

opportunity

In school design, we have the **opportunity** to profoundly impact every child in their most formative years. Partnering with our clients, we share a common mission to give children and young adults the best chance for success as they prepare for their futures. Please accept this invitation to share our stories of opportunity. We hope you will find this book a source of inspiration, today and in the future.

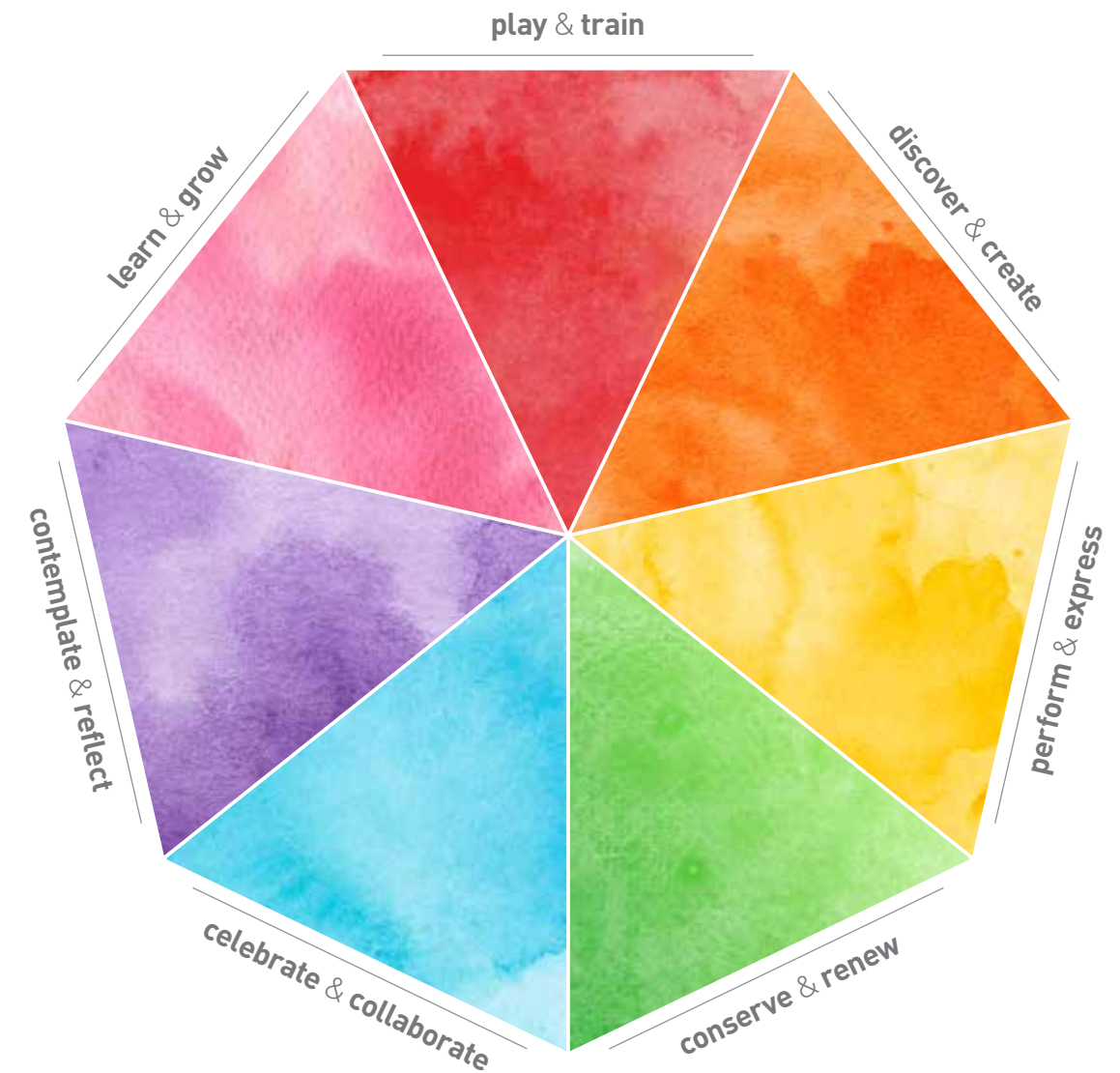
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HED

Howard Gardner introduced the idea of multiple intelligences as a way of understanding the individual strengths of different learners and the varied ways in which they excel.

His eight different intelligences consist of linguistic, logical/mathematical, spatial, bodily-kinesthetic, musical, interpersonal, intrapersonal and naturalist. In response, we are increasingly defining spaces relative to activity and interaction rather than rigid programs.

The color wheel (at right) suggests a **spectrum of action verbs** reflecting the interrelationship of learning intelligences and spaces to accommodate them. As we create spaces for students of all ages, we aspire to apply the nimble, light brushstroke of a watercolorist.



The image features a solid purple background. On the left side, there are two large, white, curved shapes that resemble stylized arches or the top portions of letters. These shapes are positioned vertically, with the top one slightly higher than the bottom one. They are both oriented towards the right. The bottom one is wider and more rectangular, while the top one is narrower and more curved.

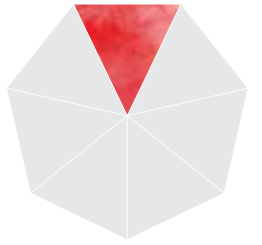
“The HED team is very professional, efficient, and successful at integrating new structures into existing campuses. When people see and experience the new building, **it feels like it has always been a part of the campus.**”

– Polly Bove | Superintendent
Fremont Union High School District



play & train

In educational environments, we strive to equally address body, mind and spirit. Our goal is to create healthy indoor/outdoor environments – great places for physical education, fitness and active exploration.





