

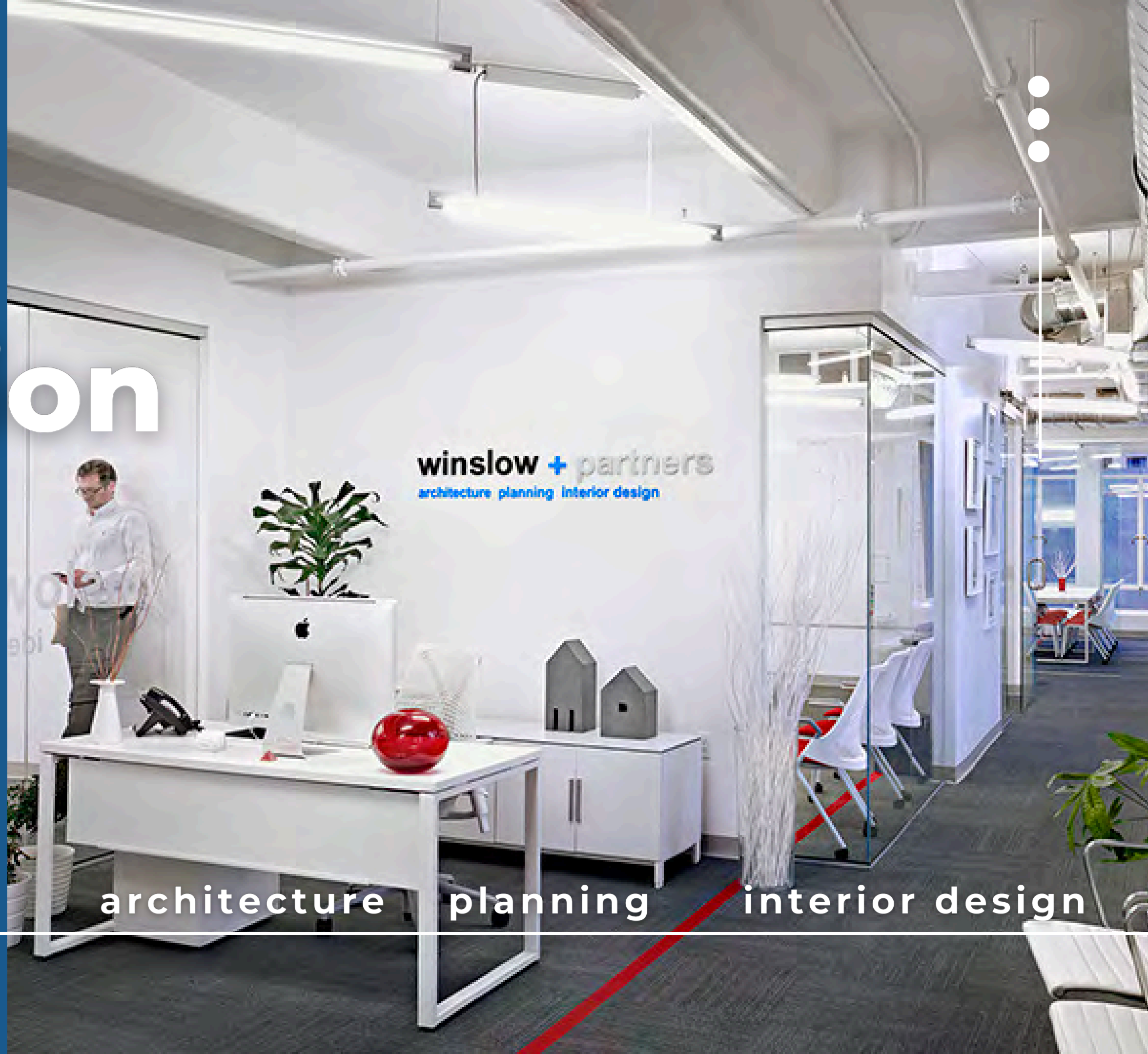
# Firm Introduction

**winslow + partners**

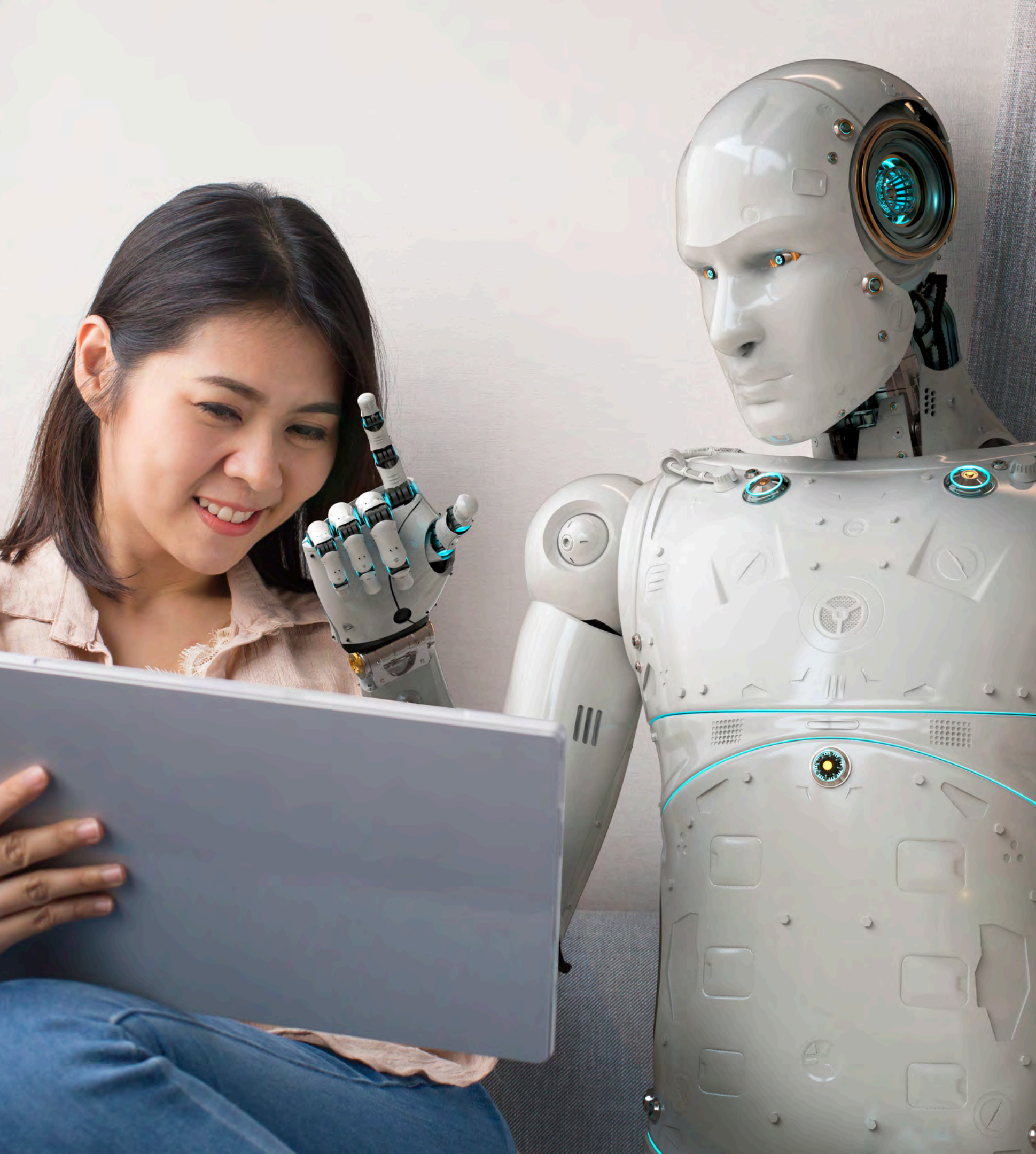
ideas for a changing world



[www.winslow-partners.com](http://www.winslow-partners.com)



architecture    planning    interior design



**The world is  
changing, are  
your schools  
prepared?**





# Change Management

Our process and expertise can help you with Change Management through a hyper-collaborative approach.





# History of the Firm

**1972 - 2011**

## **Orcutt | Winslow**

Paul Winslow, FAIA, successfully cofounded another architectural firm. He was a managing partner & project architect for over 40 years.

## **winslow + partners**

Paul Winslow, FAIA, & Kali Mota, Assoc. AIA, founded the firm in order to be more hands-on and focus on innovative solutions.

**2011 - today**

# Management Team



**Paul Winslow, FAIA**

*Founding Partner*

50+ years of experience



