges
  - P.E. on School Sites
  - Maintenance
- 3) Priority Improvements
- 4) Other Uses

**Let's design greening projects to maximize students' mental health benefits.**

**Let's focus on increasing tree canopy shade.**


We need "nature-based" play areas for young students.

We should design greening projects to maximize curriculum tie-in.

# We need and value your input

## Middle Schools – 15 minutes

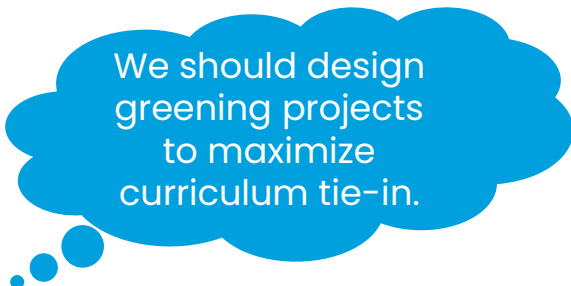
- 1) How do students use the Schoolyard?
- 2) Challenges
  - P.E. on School Sites
  - Maintenance
- 3) Priority Improvements
- 4) Other Uses




**Let's focus on increasing tree canopy shade.**



We need "nature-based" learning environments for students.



We should design greening projects to maximize curriculum tie-in.




**Let's design greening projects to maximize students' mental health benefits.**

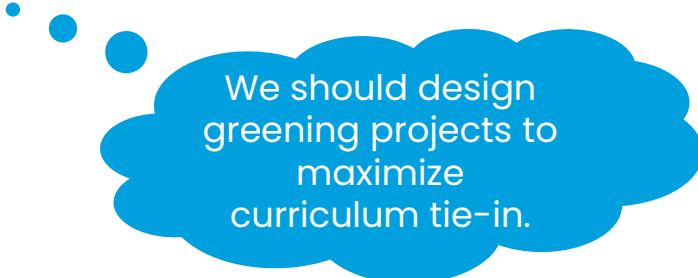
# We need and value your input

## High Schools – 15 minutes


- 1) How do students use the Schoolyard?
- 2) Challenges
  - P.E. on School Sites
  - Maintenance
- 3) Priority Improvements
- 4) Other Uses



**We should  
prioritize outdoor  
green areas that  
encourage  
physical activity**



We should design  
greening projects to  
maximize  
curriculum tie-in.



**Let's design  
greening projects  
to maximize  
students' mental  
health benefits.**

# Next Steps



# Survey

- **We invite and encourage you to participate in the Green Schoolyards Plan Stakeholder Survey**
  - The Goal of the survey is to gather **YOUR** feedback to support development of the District's **Green Schoolyards Plan**.
  - The seven (7) question survey should only take you a couple of minutes to complete.
  - **Your responses will help inform the development of the Plan to green schoolyards and positively impact student outcomes from providing green/natural spaces.**
- **Scan the QR Code Below to Begin**

Please visit [www.laschools.org](http://www.laschools.org) and under the Green Schools for All Resolution tab, click on the link titled *Green Schools for All Stakeholders Survey QR Codes – Multiple Languages*



**English**



**Spanish**

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## Next Steps

- Complete Plan and distribute to Board of Education
- Continue to collect and analyze data
- Continue to pursue funding sources



**LAUSD**  
**UNIFIED**

For more information:

## **FSD Community Relations**

Direct line: (213) 241-1340

Email: [community.relations@lausd.net](mailto:community.relations@lausd.net)

# Green Schoolyards for All Plan

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## STAKEHOLDERS SURVEY REPORT

2023

SEPTEMBER 8

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Los Angeles Unified School District  
Facilities Services Division





# Green Schoolyards for All Plan

## Stakeholders Survey Report

The following report displays the results of the “*Green Schoolyards for All Plan – Stakeholders Survey*”. The survey was developed with the primary goal of gathering environmental experts, community-based partners, educators, students, and families’ feedback to support development of the District’s Green Schoolyards Plan.

The stakeholders survey was posted in [www.laschools.org](http://www.laschools.org), under the Green Schools for All Resolution tab and was available in 7 different languages (English, Spanish, Tagalog, Farsi, Korean, Armenian, and Russian)

This report responds to Green Schools for All: Equitable Funding and Expansion of Green Spaces across District Campuses (Resolution-002-22/23)

***“The Plan must (..) Be developed in collaboration with environmental experts, community-based partners, educators, students, and families, and include future opportunities for community input as specific site plans are put together to leverage stakeholder voice, promote environmental stewardship, and create learning opportunities for students and families”***

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# The Survey

The survey consisted in eight (8) questions. The participant had to rank each option.

## 1. Are you a(n):

☐ Parent of an LAUSD student?

☐ LAUSD student?

Other: \_\_\_\_\_

## 2. Which school are you attending? \_\_\_\_\_

## 3. When it comes to a student's access to green schoolyard space on their campus, which is most important to you?

*1 = Less Important*

*5 = Very Important*

- ☐ Natural play areas (logs/stumps, decomposed granite, boulders, etc.)
- ☐ General shade from the sun
- ☐ Attractive and inviting appearance of school campus
- ☐ Trees
- ☐ Educational gardens (raised bed, edible, habitat, or native garden)
- ☐ Outdoor classrooms

## 4. Which do you feel the District should focus on when greening its schoolyards?

*1 = Less Important*

*5 = Very Important*

- ☐ Adding more trees/shade on schoolyards
- ☐ Providing natural play areas on school yards (logs/stumps, decomposed granite, boulders, etc.)
- ☐ Providing elementary schools with a grass playfield
- ☐ Adding more planted landscaped areas
- ☐ Creating Outdoor Classrooms with seating areas for the students
- ☐ Creating more learning gardens tied to curriculum
- ☐ Improving appearance of the school campus

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**5. For an Early Education Center or an elementary school campus, which features are most important to you?**

*1 = Less Important*

*5 = Very Important*

- ☐ Natural grass playfields
- ☐ Natural play areas (logs/stumps, decomposed granite, boulders, etc.)
- ☐ Planted landscaped areas other than playfields
- ☐ Trees
- ☐ Educational gardens (raised bed, edible, habitat, or native garden)
- ☐ Outdoor Classroom with seating area for students

**6. For a middle school campus, which features are most important to you?**

*1 = Less Important*

*5 = Very Important*

- ☐ Natural grass playfields
- ☐ Natural play areas (logs/stumps, decomposed granite, boulders, etc.)
- ☐ Planted landscaped areas other than playfields
- ☐ Trees
- ☐ Educational gardens (raised bed, edible, habitat, or native garden)
- ☐ Outdoor Classroom with seating area for students

**7. For a high school campus, which features are most important to you?**

*1 = Less Important*

*5 = Very Important*

- ☐ Planted landscaped areas other than playfields
- ☐ Trees
- ☐ Educational gardens (raised bed, edible, habitat, or native garden)
- ☐ Outdoor Classroom with seating area for students
- ☐ Athletic fields (baseball, softball, football, soccer)

**8. When it comes to climate-related concerns for students on a school campus, which of the following are most important to you?**