This expansive stadium renewal project brought new life for play and athletics as a focal point for students from four neighboring high schools.



HED



A versatile event center and state-of-the-art athletic facility are grouped around a 'Hall of Fame' that celebrates community heritage and inspires achievement and the opportunity to excel.



“We are in the business of making positive change for our clients. This starts with having open minds and open hearts as we learn about their goals. Then we get the opportunity to show them what is possible.”

– **Jennette La Quire** AIA, NCARB, LEED AP ID+C
Business Leader, Pre-K12





HED



This new athletic complex provides a long-anticipated multi-use gymnasium with natural light pouring in from the second level. The remainder of the project will feature a multi-level event center and swimming pool. Taken together with the school's stadium and entry portal on Cowboy Alley, it creates an entry to a space which proudly shows the strong athletic identity of this school and community.





HED



We design a diversity of dynamic, inspiring venues for fitness and competition – whether it is a terraced gymnasium flooded with natural light, an urban rooftop playground, or a sparkling outdoor olympic-sized pool.





“Working with HED has been a highly positive experience and I feel as if the building we are creating will be forerunner to support education now and in the future. If you are looking to create an innovative and effective high school, **you will be challenged to find a better firm and partner than HED.**”

– Carey Upton | Chief Operations Officer
Santa Monica-Malibu Unified School District



discover & create

Hands-on and project-based learning create direct and relevant experiences that make direct connections between ideas and day to day experiences. They require dynamic, action-oriented settings for creative exploration.





HED



STEAM is synonymous with active discovery and invention. This building groups a maker space, lab and art studio with global studies and student leadership around a light-filled central staircase.





HED



Flexible science labs and up-to-date career technical education suites provide hands on learning practicum in professional and vocational pathways.

“To collaboratively shape the learning environment and provide better, healthier and safer spaces for our students has been one of the most rewarding aspects of my work. It has been a privilege to have the opportunity to work with our future students and educators during my time in this profession.”

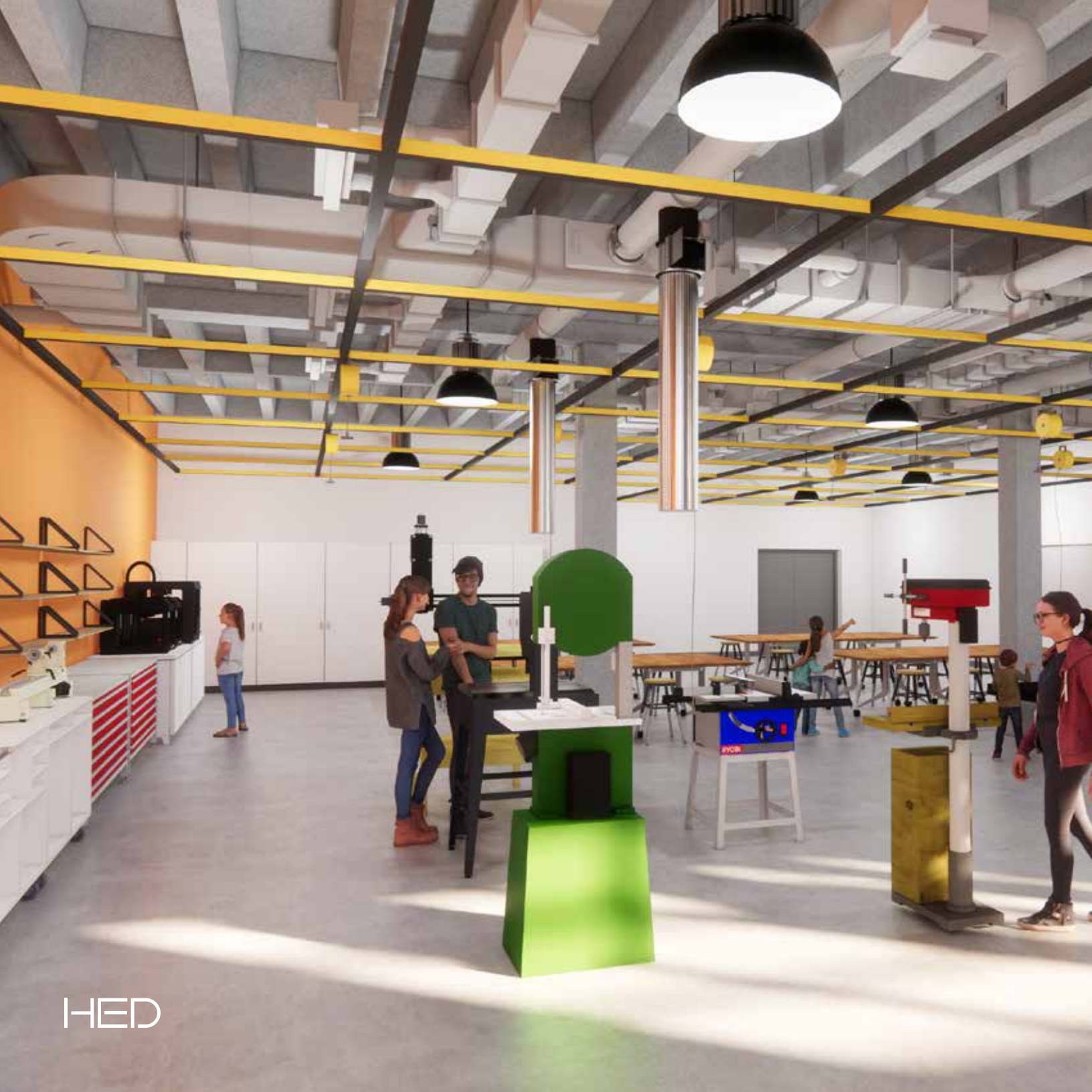
— **Ola Roos** LEED AP
Associate Principal, Project Manager | Dallas