**Kali Mota, Assoc. AIA**

*Founding Partner*

15 years of experience



**Thomas Pansing, NCARB**

*Sr. Project Manager*

35 years of experience

# In -Depth Understanding of your District's Goals

A successful project starts by understanding your vision for your community.



## Budget & O|M

Understanding the  
financial priorities



## Human-Centered Design

Putting students &  
teachers first



## Sustainability & Energy

Your school as a  
teaching tool

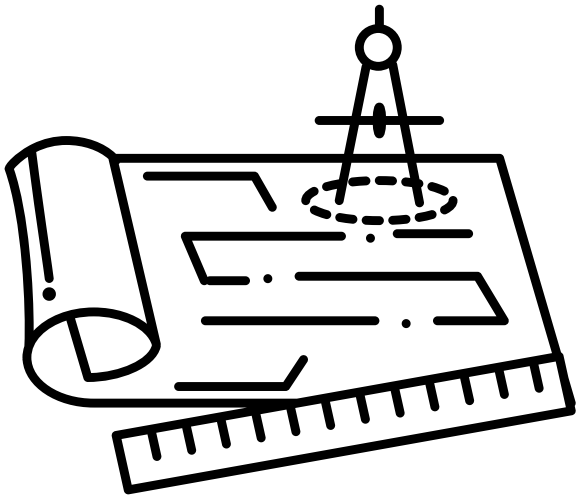


## Functionality & Innovation

Creative & flexible  
learning environments

# Hyper - Collaboration

to set the right parameters for your project or school



**Architect**



**Engineers**

## Financial Goals

identify the priorities of the project for an effective design strategy

## Opportunities

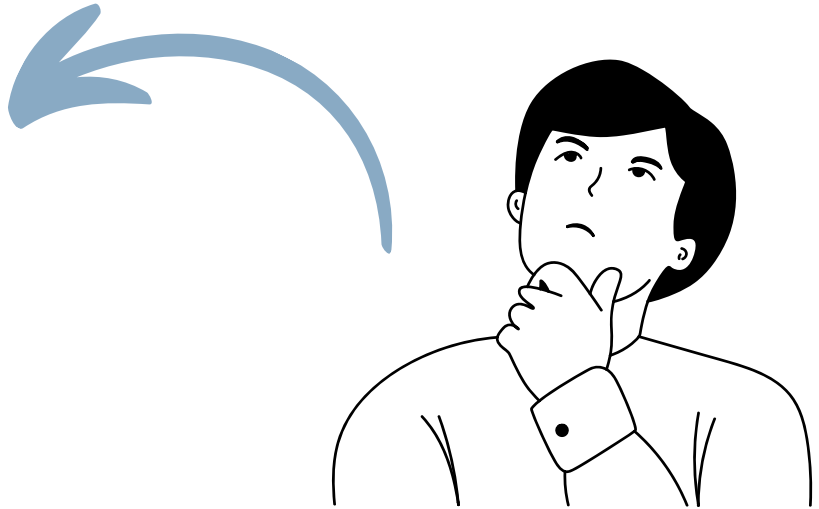
identify potential opportunities or new strategies