*1 = Less Important*

*5 = Very Important*

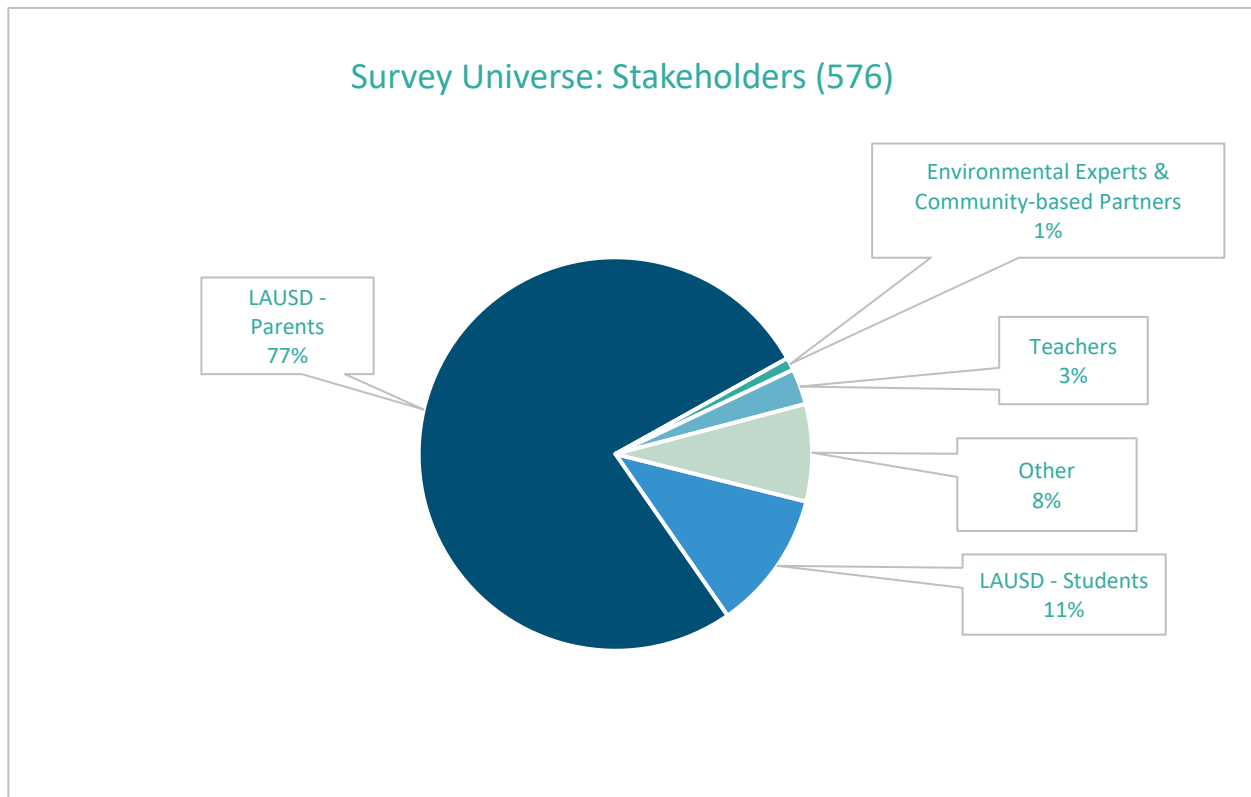
- ☐ Excessive heat on the schoolyard
- ☐ Air quality
- ☐ Appearance/health of plants or grass on school campus (dead grass/plants)
- ☐ Lack of shade on the schoolyard
- ☐ Water conservation



# The Results

The survey was completed by a total of 576 stakeholders. 77% of the participants were parents of LAUSD students.

## Question 1: Are you a(n)?



## Question 2: Which school are you attending? 156 Schools

66th Avenue  
6th Avenue  
7th Street Es Arts Integration Magnet  
93rd St Elementary  
Academy for Enriched Sciences  
Aldama Elementary  
Armstrong Middle School  
Arroyo Seco Museum Science Magnet

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Ascot Avenue Elementary School  
Atwater Avenue Elementary  
Balboa Elementary Magnet  
Baldwin Hills Elementary  
Bassett Street Elementary  
Beachy Ave Elementary School  
Beckford Ave Elementary School  
Braddock Drive Elementary  
Broadway Elementary School  
Bryson Elementary School  
Cabrillo Avenue Elementary  
Cahuenga Elementary School  
Camellia Ave Elementary School  
Canfield Elementary School  
Canyon Charter Elementary  
Carpenter Community Charter  
Carthay Elementary School  
Castelar Elementary School  
Castle Heights Elementary School  
Castlebay Lane Charter Elementary School  
Catskill Avenue Elementary School  
Chapman Elementary  
Charnock Road Elementary  
Cheremoya Ave Elementary School  
Chime Charter  
Christopher Dena Elementary School  
Cienega Elementary School  
City Terrace Elementary School  
Clifford Street Math and Technology Magnet School  
Coldwater Canyon Elementary School  
Colfax Charter Elementary School  
Commonwealth Ave Elementary School  
Community Magnet Elementary School  
Cowan Ave Elementary  
Dearborn Elementary  
Dixie Canyon Community Elementary  
Dorris Place Elementary School  
Dyer Elementary School  
Eagle Rock Elementary

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Eagle Rock Jr & Sr High School  
El Sereno Elementary School  
Elizabeth Learning Center  
Elysian Heights Arts Magnet  
Emerson Middle School  
Fair Avenue Elementary School  
Fluornoy Elementary School  
Franklin Ave Elementary School  
Garden Grove Elementary School  
Garvanza Elementary School  
Gault Street Elementary School  
Germain Elementary School  
Glen Alta Span School  
Glenfeliz Blvd Elementary School  
Grandview Boulevard Elementary  
Grant Elementary School  
Gulf Ave. Steam School & Magnet Center  
Hale Charter Academy  
Halzetine Elementary School  
Hamilton High School  
Hancock Park Elementary & Science Academy Stem Magnet  
Holmes Middle School  
International Studies Learning Center Middle School  
Irving Middle School  
Ivanhoe Elementary and Walter Reed Middle School  
John W. Mack Elementary School  
Katherine Johnson Stem Academy & Cowan Elementary  
Kentwood Elementary School  
Kester Elementary School  
Laces - La Center for Enriched Studies  
Lake Balboa College Prep  
Lawrence Middle School  
Legacy High School Complex  
Lexington Avenue Primary Center  
Lockhurst Elementary School  
Lockwood Avenue Elementary  
Lorne St. Elementary School  
Los Angeles Elementary School  
Louis Armstrong Middle School

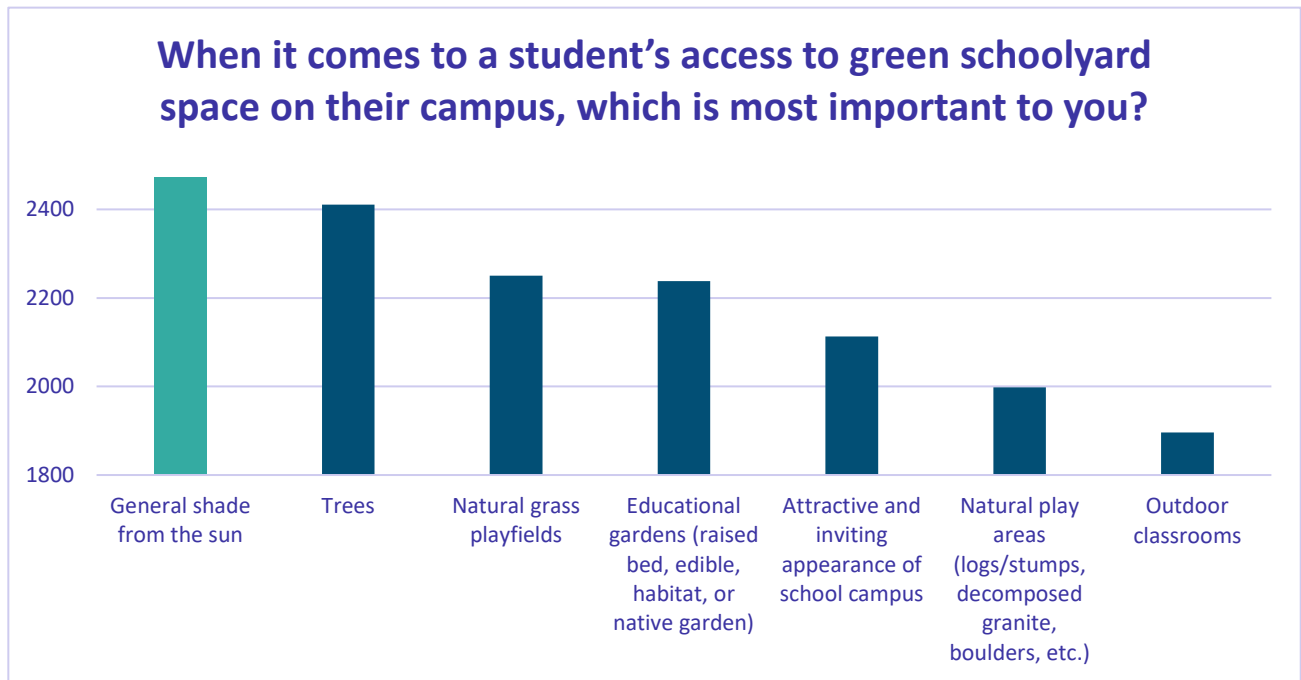
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Maple Primary Center  
Mar Vista Elementary School  
Mark Twain Middle School  
Marshall High School  
Maya Angelou Community High School  
Mayall Academy of Arts And Technology Magnet  
Maywood Academy High School  
Melrose Elementary School  
Meyler Street Elementary School  
Micheltorena Street Elementary School  
Miles Avenue Elementary School  
Montara Ave Elementary School  
Mt Washington Elementary School  
Multnomah Elementary School  
Nevada Elementary School  
Nobel Middle School  
North Hollywood High School  
Open Charter Magnet  
Orville Wright Ms  
Overland Elementary School  
Palisades Elementary School  
Palms Middle School  
Parmelee Ave And Dual Language School  
Paseo Del Rey Magnet School  
Paul Revere Middle School  
Poly Technic Highschool  
Pomelo Community Charter School  
Quincy Jones Elementary School  
Ranchito Elementary School  
Richard E. Byrd Middle School  
Richard Riordan Primary Center  
Richland Ave Elementary School  
Rio Vista Elementary  
Rising to Science Academy Stem Magnet At East Valley Hs  
Riverside Drive Charter  
Robert F Kennedy  
Rosemont Avenue Elementary School  
Roybal Learning Center  
San Antonio High School