Innovative spaces offer new opportunities for hand-on teaching and learning: The 'Super Lab' links two adjacent labs with roll up doors and skylights; A traditional vocational program is transformed into a series of indoor and outdoor interconnected workshops demonstrating construction and engineering design principles.





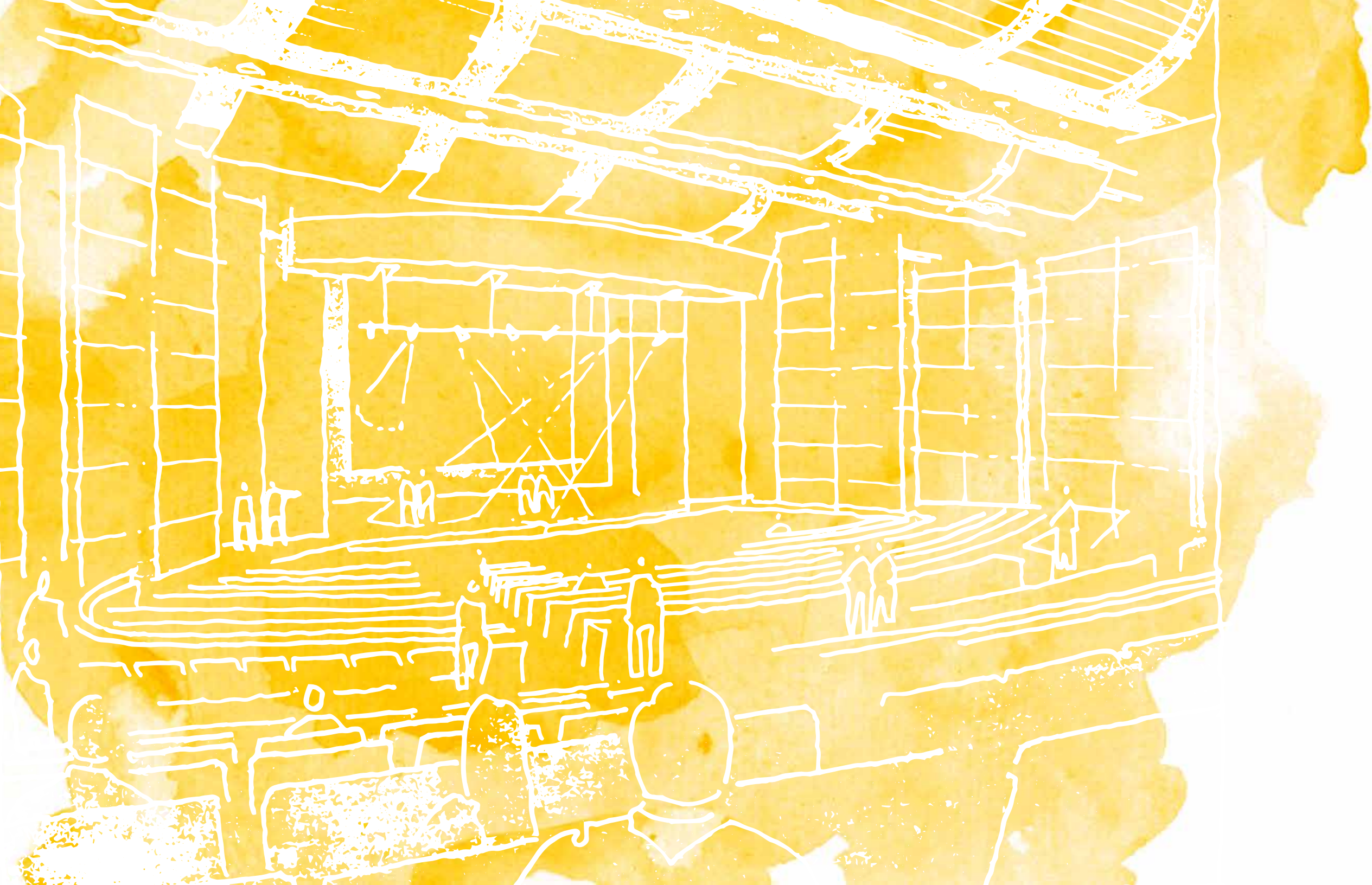
Through collaboration, STEM and Magnet Schools can engage private corporations, community groups and neighborhood groups to expand the experience for students, as well as provide a path forward after graduating.



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**“I love the process of iteration
we’ve gone through.** It’s exactly
what I teach. It’s been a very
steam-y process to come up
with a STEAM space.”

– Nick Ponticello | STEAM Coordinator
Flintridge Preparatory School



perform & express

The spirit is nourished by the arts – music, fine arts, theater and more. We create memorable settings that draw on the unique talents of students at all age levels, inviting both collective performance and self-expression.