## Schedule Goals

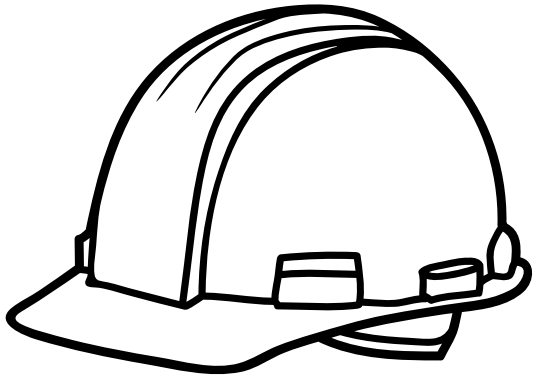
proactively identify the long lead items to plan accordingly

## Site Constraints

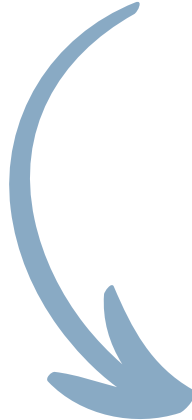
hyper-collaboration to gather information about your site



**School District**



**General Contractor**



# Change Management

Our process can help your schools navigate change, from planning to implementation to solidifying the strategy for change, including:



**Teacher Retention**



**Teaching Planning Strategies**



**Flexible Facilities**



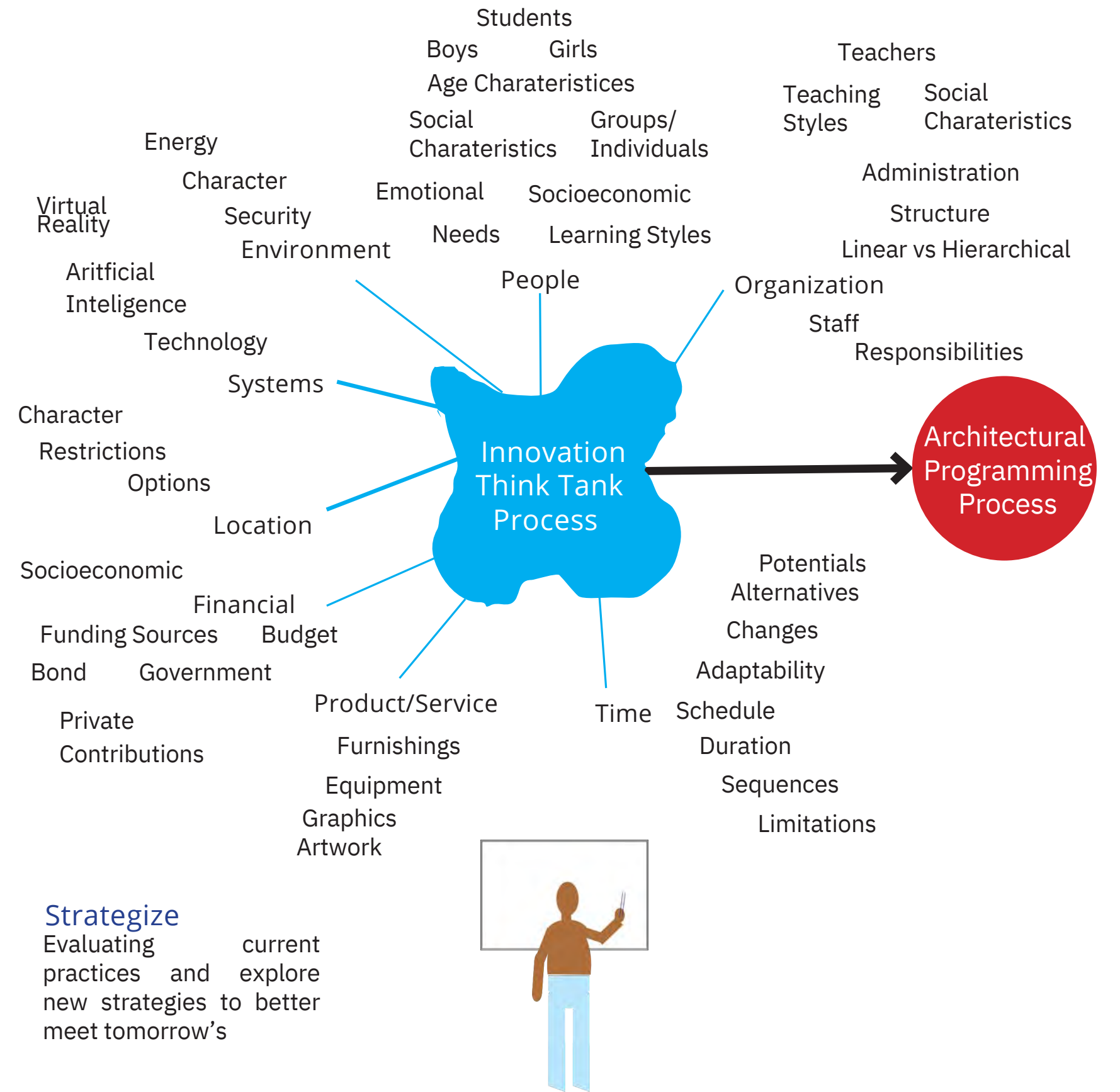
**Student Learning Responsibility**



**Specific Community Demographics**



# Re-thinking What & How you do it



A facilitated process to look to what are the appropriate criteria to meet the future needs of your students, teachers, staff and the community.