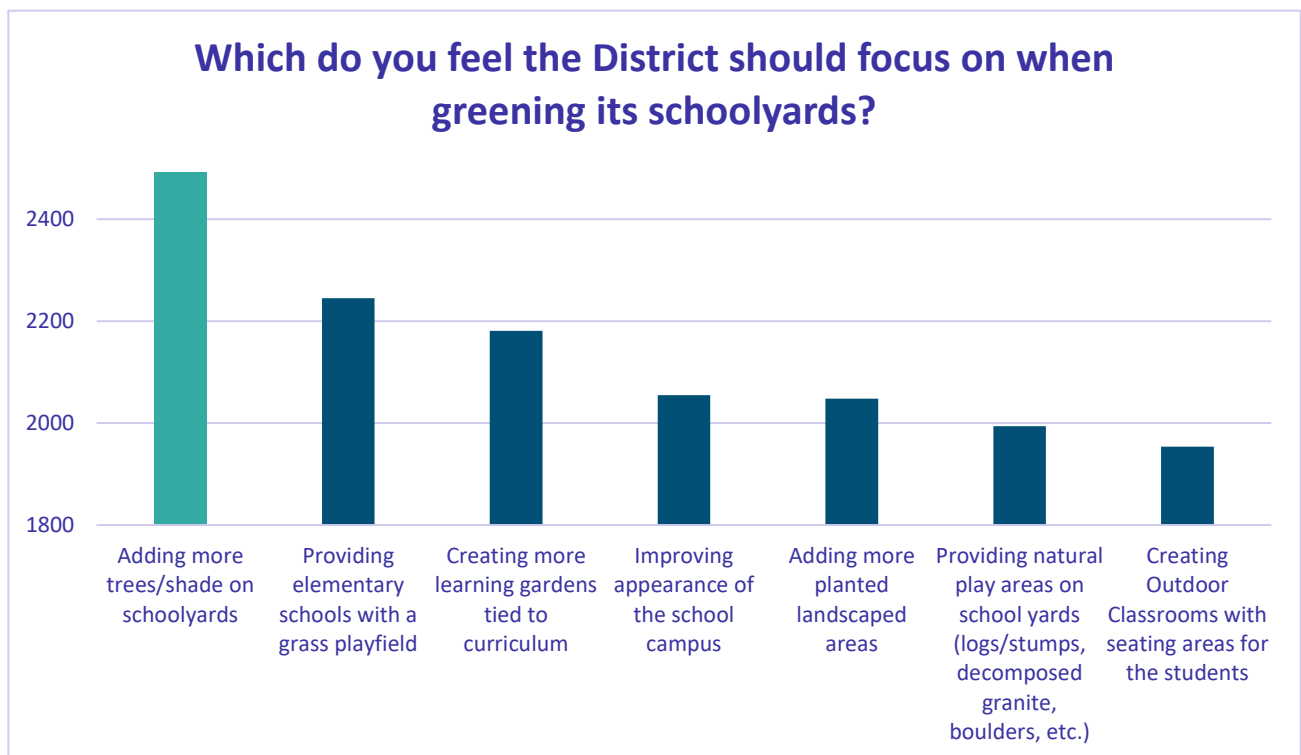
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San Pedro High School  
Saturn Street Elementary  
Serrania Charter for Enriched Studies  
Shenandoah EEC  
Sherman Oaks CES  
Stagg Street Elementary School  
Sunnybrae Elementary School  
Sylmar Charter High School  
Sylmar Elementary School  
Toluka Lake Early Education Center  
Topeka Charter  
Towne Avenue Elementary School  
University Charter High School  
Valley View Elementary School  
Van Deene Elementary School  
Van Gogh Elementary School  
Van Nuys Middle & High School  
Venice High School  
Virgil Middle School  
Rosemont Ave Elementary School  
Virtual Academy Arts & Entertainment  
Vista Del Valle Dual Language Academy  
Voces Magnet  
Walgrove Elementary School  
Webster Middle School  
Weemes Elementary School  
Westminster Elementary School  
Westport Heights Elementary School  
Woodlake Elementary Community Charter  
Woodland Hills Academy  
Wright Middle School