HED



Performing arts centers often serve as an iconic public landmark bringing a sense of identity to community. This contemporary facility treats the lobby as a third room for events and gatherings that expands through folding glass walls to the loggia beyond.





HED



A contemporary performing arts facility can bridge current performance and teaching needs with a historic architectural heritage, creating a venue that is both refreshing and inspiring while seamless with its context.


“I am honored to collaborate every day with our education and community clients and partners. **I am committed to creating innovative, sustainably responsible, high performance environments** that elevate and enhance user engagement, equity, health, and wellness to optimize positive community outcomes.”

— **Mary Ruppenthal** AIA, LEED AP, DBIA
Associate Principal, Sector Leader | Sacramento



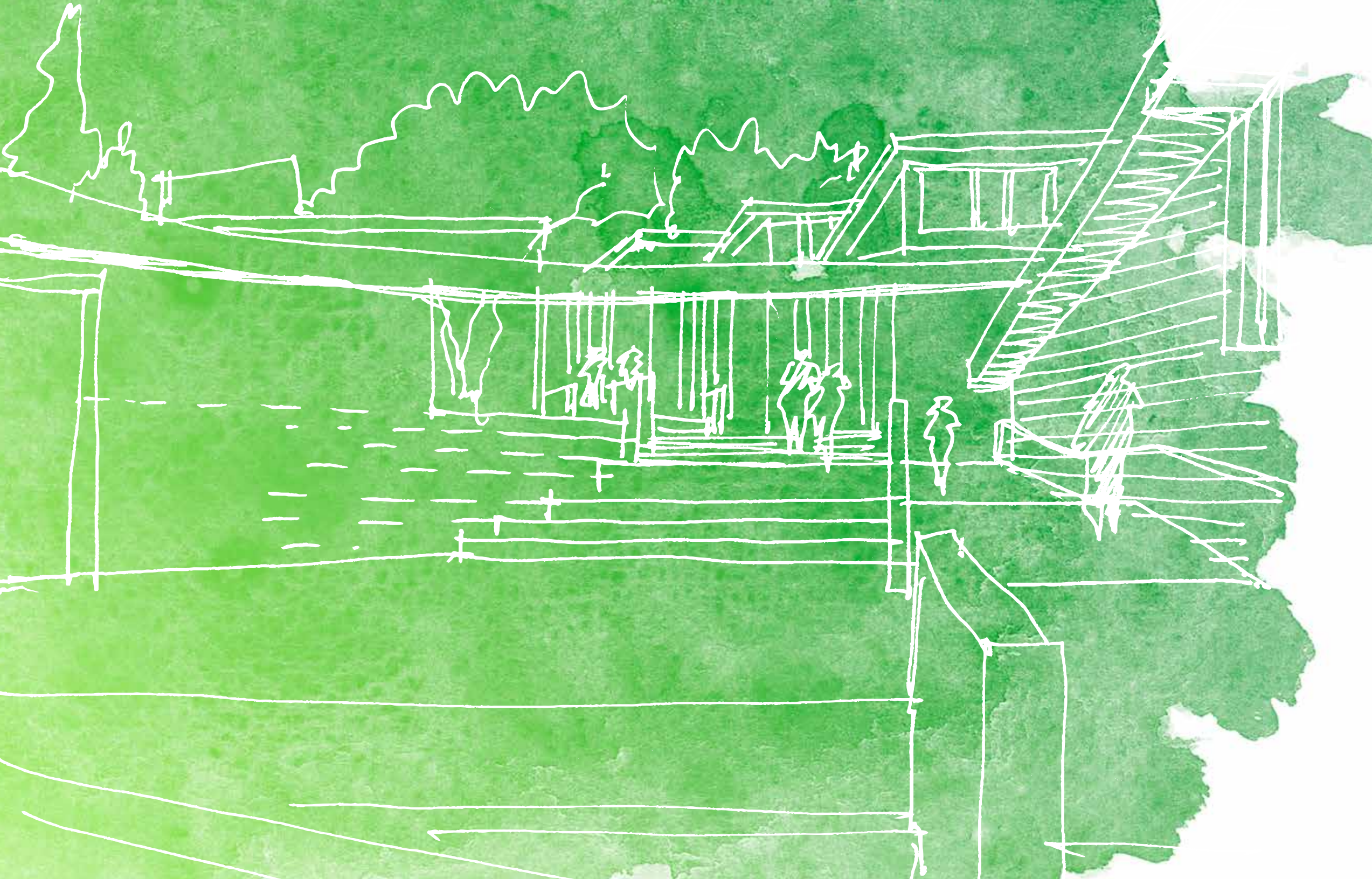


Performance spaces can be designed for maximum flexibility: Flanking an outdoor plaza with a pair of facing buildings with welcoming porticos and retractable doors doubles the program's usable space; retractable seating on a flat floor studio theater offers versatility for music dance and drama.

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“Students and teachers love the educational environments created by HED. Their contribution to the district and the bond program has been significant.”

– Katy Wright | Executive Director of Facilities Management
Grossmont Union High School District



conserve & renew

Our buildings have the potential to be teachers, encouraging stewardship and conservation. We do this through adaptive use and conservation, energy saving design and the integration of alternate technologies which become visual reminders of our responsibility to the environment.





Recognizing the 'good bones' in a building and revitalizing it for a contemporary function – in this case as a student services center – gives it a second life.





An abandoned, windowless industrial building presented a unique opportunity to create a child development center flooded with natural light – connecting indoor and outdoor play and acting as a beacon for sustainability.