# Future Proofing your School

Our commitment to help School Districts look at the various ways they might future-proof their schools through a facilitated process we call:

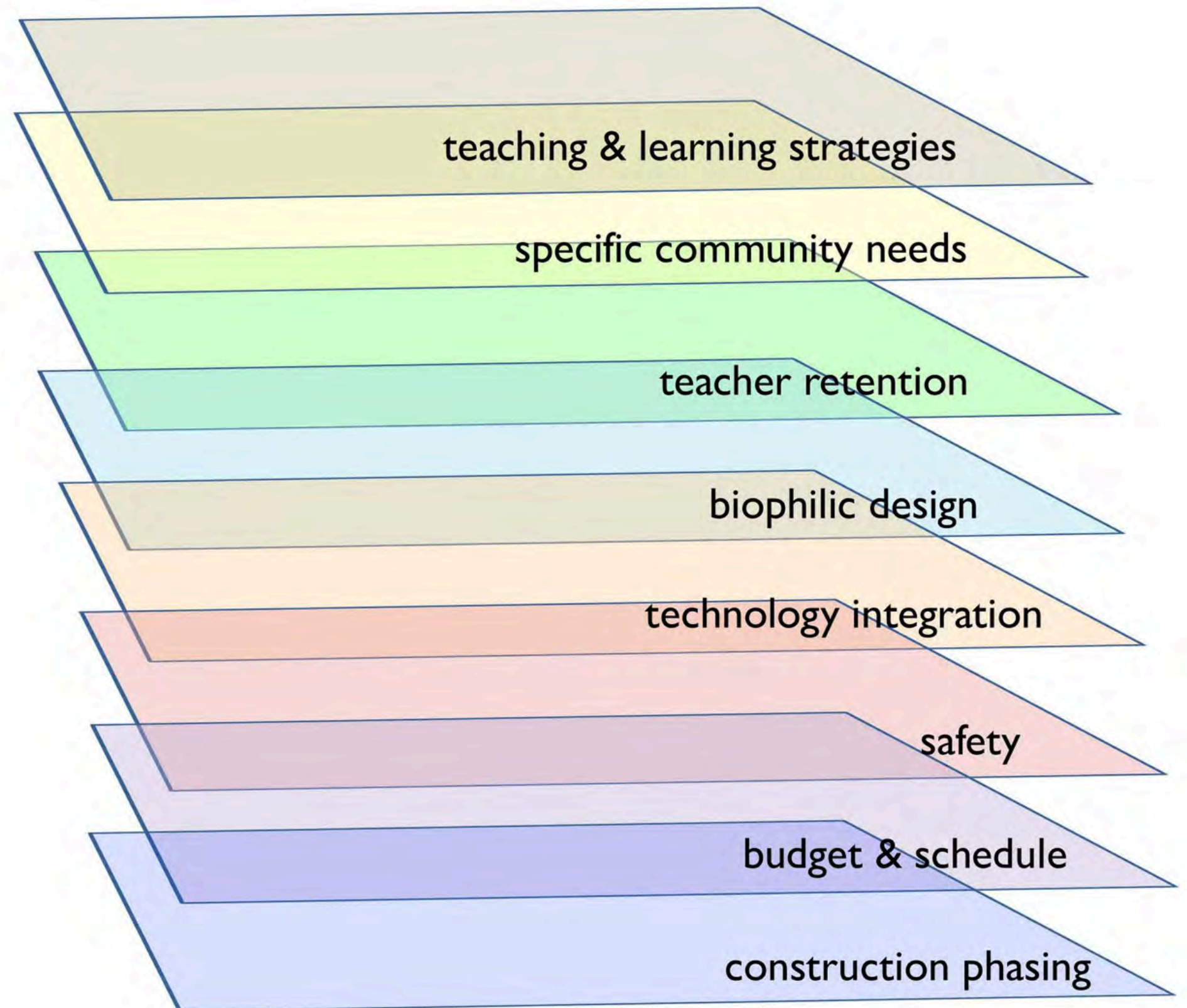


**our innovation think tank**



# Evaluation of Alternatives

Our role as designers is to help School Districts assess & evaluate multiple alternatives for the various elements of design.



# Creating a Strategy for Design

Looking at the different layers of a project/problem. We put emphasis on:

- Gathering intel from your team's "boots on the ground"
- Understanding the demographics of your project
- Emerging social consumer patterns
- Identifying the impact of changing technology on your project.