### Questions 3:

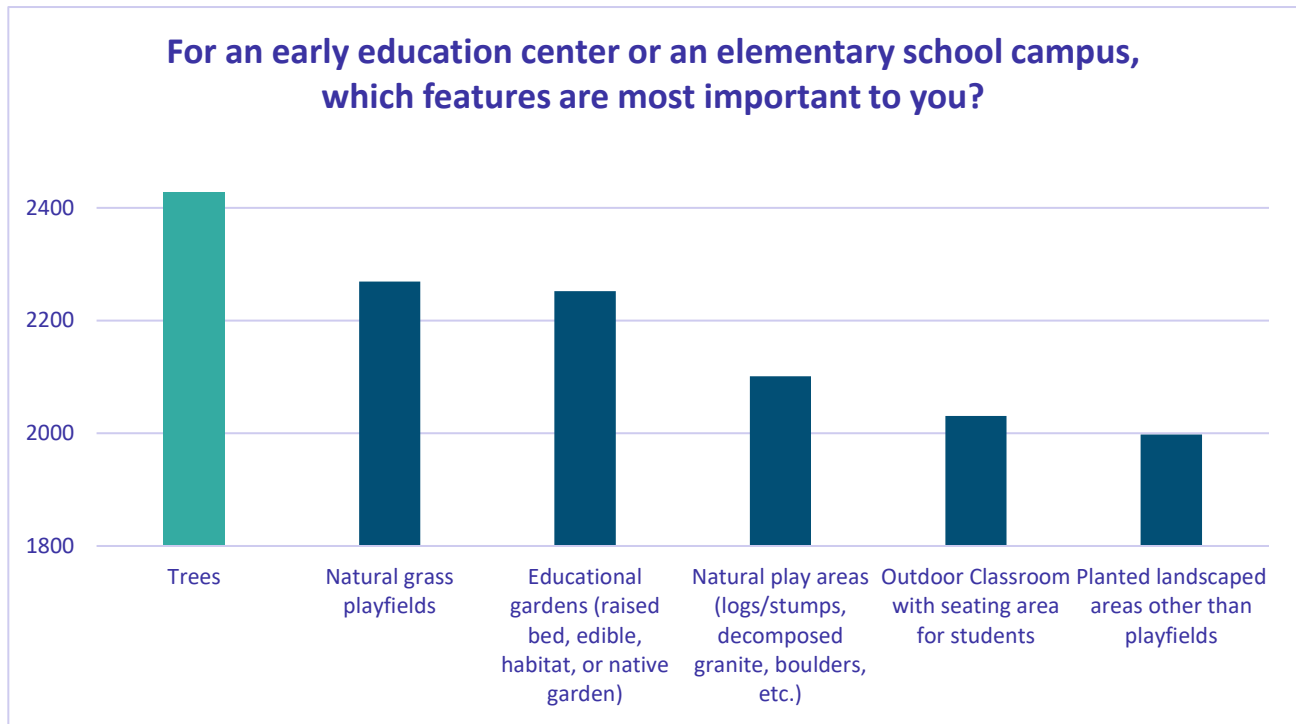


### Questions 4:

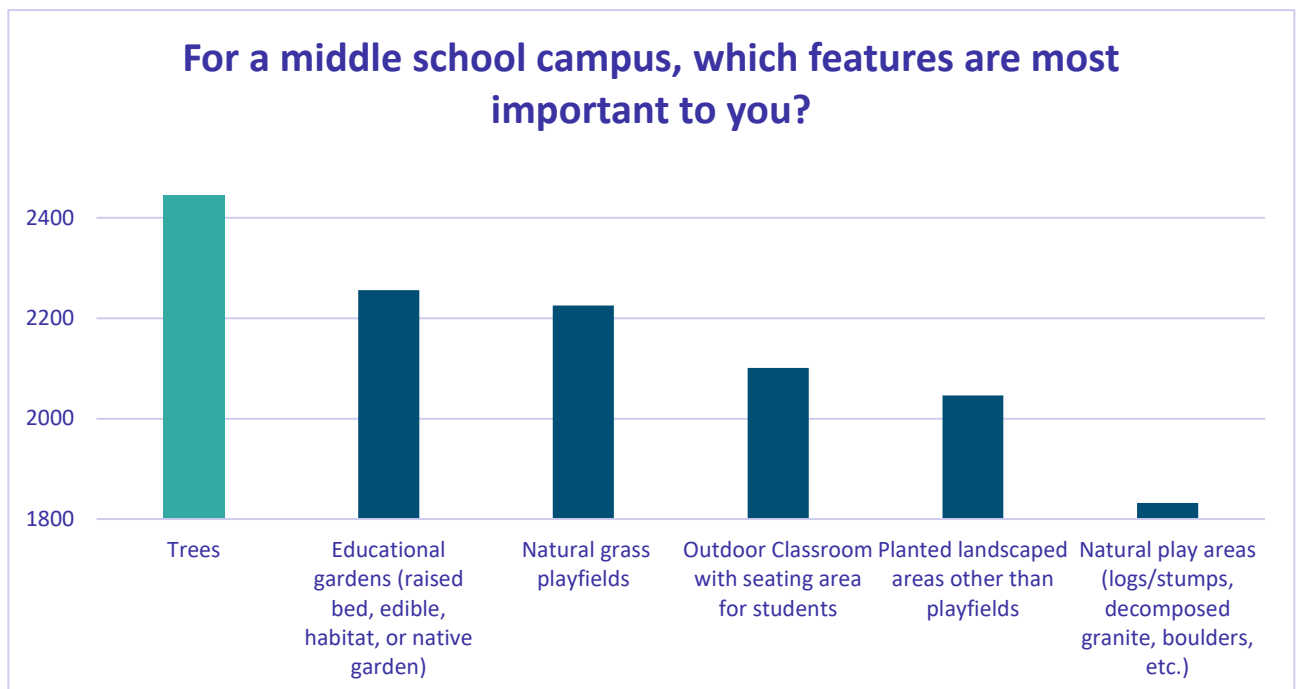




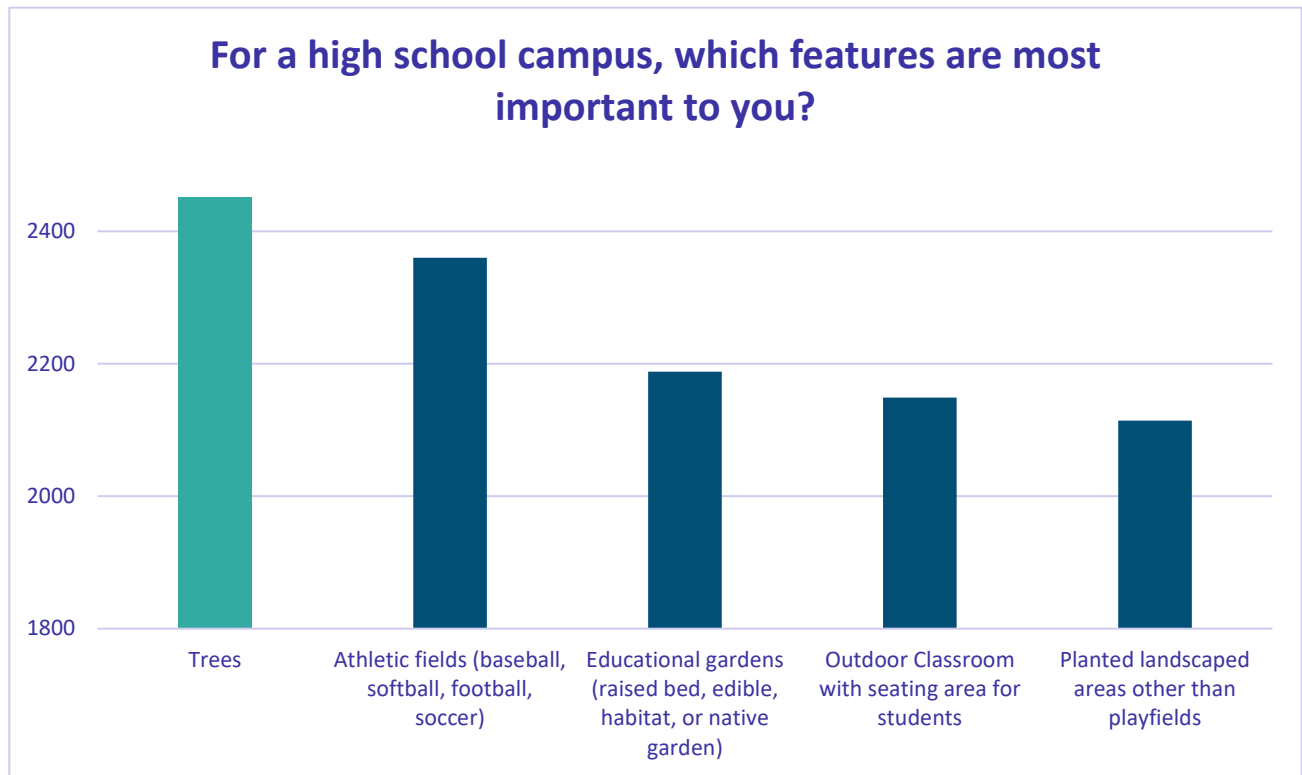
### Question 5:



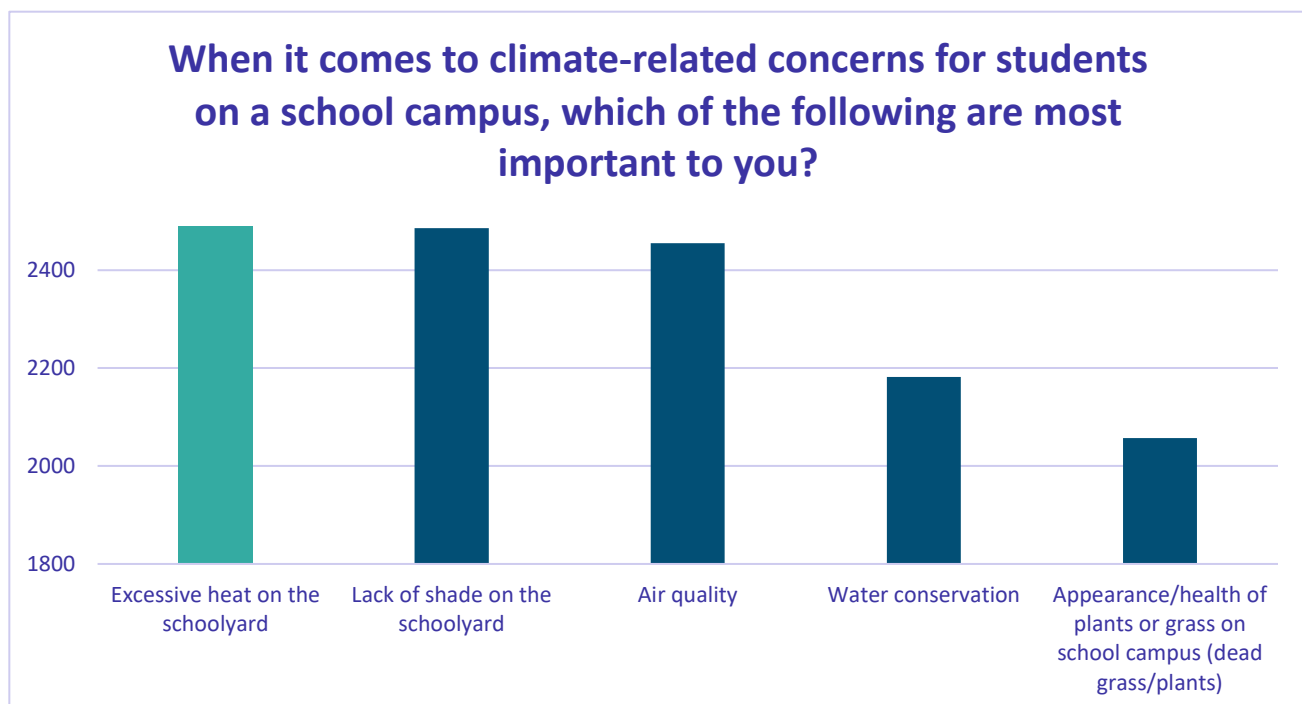
### Question 6:



### Question 7:



### Question 8:



# Comprehensive Modernization

## Ascot Avenue Elementary School

### UNDER CONSTRUCTION



--- Outline of Play Yard(s)  
--- Outline of "Green" Play Yard Areas

School Play Yard Overall Area  
= 97,895 SF

Target Green Play Yard Area  
= 29,369 SF 30%

School Green Play Yard Area  
= 6,522 SF (6%)

All areas are approximate



--- Outline of Play Yard(s)  
--- Outline of "Green" Play Yard Areas

School Play Yard Overall Area  
=94,856 SF

Target Green Play Yard Area  
= 28,457 SF 30%

School Green Play Yard Area  
=23,413 SF (25%)