“It is my professional privilege to engage in the education sector of architectural practice. **Bringing forth the value of design as a craft to inspire both students and teachers** to promote and enhance their wellbeing, performance, and daily experience.”

– **Grace Milenkov**
Sector Leader





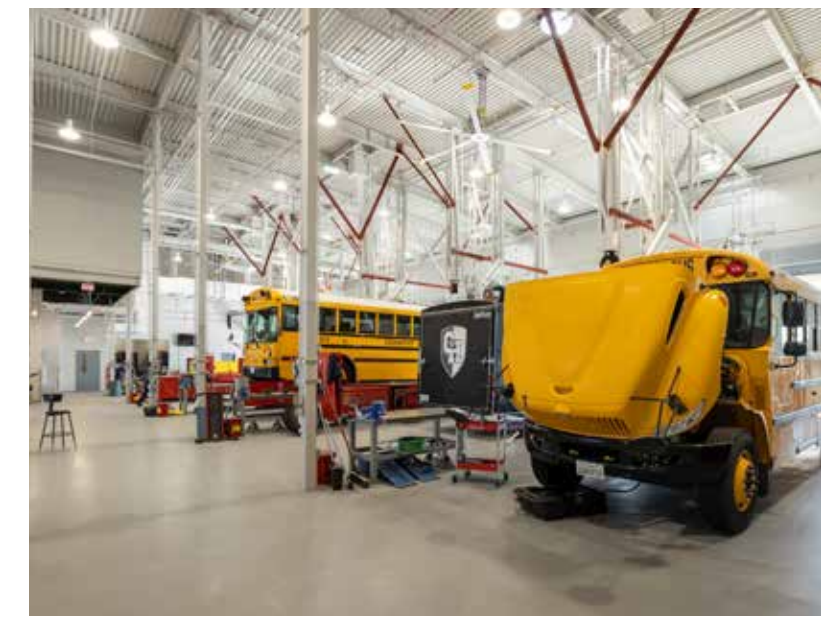
I-HED



Preservation of a historical space while upgrading it with new technology and enhanced accessibility transforms a disused multi-purpose hall into a noble boardroom at an education center; A transformation of a high-base warehouse creates a warm and inviting library that is now a popular student destination.



This new bus maintenance facility has helped assist with the new mandates to move towards electric school buses. Providing photo voltaic panels for solar energy in conjunction with providing electric bus charging stations and infrastructure help improve children's health by reducing exposure to air pollution.






HED



The renewal of aging high school campuses is an opportunity to weave old and new together, making exterior spaces more inhabitable with shade structures for performances, bleacher stairs for sitting, and welcoming loggias as comfortable outdoor gathering spaces.

The image features a solid purple background. On the left side, there are two large, white, curved shapes that resemble stylized arches or brackets. The top of each shape is curved, and the bottom is a straight horizontal line. The shapes are positioned vertically, with the top one slightly higher than the bottom one. The right side of the image contains a quote in white text.

“This project shows just how much is possible through a thoughtful, carefully designed renovation. The existing building was uninteresting and the design team transformed it completely. We have transecting walls, interesting volumes, and a dedicated entry that honors the library as the hub that it is.”

– Rachel Kellerman | Teacher/Librarian
Palo Alto Unified School District



celebrate & collaborate

More than ever, our learners need places to safely gather and interact beyond the confines of traditional classrooms. Spacious and protected places within and around learning environments create opportunities for social interaction, shared knowledge and celebration.





IHED



Engendering a collaborative environment calls for varied, interconnected indoor and outdoor spaces for project-based learning.





Outdoor courtyards and indoor 'commons' create critical opportunities to congregate, celebrate and facilitate social interaction.



“Architecture can have a profound influence on our communities, especially on our children. Meaningful human-centric design sends a message that they’re valued. Once this fundamental need is provided, students are more likely to dream, learn, and achieve to their fullest potential. I feel extremely privileged to partner with our clients to understand their vision and create engaging environments that will inspire and delight students throughout their educational journey.”

– **Robert Filary** AIA
Sector Leader





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A spacious courtyard with lots of places to hang out and gather is an important outdoor room and the heart of the campus.





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A campus central quad is activated by a cafeteria that opens out to the redesigned amphitheater. The new commons takes full advantage of a north-facing natural light orientation for the library and cafeteria.