## Innovation Think Tank

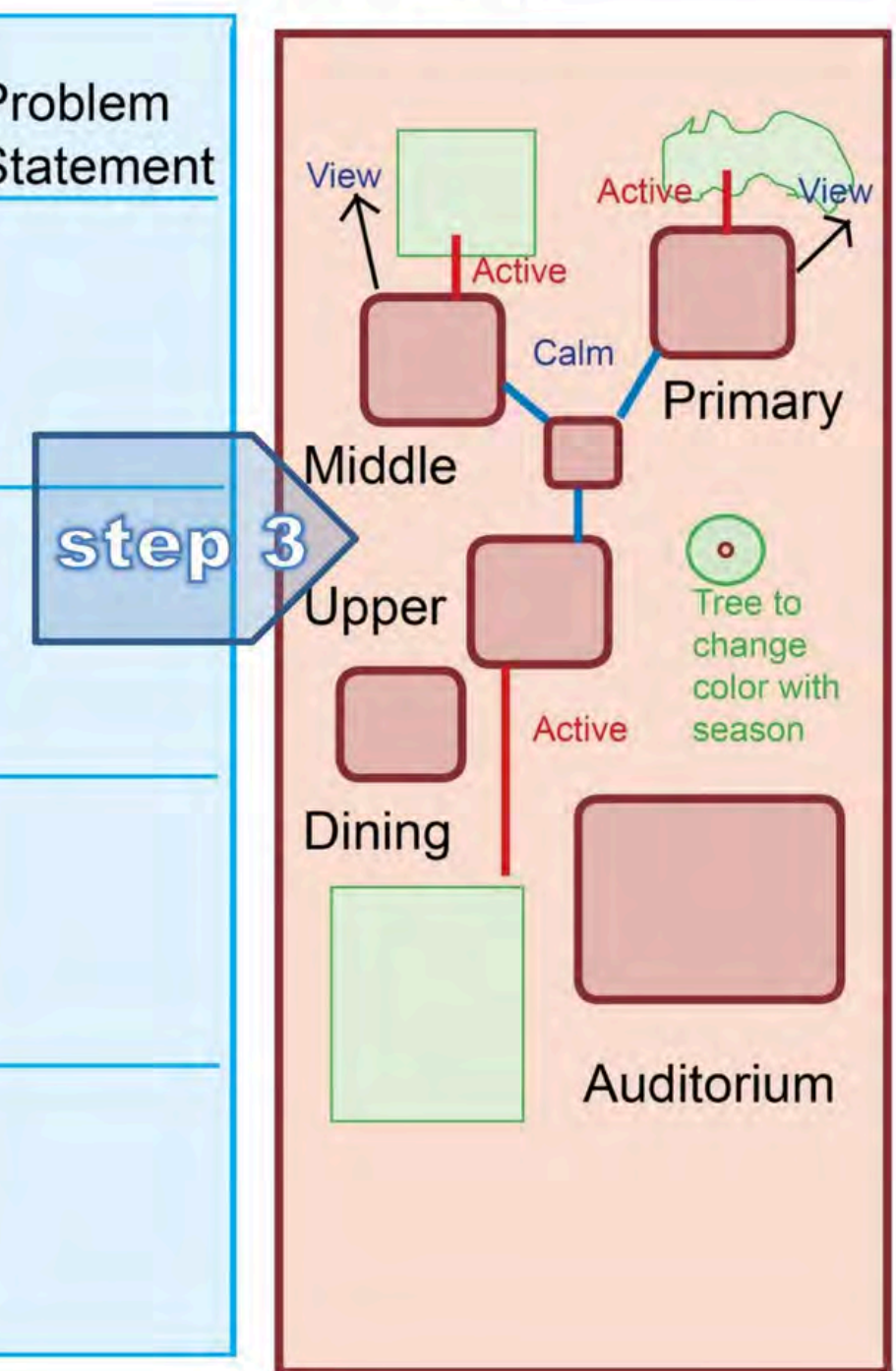


## Architectural Programming Matrix

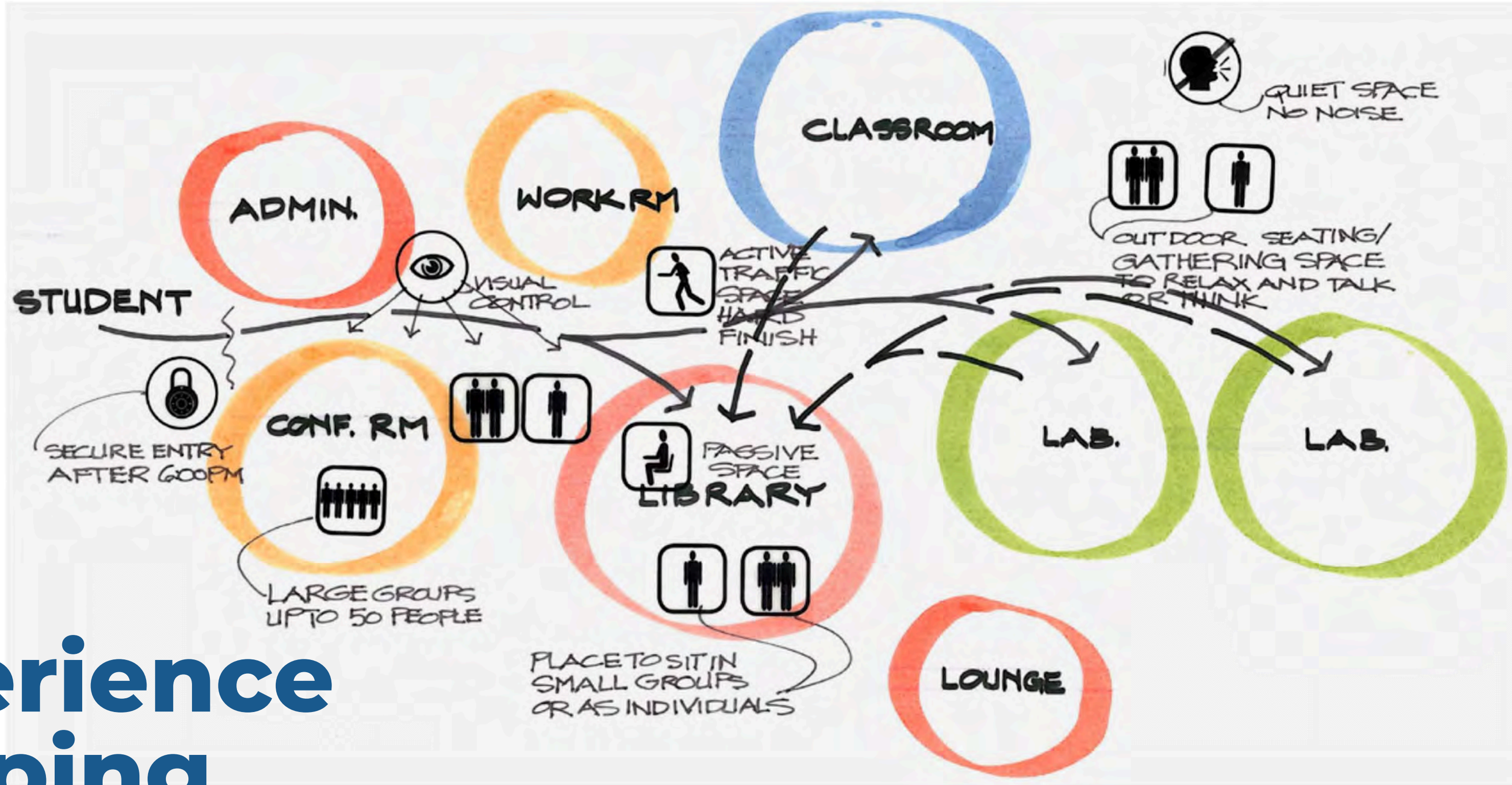
**step 2**

	Goals	Facts	Concepts	Needs	Problem Statement
Function					
Form					
Economy					
Time	Move-in July 1	Move-in Latest August 1	1st New Furniture	2 weeks for move	

## User Experience Mapping



**our 3 step design process**



# User Experience Mapping

This process explores the opportunities for non-traditional stimulation that can enhance the learning environment through orchestrating sensory experiences, such as sight, sound, smell, and motion.



# 3D Technology

We work in 3D to review in a collaborative environment the various stages of the design.

Using a free app we can give the 3D model to our clients for a virtual walk-through to help understand the character and quality of the designed spaces.

# Verrado High School

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A new school designed to fit within the historic design character of the neighborhood. The character is intended to reflect the character of a 19th century railroad station.

Based upon the initial brainstorming, it was designed to accommodate a total of 1,600 students. Functionally, it divides into 400 student groupings, in order to support a unique social structure. The building was designed to have four separate groups. This design allowed for two independent two-story wings of classrooms. The goal was for each wing to have freshman through seniors. Each student would stay within their group, for all four years, so the upper class would help the freshmen understand expectations “in their house”.





# Verrado High School

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The rest of the building was attached by a common neighborhood core. It includes the library, school store, cafeteria and auditorium.

The requirements did not include a formal auditorium, so a slightly smaller performance area was incorporated in to the commons area with the cafeteria. On the other side of the commons area are the specialty classrooms. This included the music room adjacent to the stage and the remaining specialty classrooms such as art, and science beyond the stage. At the end of this wing was the inclusion of a large and flexible engineering laboratory.



# Challenger Space Center

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Created to commemorate the Challenger astronauts who perished during their mission launch. The center's goal is to encourage kids in pursuing math, science, and technology careers, by flying simulated missions to the Moon, Mars, and comets and to work in teams.

Much of the design concept was the result of meeting with a group of 25 students. They suggested elements such as the entry and exit stair "gantries", and the location of the cooling tower to add machine noise as part of the entry sequence.



# Challenger Space Center

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Entering the building at ground level, the central space inside, drops down so that one can see the lower level where space artist, Robert McCall's space related images are seen on the inside of the circular space, that approximates the size of a rocket.

Students first, proceed to the briefing room where their mission is explained. From that point, half of the students proceed to mission control and the other half travel through a simulated rocket ride to the space station. Half way through the mission the students exchange locations.