Area required to meet green target:

All areas are approximate

Ascot Avenue Elementary School - Existing

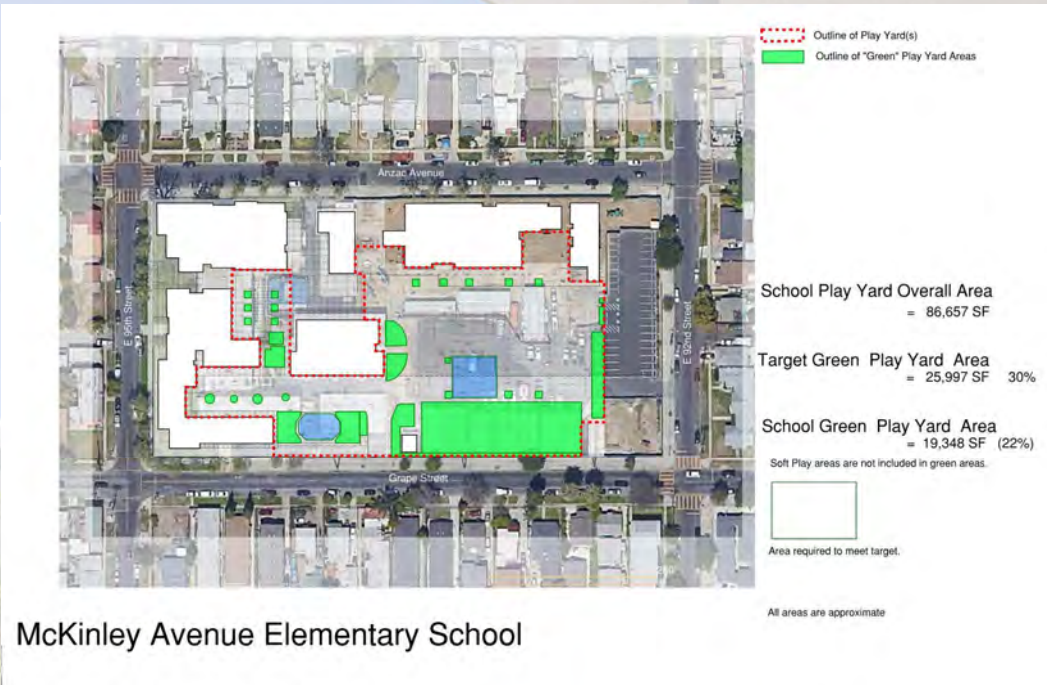
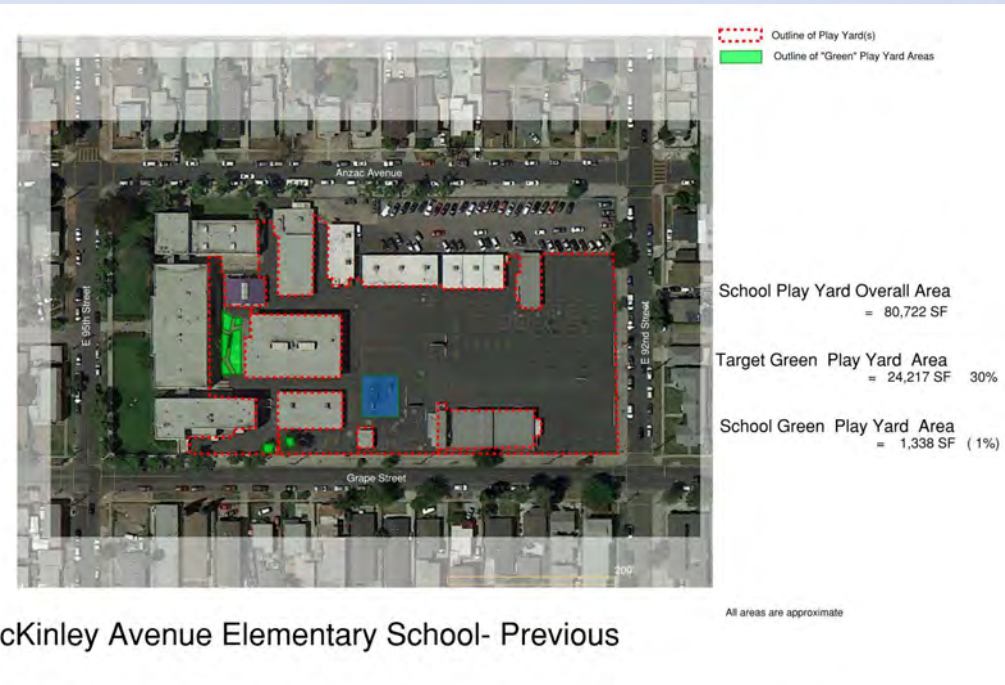
Ascot Avenue Elementary School





McKinley Avenue Elementary School

UNDER CONSTRUCTION





# Comprehensive Modernization

## Shenandoah Street Elementary School

### UNDER CONSTRUCTION



Outline of Play Yard(s)  
Outline of "Green" Play Yard Areas

School Play Yard Overall Area  
= 188,156 SF

Target Green Play Yard Area  
= 56,447 SF 30%

School Green Play Yard Area  
= 7,587 SF (4%)

All areas are approximate



Outline of Play Yard(s)  
Outline of "Green" Play Yard Areas

School Play Yard Overall Area  
= 145,684 SF

Target Green Play Yard Area  
= 43,705 SF 30%

School Green Play Yard Area  
= 52,352 SF (36%)

All areas are approximate

Shenandoah Street Elementary School - Existing

Shenandoah Street Elementary School





# Classroom Replacement

## 156th Street Elementary School

### COMPLETE



Outline of Play Yard(s)	
Outline of "Green" Play Yard Areas	
School Yard	Overall Area
	= 155,751 SF
Target Green School Yard Area	= 46,725 SF 30%
Current School Green School Yard Area	= 4,250 SF (2%)

All areas are approximate  
Perimeter parking areas not included in School Yards

156th Street Elementary School- Previous



Outline of Play Yard(s)	
Outline of "Green" Play Yard Areas	
School Yard	Overall Area
	= 137,875 SF
Target Green School Yard Area	= 41,362 SF 30%
Current School Green School Yard Area	= 21,080 SF (15%)

While the total green area provide increased by 5x,  
it did not reach the 30% target for the school yard.

Area required to meet the green target.