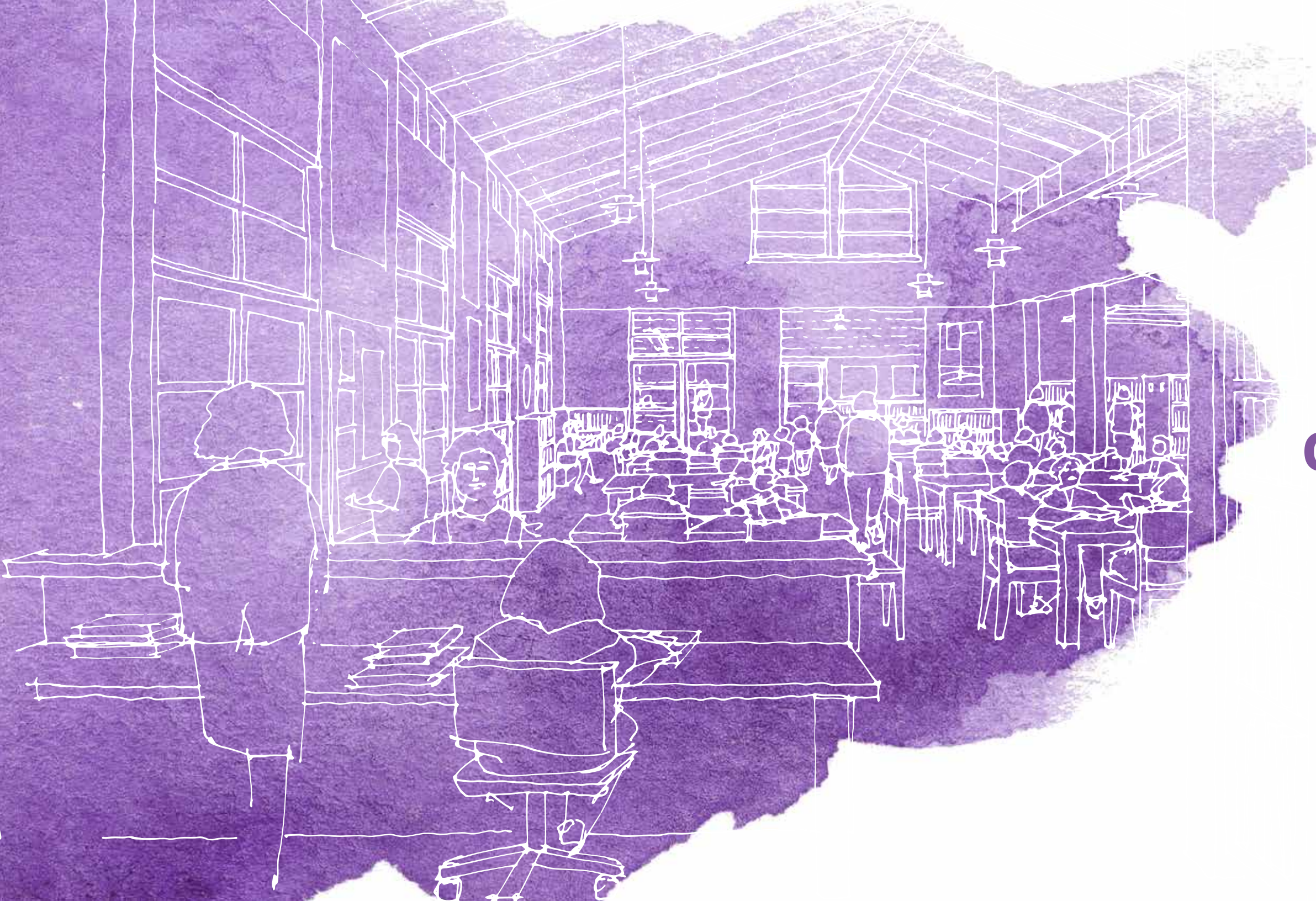
celebrate & collaborate



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“As an organization, HED consistently demonstrates their expertise in design by providing innovative ideas and solutions. As a team, HED’s professionalism stands out; their team members are effective listeners who are responsive to district needs. **HED takes the time to build relationships, and are strong client advocates.**”

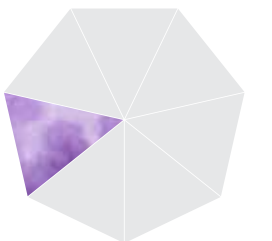
– Janea Quirk | Director, Facilities & Operations
Sweetwater Union High School District



contemplate & reflect

We know that each learner possesses a unique combination of intelligences that defines their unique abilities and ways of navigating the world.

In response, we create a variety of settings for learning – both interior and exterior – that accommodate the individual, or a small group outside the typical classroom.





IHED



We are transforming existing libraries through furniture and finishes to renew spaces and provide emphasis as places to study and carry out individual or small group research. They are often the favorite student hubs on campuses.





IHED



A quiet respite can facilitate concentration and deep thought. Allowing nature to come into the site engenders reflection and self-awareness.

“It is an honor to work with our clients to create unique, inviting, and inspiring places for students, teachers, and staff to spend their time in. Whether it is an older building that is given a new life, or new construction that instills pride in the community, **the people using these spaces are what matters most.**”

– **Emily Perez** AIA, LEED AP
Associate Principal, Sector Operations Leader, Pre-K12