# Bio Science High School

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This small but specialized 400 student high school was created based on a series of explorations with the District Science Coordinator and entire staff.

The architectural programming focused on establishing the educational strategy. It was designed to be placed on an existing school site, with a historic building to be preserved and utilized as an integral part of the facility. Because of the limited site, vehicle parking was partially depressed so that the primary classroom building could be accessible from the existing grade level. Images of early life forms on earth were cast in ascending evolutionary order on an exterior end wall of the building.



# Bio Science High School

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The interior laboratories were designed to mimic the professional Translational Genomics Laboratory directly adjacent to the High School. This was intended to give the students the opportunity to learn in an environment that would allow them to participate with the researchers in the adjacent professional TGEN Labs.

The existing historic school building was redesigned to house the school administrative needs and the school library. This High School was selected as the 25 most exciting high school campuses in the world, and it was one of only ten campuses selected from the United States.



# Gladden Farms

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A new, state of the art 83,000 SF, K-6 elementary school in Marana, AZ, completed in the summer of 2016. The result of masterplanning with the Marana Unified School District.

Winslow + Partners worked with the teachers, administrators, parents, students and district officials to create the programming of spaces that encompassed the district's vision of a school for the 21st century.

The school is designed around a school commons area, where students can gather for assemblies, exhibit projects, or socialize with friends. This was a CM@R project.



# Gladden Farms

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The classrooms include 3 walls and an operable glass partition that opens upon into a commons area to allow teachers flexibility in how they arrange students according to different needs, tasks, curricula, learning styles, or special needs.

Writing on tackable surfaces is possible on all sides of the classrooms to further enhance the teaching & learning experience.



# De Grazia Elementary

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The original building was developed around a design strategy that left the entrance into the facility indistinguishable from the exterior. In addition, it left a compromised security when entering the campus.

The solution was to create a new entry corridor that would bring students and vendors through a controlled environment to or past the admin office where entry could be supervised. Because the existing campus had a red and white color palette, we used it to emphasize the new entry with a strong presence by using red as the accent.





# De Grazia Elementary

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A building entry remodel, to provide the students a guided approach that would require minimal adult supervision. With gates that open for arrival and departure, red sails were provided to clearly identify the access point and provide shade.

This also created a shaded waiting area for afternoon parent pickup. The project also included adjustment for the parking and drive approach for better access. This solution was provided with a minimal expense, but greatly aided the security of the facility entry.