All areas are approximate  
Perimeter parking areas not included in School Yards

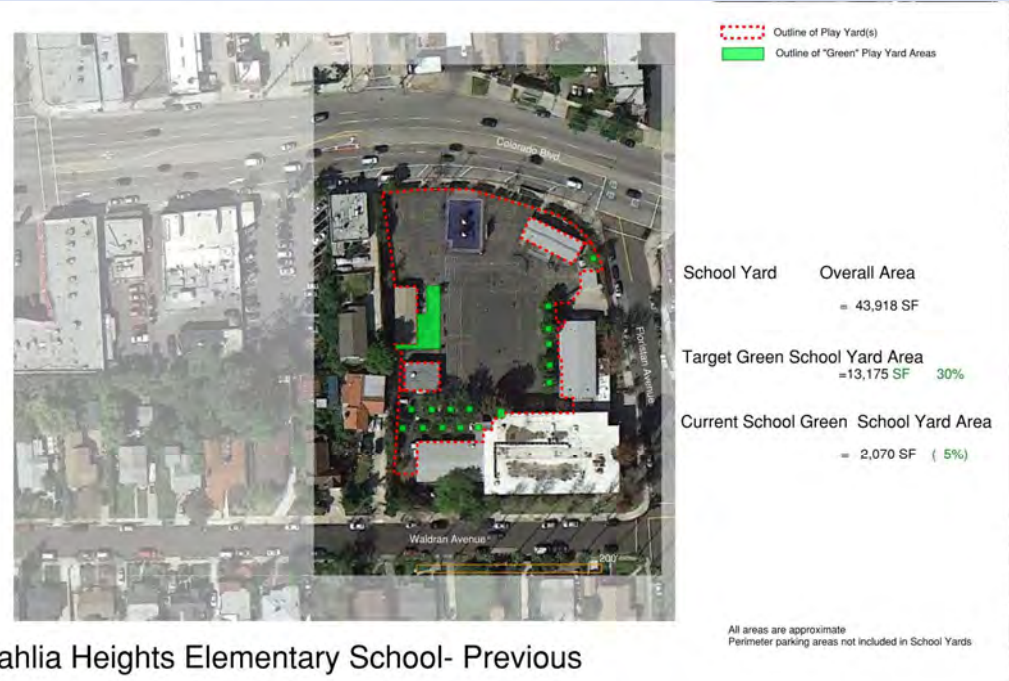
156th Street Elementary School- New



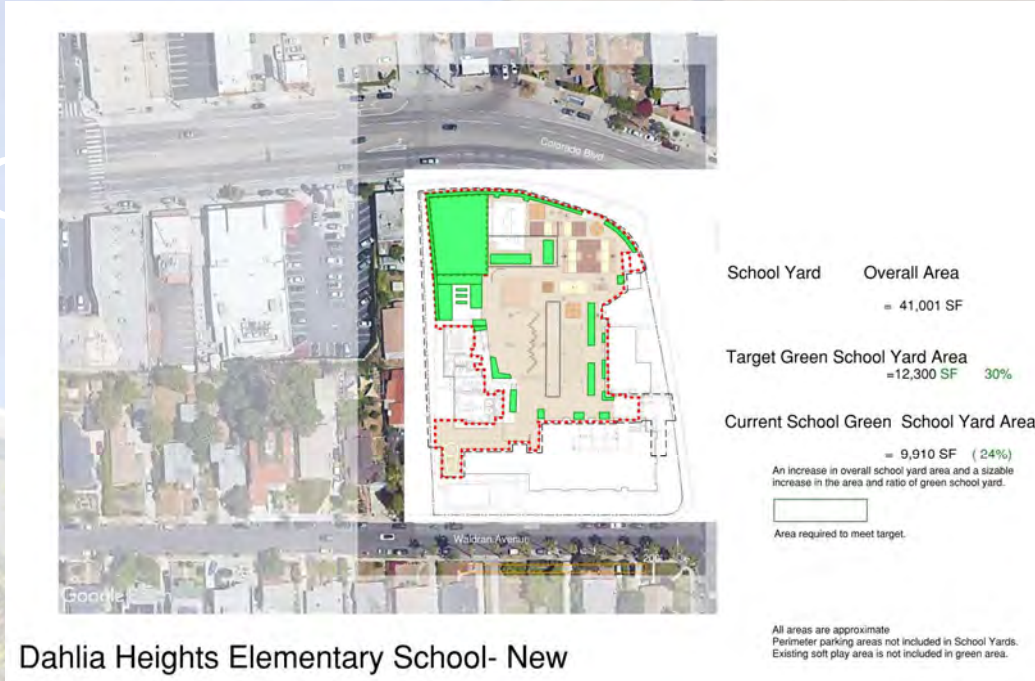


Dahlia Heights Elementary School

UNDER CONSTRUCTION



Dahlia Heights Elementary School- Previous



Dahlia Heights Elementary School- New





Wonderland Avenue Elementary School

COMPLETE



Wonderland Avenue Elementary School- Current



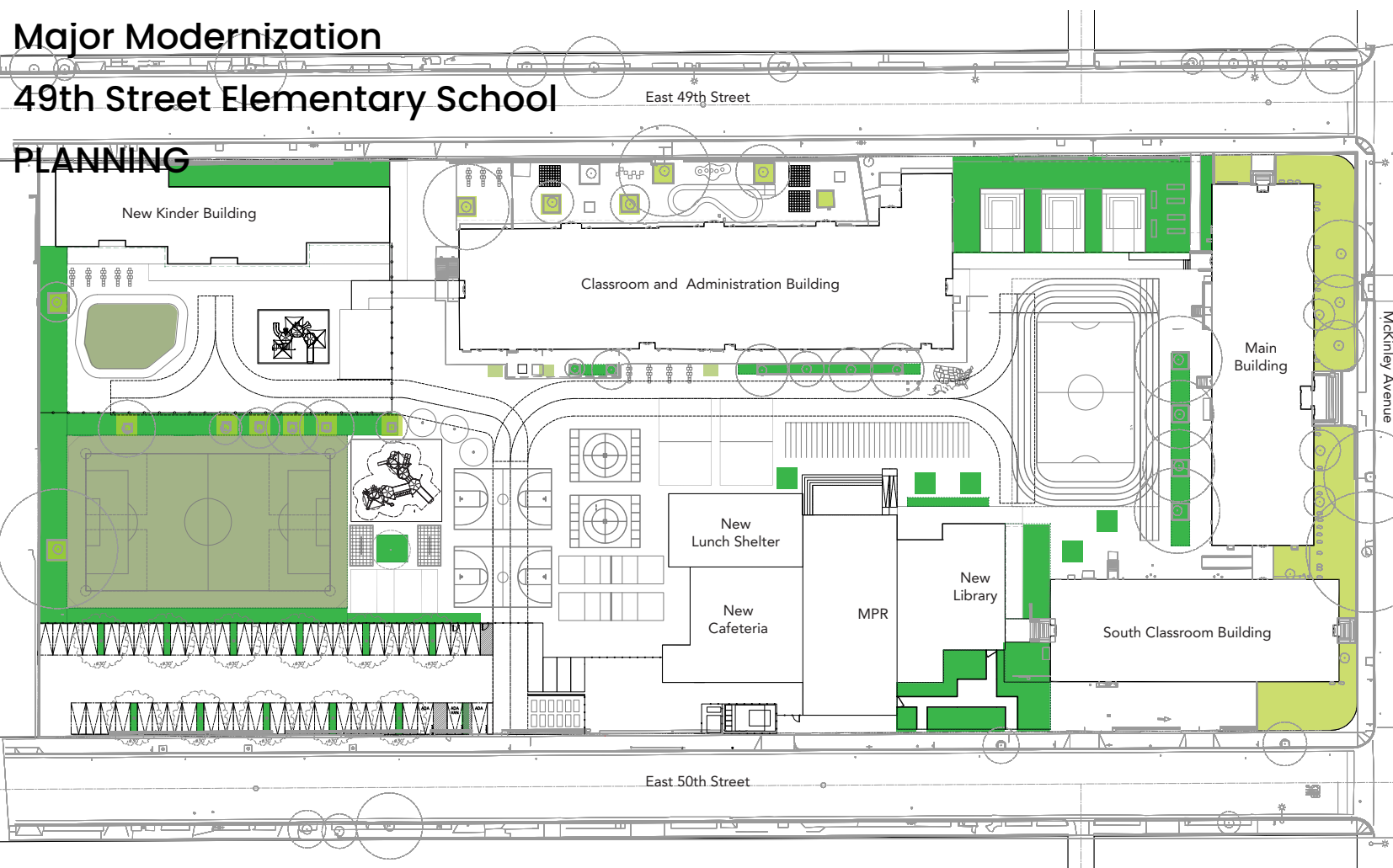
Wonderland Avenue Elementary School- New



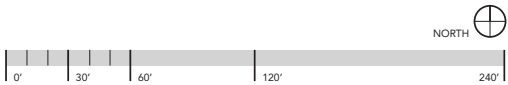
# Major Modernization

## 49th Street Elementary School

### PLANNING











Total Site Area	136,758
Total Landscape Area	43,500
Total Hardscape Area	94,601
Provided Landscape Area	31.80%
Required Landscape Area (30%)	41,027








# DESIGN

KEYNOTES		GENERAL NOTES		LEGEND	
0201	(N) INTERCOM ENTRY CAMERA/PHONE	1.	ALL BUILDINGS ARE EXISTING TO REMAIN		EXISTING BUILDING TO REMAIN, PROTECT IN PLACE
0201	(N) UPGRADES OF S.P.D.	2.	PROTECT ALL ADJACENT SURFACES NOT AFFECTED BY DEMOLITION.		NEW ASPHALT PAVEMENT, S.C.D.
A.05	(E) ACCESSIBLE PARKING	3.	PRESERVE AND PROTECT ALL ITEMS NOT IN SCOPE OF WORK.		NEW DECOMPOSED GRANITE, S.C.D.
M.02	(E) COMPLIANT CUP TO REMAIN	4.	CONTRACTOR IS RESPONSIBLE TO PATCH, REPAIR, & FINISH ALL WALLS, CEILINGS, & FLOORING AFFECTED BY & OR DAMAGED DURING DEMOLITION WORK.		NEW PERMEABLE PAVEMENT, S.C.D.
M.03	(E) CLOSET ACCESSIBLE RESTROOMS, 18" FROM GLE	5.	CONTRACTOR IS RESPONSIBLE TO VERIFY EXISTING DIMENSIONS PRIOR TO DEMOLITION.		PP CONCRETE, S.L.D.
M.04	(E) TOILET TO REMAIN	6.	SEE CIVIL, STRUCTURAL, MECHANICAL, PLUMBING & ELECTRICAL DWGS FOR ADDITIONAL INFO.		EXISTING TREE TO REMAIN, PROTECT IN PLACE
		7.	REFER TO A.6.10 FOR DOOR AND HARDWARE SCHEDULE		EXISTING PLAY EQUIPMENT
					ADA PATH OF TRAVEL