IHED



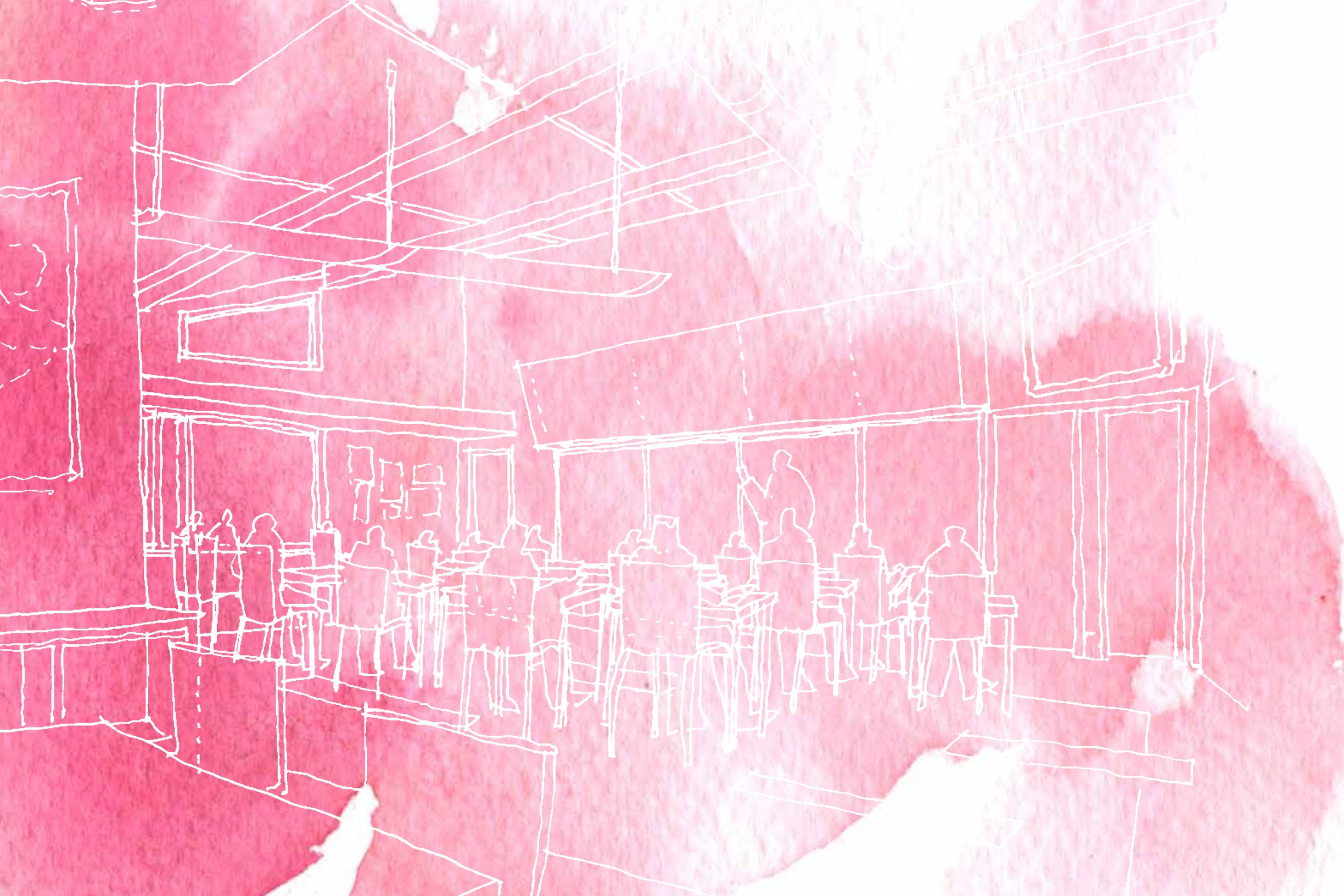
Varied in-between spaces outside the classroom connect learning and nature while providing comfortable and informal places to pause, study individually, and re-energize.



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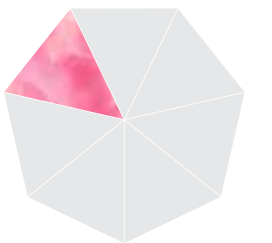
“The students, parents and staff have been so happy with the project. **We’ve never seen the library as crowded as it has been this entire year.**”

– Alfonso D’Onofrio AIA | Director of Planning and Construction
Chadwick School



learn & grow

Outdoor classrooms, gardens, greenhouses and terraces where nature can be observed experienced and cultivated provide a refreshing perspective and the opportunity to develop a heightened awareness of our planetary home.





IHED

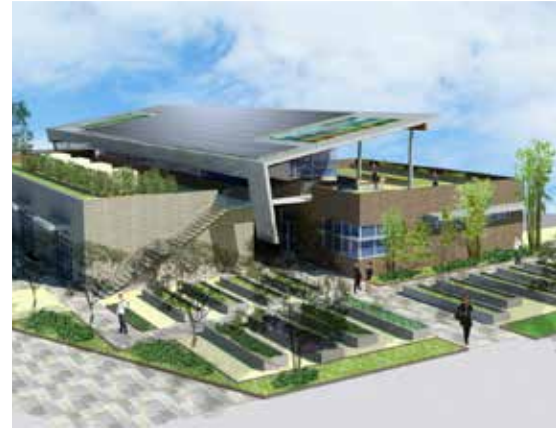


Learning about our environment and its plants and animals connects us to the planet and teaches us about compassion and stewardship of our resources.





HED



Our learning environments are teaching tools for sustainability with outdoor classrooms, roof gardens, living walls and integrated alternate energy systems.



“Creating inspiring learning environments is one of the most important things we do as architects and designers. Working in collaboration with students, teachers, administrators, alumni, and community leaders to create these special places is also one of the most rewarding things we do.”

– **Barton Drake** AIA, NCARB
Business Leader, Community





The places we create for learning and discovery are joyful, light-filled spaces that invite nature in to nurture and inspire.



Providing alternative learning environments through intentional design facilitates all types of learning—from study to play—while fostering interaction and collaboration.






HED



Transforming a large site within an established neighborhood, reconfiguring an existing 1950's high school, and building a replacement Pre K-8 school due to a tornado strike in 2019. Schools are designed to meet the current and future educational landscape through close interaction with the School District and Principals.



Amidst the campus of San Marcos High School, the Agriculture Farm inspires students involved in the Future Farmers of America (FFA) program. The farm includes three different barn settings for a variety of livestock both small and large.