# Arizona School for Arts

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This urban campus is the remodel and conversion of five separate existing commercial sites and one new building, into a performing arts campus. Some of the existing functions had to remain in operation during the transition.

Between two of the existing buildings, an addition was created to include the administrative facilities for the campus. The development was done in phases in order to allow capital campaigns. Two of the existing buildings were two story, previously office buildings. The new building, to fit on the campus, was designed as a four story classroom building. An outdoor performance area was designed to serve as the auditorium.



# Arizona School for Arts

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Adaptive-Reuse of an Office Building to incorporate specific performing arts areas including the creation of two dance studios.

Among other instrumental music areas is a percussion room that opens to the exterior, allowing students to perform for the rest of the campus during transitions. Among other specific spaces is a piano studio where every student learns to play. However, most of the other performing arts teaching & learning takes place in traditional classrooms.



# Las Brisas Academy

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As a small addition to a larger arts focused elementary school, matching the appearance of the original building as a very specific key element stated in the development of the architectural programming. The interior of the classrooms was to match the existing in character and finish. As the design was being developed, interactions with the CM@R contractor, provided crucial information on building materials and systems.

The original building was built using a steel frame and stud exterior wall system. Availability of steel products would extend the construction time. The decision was made that masonry should be used for the exterior structure.



## Las Brisas Academy

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A second critical element discovered in the design process was the fact that any modification to the exterior canopy system, would require the entirety of those canopies to be fire sprinklered.

With concurrence of the District and the Contractor, connections between the existing canopy and the new addition were eliminated in order to reduce the cost of the project.



# Northern Arizona University Old Main - Historic Restoration

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The goal for the historic restoration of this building was to maintain a valuable asset of the University's past, while finding a valuable new use for it. This project also included the remodeling of Ashurst Hall, a performance venue that was then attached to the main building.

The new use was to house a donated significant art collection. In the interior of the building, remnants of several elements had to be covered or partially removed. Some were found and salvaged for reuse, others were reconstructed to its original design.



## Northern Arizona University Old Main - Historic Restoration

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With the new function for the space, some interior walls needed to be removed. However, the most significant concern was exposure to direct sun light from the exterior.

To address this concern a baffle within the interior walls was created to shield the space from ultraviolet rays, while letting in the full color spectrum light from the sun. The wall was held away from the windows, so that from the exterior the windows were perceived as not blocked. From the inside, the light was directed to the ceiling to bounce the filtered light back onto the artwork.



# Marana Unified School District Master Planning

As a unified district with 17 existing campuses, the communities related to each was different. Even though multiple campuses were designed and constructed from the same design, the communities and the utilization of each was different.

Evaluation and architectural programming meetings were held at each campus, in order to define & identify their specific needs and utilization concerns. The findings were collated into a district master plan that became the basis for the architectural programming for their new elementary school at Gladden Farms.





# Balsz Elementary District Master Planning

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A district with a very diverse ethnic and culturally diverse population and aging facilities, allowed us to review and evaluate each of their existing campuses.

This process was intended to provide guidance on meeting the current needs of each campus. We held sessions at each school to document the differences in each community and their specific needs and concerns. The goal was to identify their educational needs as well as the social and emotional needs unique of the students at each school. These evaluation sessions included the principal, teachers, parents and even students.





# Our Virtual Project

Our cloud-based Project Management system allows the client, general contractor, and consultants access to all the project information in real time.



User Login

User Name:

Password:

[Forgot User Name or Password?](#)

Presented by **winslow + partners**

# Partial List of Educational Projects where the Principals were Responsible for Design

## Universities

Arizona State University  
ASU Main Campus  
Cancer Research Institute (new Building)  
Cancer Research Institute, Annex (Remodel Building)  
Master Planning for New Arts Building  
Mars Rover (Moeur building) Remodel  
ASU East Campus  
Fitness Facility Remodel  
ASU West Campus  
Classroom Building Remodel  
Northern Arizona University  
Old Main Historic Restoration/Remodel  
Ashurst Hall Historic Restoration/Remodel  
Blome Building Historic Restoration/Remodel  
Forestry Building (now Geology) Historic Restoration/Remodel  
Applied Sciences Building Addition  
Pedestrian and Bicycle Master Plan and Phase one Design

## Colleges

Phoenix College Master Plan  
Phoenix College New Pre-School  
Phoenix College North Campus Remodeling  
Phoenix College Master Plan  
Phoenix College Master Plan (10 years later)  
Mohave Community College - Kingman Master Plan  
Mohave Community College – Lake Havasu Master Plan  
Mohave Community College – Lake Havasu Classroom, Book Store and Library Additions  
Mohave Community College – Bullhead City - Master Plan  
Mohave Community College – Bullhead City - Classroom, Book Store and Library Additions  
College of St John – Master Plan Studies (2) on different sites – Florence, Az  
University of Hawaii – Hilo Campus – Programming and study

## High Schools

Tolleson High School District –  
Westview High School — New Campus  
Tolleson High School -Cafeteria, Art and Music Additions and Existing Building

## High Schools

Agua Fria High School District - Verrado High School - New Campus  
Phoenix Union High School District –  
Phoenix BioScience High School — New Campus  
Central High School – Remodel & Classroom and Admin. Additions  
South Mountain High School – Classroom Addition  
Tombstone Unified School District  
Tombstone High School – New Campus  
Scottsdale Christian Academy – High School Classrooms and Performing Arts – New Building  
Fountain Hills Unified School District  
Fountain Hills High School – High School Classroom and Administration Additions  
Peoria Unified School District  
Peoria High School – Cafeteria Expansion, Student Plaza, Fine Arts Building, Industrial  
Arts/Automotive Shop/Classrooms  
Round Valley Unified School District  
Round Valley High School Auditorium and Kitchen - New Buildings  
Cave Creek Unified School District  
Cactus Shadows High School – Classroom Additions  
Buckeye High School District  
Estrella Foothills High School — Phase One New Campus  
Red Mesa Unified School District  
Red Mesa High School – Artificial Turf Football Field and Track