**LOS ANGELES UNIFIED  
SCHOOL DISTRICT**

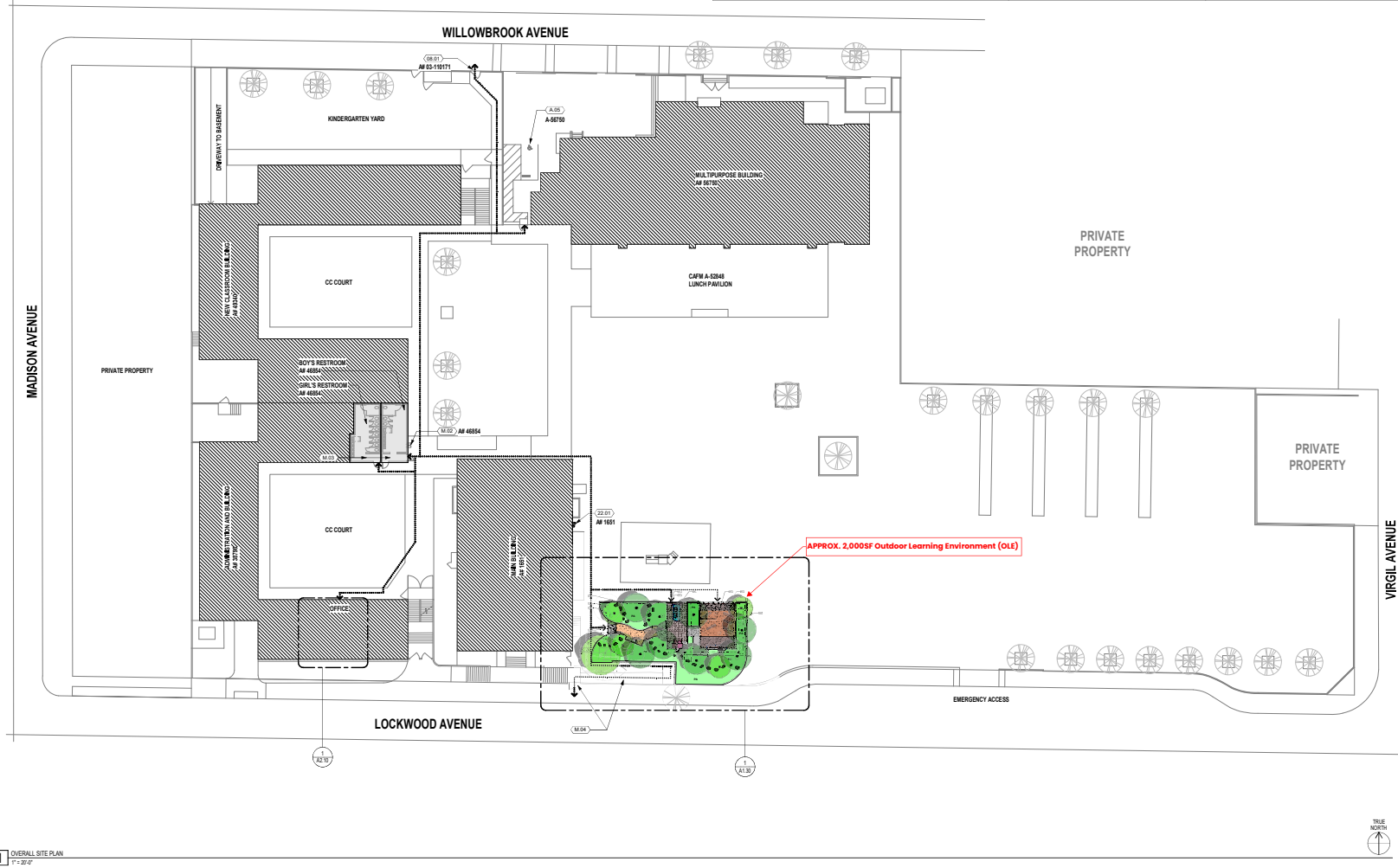
**ASSET MANAGEMENT  
FACILITIES SERVICES DIVISION**

1155 S. BRUNNEN AVENUE SUITE 200  
INGLEWOOD, CA 90301


Division of the State Architect

# APPENDI

DRW APPLICATION NO. 20-000000X



# APPENDIX 7



**LOS ANGELES UNIFIED  
SCHOOL DISTRICT**

**ASSET MANAGEMENT  
FACILITIES SERVICES DIVISION**

353 S. BEAUDRY AVENUE, 23RD FLOOR  
LOS ANGELES, CALIFORNIA 90017

PROJECT TITLE AND SCHOOL LOCATION

LOCKWOOD AVENUE  
ES - OUTDOOR  
LEARNING  
ENVIRONMENT

LOCKWOOD AVENUE ELEMENTARY SCHOOL  
4345 LOCKWOOD AVENUE, LOS ANGELES, CA 90029  
C.O.L.I.N. NO: 10573008

**dsd**  
DIGITAL SIGNAL DESIGN

525 Natoma Street, Suite 200, San Francisco, CA 94103  
t 415.833.6478 / f 415.833.7984

1530 Savelle Blvd., Suite 14, Los Angeles, CA 90025  
t 310.254.2263 / f 415.833.7984

6700 Hill Center Parkway, Suite 113, Pleasanton, CA 94566  
t 925.484.5245 / f 925.484.5265

863 Hill Street, San Luis Obispo, CA 93405  
t 805.541.4804 / f 805.543.0800

**:DRAFT, NOT FOR CONSTRUCTION:**

## SITE PLAN AND SITE ACCESSIBILITY PLAN

A1.10

Canterbury Avenue Elementary School

COMPLETE



<div><div></div></div>	Outline of Play Yard(s)
<div><div></div></div>	Outline of "Green" Play Yard Areas
School Yard	Overall Area
170,468+80,845	= 251,313 SF
Target Green School Yard Area	= 75,394 SF 30%
Previous School Green	School Yard Area
= 70,728 SF	(28%)

All areas are approximate  
Perimeter parking areas not included in School Yards



<div><div></div></div>	Outline of Play Yard(s)
<div><div></div></div>	Outline of "Green" Play Yard Areas
<div><div></div></div>	Outline of SEEDS Project
School Yard	Overall Area
170,468+80,845	= 251,313 SF
Target Green School Yard Area	= 75,394 SF 30%
School Green	School Yard Area
= 73,247 SF	(29%)

All areas are approximate  
Perimeter parking areas not included in School Yards

Canterbury Avenue Elementary School- Current (SEEDS)



Glenfeliz Boulevard Elementary School  
COMPLETE



Glenfeliz Boulevard Elementary School- Previous



Glenfeliz Boulevard Elementary School- Current - (SEEDS)

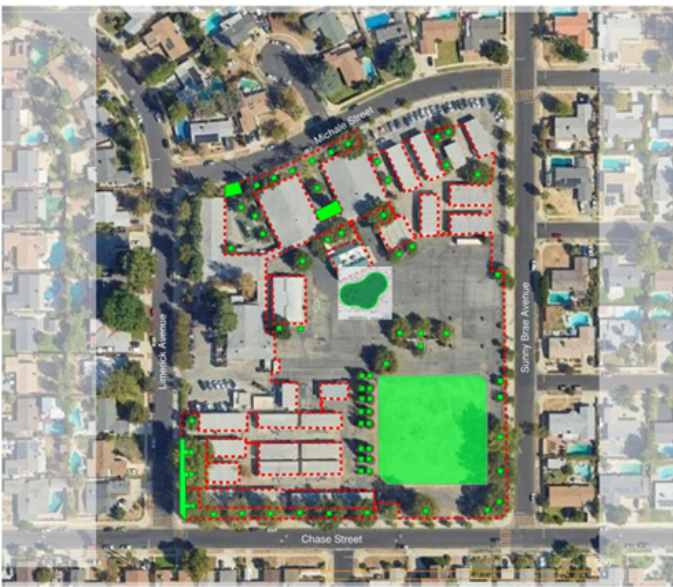
Limerick Avenue Elementary School  
CONCEPT PLAN



<div><div></div>Outline of Play Yard(s)</div> <div><div></div>Outline of "Green" Play Yard Areas</div>	
School Yard	Overall Area
16,586+16,154+168,294	= 201,034 SF
Target Green School Yard Area	= 60,310 SF 30%
Current School Green	School Yard Area
= 38,429 SF	( 19%)