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“Coming out of a tumultuous year of online learning, still feeling the repercussions of the pandemic, **I am delighted to know a facility on campus will encourage students to unite**, to talk to each other, to become friends, to learn together, to engage in intelligent discourse, and to enjoy their high school years.”

– Claudio Castillo | Student
El Modena Science Center

featured projects



El Modena High School
Fred Kelly Stadium
Orange, California



Wilshire Boulevard Temple
Rooftop Playground & Parking Garage
Los Angeles, California



West Hills High School
Health Occupations Center
Santee, California



Jack Yates High School
Replacement High School
Houston, Texas



Santana High School
Event Center & PE Building
Santee, California



Santa Monica High School
Gold Gym*
Santa Monica, California
*Moore Ruble Yudell Consulting Design Architect



Mira Costa High School
Math-Science Building
Manhattan Beach, California



Oceanside High School
Performing Arts Center
Oceanside, California



Livermore High School
Athletic Complex
Livermore, California



Flintridge Preparatory School
Bachmann Collaboration Building
La Cañada Flintridge, California



Santana High School
Career Technical Education Center
Santee, California



Palo Alto High School
Performing Arts Center
Palo Alto, California



Santa Monica High School
50-Meter Pool at the Discovery Building*
Santa Monica, California
*Moore Ruble Yudell Consulting Design Architect



Valhalla High School
Science Building
Rancho San Diego, California



West Dallas STEM School
Pre K-8 School
Dallas, Texas



El Capitan High School
Event Center
Lakeside, California

featured **projects** cont'd



Mira Costa High School
Studio Theater
Manhattan Beach, California



Riverside Unified School District
Board Room
Riverside, California



Santa Monica High School
North Commons at the Discovery Building*
Santa Monica, California
*Moore Ruble Yudell Consulting Design Architect



Chadwick School
Library & Learning Space
Palos Verdes Peninsula, California



El Capitan High School
Student Services Building
Lakeside, California



Grossmont High School
Bus Maintenance Facility
El Cajon, California



Santana High School
Event Center & PE Building
Santee, California



De Anza High School
Classroom Wings & Courtyard Landscape
Richmond, California



Families Forward Learning Center
Indoor/Outdoor Classrooms
Pasadena, California



El Modena High School
Science Center
Orange, California



Hillview Middle School
Central Courtyard
Menlo Park, California



Santana High School
Central Courtyard
Santee, California



Palo Alto High School
Library Modernization
Palo Alto, California



Solana Ranch
Elementary School
San Diego, California



Terra Linda High School
Student Commons
San Rafael, California



David Saperstein Middle School
Milken Community School
Los Angeles, California

featured **projects** cont'd



Flintridge Preparatory School
Atrium
La Cañada Flintridge, California



Kearny High School
Green Schoolhouse
San Diego, California



Naranja Elementary School
Custom Modular Classroom Building
El Cajon, California



Carlos Santana Arts Academy
Library Reading Amphitheater
Los Angeles, California



Edna Maguire
New Campus
Mill Valley, California



Walnut Hill International Learning Academy
Replacement Pre K-8 School
Dallas, Texas



El Capitan High School
CTE Agriculture Complex
Lakeside, California



Johnson Elementary School
Custom Modular Classroom Building
El Cajon, California



Thomas Jefferson High School
Renovation and Addition
Dallas, Texas



Santa Monica High School
Discovery Building*
Santa Monica, California
*Moore Ruble Yudell Consulting Design Architect



Flying Hills Elementary School
Custom Modular Classroom Building
El Cajon, California



San Marcos High School
Agriculture Farm
San Marcos, California

we would like to take this

opportunity

to recognize some of the schools we have worked with to positively impact the lives of children and young adults:

Alliance College-Ready Public Schools
Anaheim Elementary School District
Buena Park School District
Cajon Valley Union School District
Carlsbad Unified School District
Carmel Unified School District
Chadwick School
Colton Joint Unified School District
Crane Country Day School
Dallas Independent School District
El Monte City School District
Elk Grove Unified School District
Families Forward Learning Center
Flintridge Preparatory School
Folsom Cordova Unified School District
Fremont Union High School District
Glendale Unified School District
Grossmont Union High School District
Hacienda La Puente Unified School District
Highland Hall Waldorf School
Houston Independent School District
Inglewood Unified School District

Irvine Unified School District
Jefferson Elementary School District
La Mesa-Spring Valley School District
Livermore Valley Joint Unified School District
Los Angeles Unified School District
Manhattan Beach Unified School District
Menlo Park City School District
Milken Community School
Mill Valley School District
Montebello Unified School District
Nevada Joint Union High School District
Newark Unified School District
Oak Park Unified School District
Oceanside Unified School District
Orange Unified School District
Palo Alto Unified School District
Pasadena Waldorf School
Poway Unified School District
Redwood City School District
Reed Union School District
Riverside Unified School District
Roseville City School District

Roseville Joint Union High School District
Saint Mark's Episcopal Church and School
San Diego Unified School District
San Dieguito Union High School District
San Francisco Unified School District
San Juan Unified School District
San Marcos Unified School District
San Mateo Foster City School District
San Mateo Union High School District
San Rafael City Schools
San Ysidro School District
Santa Monica-Malibu Unified School District
Santa Rosa City Schools
Sinai Temple / Sinai Akiba Academy
Solana Beach School District
South San Francisco Unified School District
Sweetwater Union High School District
The Thacher School
Vista Unified School District
West Contra Costa Unified School District
William S. Hart Joint Union High School District
Wilshire Boulevard Temple

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