## Middle Schools – Junior High Schools

Isaac Elementary School District  
Isaac Middle School - New Classroom and Library Building  
Fountain Hills Unified School District  
Fountain Hills Middle School- New School  
Buckeye Elementary School District  
Buckeye Elementary School – Classroom Additions  
Phoenix Elementary School District  
Herrera Middle School – New Replacement School

## Middle Schools – Junior High Schools

Washington Elementary School District – Multiple Schools - Additions, Repair or Evaluation  
Cholla  
Royal Palm  
Round Valley Unified School District  
Round Valley Middle School — Library, Classroom and Cafeteria Additions

## Elementary Schools

Phoenix Hebrew Academy – New School Design  
Genesis Academy – Remodel Design  
Washington Elementary School District – Multiple Schools - Additions, Repair or Evaluation  
Acacia Elementary School  
Shaw Butte - Elementary School  
Alta Vista - Elementary School  
Cactus Wren - Elementary School  
Ironwood - Elementary School  
Lookout Mountain - Elementary School  
Manzanita - Elementary School  
Sunnyslope - Elementary School  
Washington - Elementary School  
Ocotillo - Elementary School  
Roadrunner - Elementary School  
Lakeview Elementary School  
Chaparral - Elementary School  
Isaac Elementary School District  
Esperanza Primary School – New School  
J B Sutton Elementary School – Addition and Remodel  
Joseph Zito Elementary School – Remodel  
Mitchell Elementary School – Remodel  
P.T. Coe Elementary School – Additions and Remodel  
  
Phoenix Elementary School District  
Kenilworth Elementary School – Phoenix Elementary School District – Historic  
Restoration/Remodel  
Ott Elementary School - New Replacement School  
Grant Elementary School - Remodel  
Capital Elementary School – New Replacement School

## Partial List- continued

Fountain Hills Unified School District  
Black Mountain Elementary School – Repairs  
McDowell Elementary School District – Remodel/Repair  
Deer Valley Unified School District  
Anthem Elementary School – New School  
Cave Creek Unified School District  
Black Mountain Elementary School -- Remodel/Repair  
Desert Willow Elementary School – New  
Lone Mountain Elementary School – New  
Round Valley Unified School District  
Round Valley Elementary School – New School  
Laveen Elementary School District  
Desert Meadows Elementary School – New School  
Rogers Ranch Elementary School – New School  
Laveen Elementary School – Cafeteria Addition  
Cash School – Cafeteria Addition  
Tempe Elementary School District  
Broadmor Elementary School — Replacement School  
Fountain Hills Unified School District  
Red Mesa Unified School District  
Red Mesa Elementary School - Addition  
Chinle Unified School District  
Tsaile Elementary School Remodel  
Chinle Primary School – New School  
Round Rock Elementary School – Additions  
Sanders Unified School District  
Sanders School - Cafeteria Addition  
Tuba City Unified School District  
Tuba City School District – Remodel and Repair  
Pine-Strawberry School District  
Pine-Strawberry School – Deficiencies Corrections  
Heber Obergard Unified School District  
Heber Elementary School – Deficiencies Corrections  
Buckeye Elementary School District  
Buckeye Elementary School — Classroom Additions and Remodel

## Elementary Schools

Deer Valley Unified School District  
Anthem Elementary School — New School  
Tolleson Elementary School District  
Tolleson Elementary School — Remodel

## Pre-Schools

Phoenix College  
Daycare Center – Osborn Campus

## Other Educationally Focused Facilities

Challenger Learning Center – New Facility and Addition Design  
McCall Museum and Learning Center  
Arizona School For The Arts - 5-8 and High School – Master Planning – Re-utilize and remodel five existing buildings and a new (four story) classroom building.

## Educational Support Facilities

Isaac Elementary School District  
District Office and District Maintenance Facility  
Tempe Elementary School District  
Brogan Center District Maintenance Facility  
Alhambra Elementary School District  
Maintenance and Operations Building  
Buckeye Elementary School District  
Maintenance Building

## Educational Planning Facilitation and Design

Hawaii State Department of Education  
Kapolei Middle School - Master Planning, Programming and Concept Design  
Mililani Middle School - Master Planning, Programming and Concept Design  
Keaau High School - Master Planning, Programming and Concept Design  
Pohukaina Elementary School - Master Planning, Programming and Concept Design  
Nanakull Elementary School - Master Planning, Programming and Concept Design  
Eva Makai Middle School - Master Planning, Programming and Concept Design

# Partial List- continued

## Educational Planning Facilitation and Design


Punahou Middle School – Punahou School (Private School), Oahu Hawaii – Educational Planning and Master Planning, Programming and Concept Design  
Kamehameha School (Native Hawaiian School) Oahu Hawaii  
Kamehameha Middle School – Master Planning, Programming and Concept Design  
Hawaii Preparatory Academy – Educational Planning, Campus Evaluation and Master Plan  
Stillwater Christian School – Kalispell, Montana – Educational Planning and Master Plan  
Marana Unified School District – District Facilities Evaluation, Educational Planning, Bond Programming  
Balsz Elementary School District – District Facilities Evaluation, Educational Planning, Bond Programming  
Round Valley Unified School District - Educational Planning, Bond Programming  
Phoenix Elementary School District – District Facilities Evaluation - (17) Schools


# Helping Schools with Change Management



Contact us for more info:

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architecture

planning

interior design