All areas are approximate  
Perimeter parking areas not included in School Yards

Limerick Avenue Elementary School- Previous



<div><div></div>Outline of Play Yard(s)</div> <div><div></div>Outline of "Green" Play Yard Areas</div> <div><div></div>Outline of SEEDS Project</div>	
School Yard	Overall Area
16,586+16,154+168,294	= 201,034 SF
Target Green School Yard Area	= 60,310 SF 30%
New School Green	School Yard Area
38,429+2,977	= 41,406 SF ( 20%)

All areas are approximate  
Perimeter parking areas not included in School Yards

Limerick Avenue Elementary School- New (SEEDS)



## Gledhill EEC

## COMPLETE



# Playground and Campus Exterior Upgrades

## Plummer Elementary School

### CONCEPT PLAN



#### KEY NOTES

- 1 (E) TREES
- 2 (N) TREES
- 3 (N) GRASS FIELD
- 4 (N) ASPHALT PAVING W/ SOLAR REFLECTIVE COATING
- 5 (N) 6" W x 8" D CONCRETE EDGER, TYP.
- 6 (N) OUTDOOR LEARNING ENVIRONMENT W/ PERMEABLE PAVERS
- 7 (N) DISCOVERY STATIONS WITH PERMEABLE PAVER AND P.I.P. CONCRETE BENCH
- 8 (N) EVENT PLAZA W/ STAGE & PERMEABLE PAVERS
- 9 (N) LOW WATER USE PLANTS
- 10 (E) FIRE LANE
- 11 (N) PARKING LOT PAVING PERMEABLE ASPHALT
- 12 (N) P.I.P. CONCRETE BENCH
- 13 (N) WATER INFILTRATION GARDEN
- 14 (E) SEEDS GARDEN
- 15 (E) KINDER YARD
- 16 (N) PERMEABLE PAVERS
- 17 (E) PLAY STRUCTURE ON RUBBER MAT
- 18 (E) GREENING AT FRONT OF SCHOOL
- 19 (N) DECOMPOSED GRANITE PATH
- 20 (N) CONCRETE PAVERS

#### PLAY STATIONS

MAIN PLAYGROUND	EXISTING	PROPOSED
RUNNING TRACK	1	1
BASKETBALL COURTS	2	2
HANDBALL COURTS	2	2
MULTI-GAME COURTS	3	3
HOPSCOTCH	8	11
TETHERBALL	2	2
FOURSQUARE	8	7
KICKBALL	8	2

#### DISCOVERY STATION ACTIVITIES

- BUILDING AREA
- MUSICAL & MOVEMENT AREA
- NATURE ART AREA
- CLIMBING AND BALANCE AREA
- GATHERING AREAS

#### NOTES

- THE SCHOOL IS TO RECEIVE NEW PERIMETER FENCING.
- SCHOOL BUILDINGS ARE TO RECEIVE NEW EXTERIOR PAINT.

#### EXTERIOR UPGRADES PLAYGROUND CONCEPT PLAN

PLUMMER ELEMENTARY SCHOOL  
9340 NOBLE AVENUE  
NORTH HILLS, CA



Property	Primary Tenant	TYPE OF USE	TYPE OF AGREEMENT
1 Banning High School	City of LA RAP	SWIMMING POOL (On LAUSD Property - City owned ) - Active use for school under RAP supervision and for public use after-school hours and on weekends	JUA
2 Bell High School - 4328 Bell	City of Bell	SWIMMING POOL (LAUSD) - Pool and pool building - Summer use only for the	JPA
3 Bethune MS, Northridge	City of LA RAP	Community School Park - Outdoor playground and field	JPA - In progress
4 Cisneros - 1018 Mohawk St., Los Angeles	City of LA (St. Barnabas: Provider)	Echo Park Senior Center (LAUSD) - Exclusive use by City of LA to provide senior services to the community	JPA
5 Cleveland Senior High	City of LA RAP	SWIMMING POOL (On LAUSD Property - City owned ) - Active use for school under RAP supervision and for public use after-school hours and on weekends	JUA
6 Cleveland Senior High	City of LA RAP	Field improvements	JUA
7 Contreras LC (Miguel) 322 S Lucas Ave LA	TBD as of 6/30/21	Joint Use of Athletic Facilities by Operator of 1215 Miramar St.	JUA
8 Crenshaw High School	City of LA RAP	SYNTHETIC -Football Field; Running Track; Staff/Faculty Parking Lot; Shared Restrooms, as identified by DISTRICT.	JUA
9 Dymally High School	City of LA RAP	SWIMMING POOL, Softball and Football Field (LAUSD) - Proposed use pool: for school under RAP supervision and for public use after-school hours and on weekends	JPA - In progress
10 Fremont High School	City of LA RAP	SWIMMING POOL (On LAUSD Property - City owned ) - Active use for school under RAP supervision and for public use after-school hours and on weekends	JUA

	Property	Primary Tenant	TYPE OF USE	TYPE OF AGREEMENT
11	Fremont High School 7676 S San Pedro St	Los Angeles Neighborhood Land Trust	Garden - Approx one (1) acre portion for development and operation of a garden with greenhouse - Garden programs provided for students during the school day; public use after-school hours and on the weekends	JUA
12	Gardena High School 1301 W 182nd St Gardena	BHC Sage Park, LP (Bridge Housing Corp.)	Housing developmen - Community room/Gallery Space	Ground Lease & JUA
13	Glassell Park Elementary School 2211 W Avenue 30 LA	Glassell Park LP- Abode Communities	Housing development - playground, restrooms and storage space	Ground Lease & JUA
14	Irving Middle School	City of LA RAP	Synthetic turf sports field and track, grass sports field, field lights and restrooms - Used by students during the school day; by the public after-school hours and on the weekends	JUA
15	LACES (LA Center for Enriched Studies)	City of LA RAP	SWIMMING POOL (LAUSD) - Active use for school under RAP supervision and for public after-school hours and on weekends	JUA
16	Legacy High School Complex - 5225 Tweedy Blvd., South Gate	City of South Gate	One baseball field; two softball fields; lights, restrooms, parking, storage - Used by students during the school day; by the public after-school hours and on the weekends	JPA
17	Monroe High School 9229 Haskell Ave North Hills	County of Los Angeles - CEO	Wellness Center (On LAUSD Property - County owned) built on a portion of Monroe HS	JPA
18	Norwood St ES 2020 Oak St LA	Thomas Safran & Associates	Ground lease for construction of Housing and Tenant Parking	Ground Lease & JUA



	Property	Primary Tenant	TYPE OF USE	TYPE OF AGREEMENT
19	Nueva Vista ES 4412 Randolph St Bell	City of Bell	Athletic field, field lights & restrooms - Used by students during the school day; by the public after-school hours and on the weekends; City of Bell maintains the fields and restrooms	JPA
20	Orchard Academies 6411 Orchard ave	City of Bell	Proposed Use: Athletic field, field lights & restrooms - In negotiation - used by students during the school day; by the public after-school hours and on the weekends	JPA - In progress
21	Robert F. Kennedy (RFK) Complex	City of LA RAP	1/3 acre on the NW corner of the School, RFK Inspiration Park - RAP maintains a passive park with public use; no school use	JUA
22	Roosevelt Senior High San	City of LA RAP	SWIMMING POOL (On LAUSD Property - City owned ) - Active use for school under RAP supervision and for public after-school hours and on weekends	JUA
23	Fernando Senior High 11133 O'Melveny Ave San Fernando	County of Los Angeles - CEO	Teen Health Center (On LAUSD Property - County owned) built on a portion of San Fernando HS	JPA
24	Selma Elementary School - 6611 Selma Ave LA	Abode Communi ties	Housing development & parking	Ground Lease & JUA
25	University Senior High 11800 Texas Ave	YMCA of Metropolit an Los Angeles	Ground lease for construction of gym and recreation & multi-purpose center for joint use by YMCA and LAUSD.	JUA
26	Venice High School	City of LA RAP	SWIMMING POOL (On LAUSD Property - City owned ) - Active use for school under RAP supervision and for public after-school hours and on weekends	Ground Lease & JUA

	Property	Primary Tenant	TYPE OF USE	TYPE OF AGREEMENT
27	Walnut Park ES 2642 Olive St Huntington Pk	County of Los Angeles Department of Parks and Recreation	Proposed Use: School playground and Nature Park (LAUSD) - County use after-school hours and on the weekends	JPA - In progress
28	White ES - 2401 Wilshire Blvd., LA	LACMA	Art Gallery - Art programs provided for students during the school day; public use after-school hours and on the weekends	Shared Use Agreement
29	Wright MS - 6550 W. 80th St., Los Angeles	Emerson Avenue Community Garden Club	Garden - Student use during the school day; garden for public access after-school hours and on the weekends	JUA
#	Yosemite Park Rec Ctr - City Facility	Eagle Rock High School	SWIMMING POOL (City) - Active use for school under RAP supervision during the school year	JUA