Jurupa Unified School District
Educational Specifications

ACKNOWLEDGMENTS

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INTRODUCTION

Educational specifications are necessary as they provide the link between learning and educational facilities. They outline essential educational concepts and detailed facility needs and include consideration of community values, current and future educational delivery and the impact of technology on learning. Educational Specifications are an integral part of the Jurupa USD's Long Range Facilities Master Plan, and it has been developed to support the district's vision and strategic goals.

Educational specifications should support the overall educational goals of the district, yet be nimble enough to allow for the effective and efficient design of school facilities. Jurupa USD's core values dictate the need for facilities to provide student focused learning environments that are rich in technology, and flexible enough to adapt to the changing needs of the community.

The Educational Specifications provide specific facility needs required to complement the district's educational delivery model. They will also provide consistency among similar project types from campus to campus, in order to reduce inequities and simplify the planning process for future projects. Lastly, this document is a living document, and serves best when periodically updated.

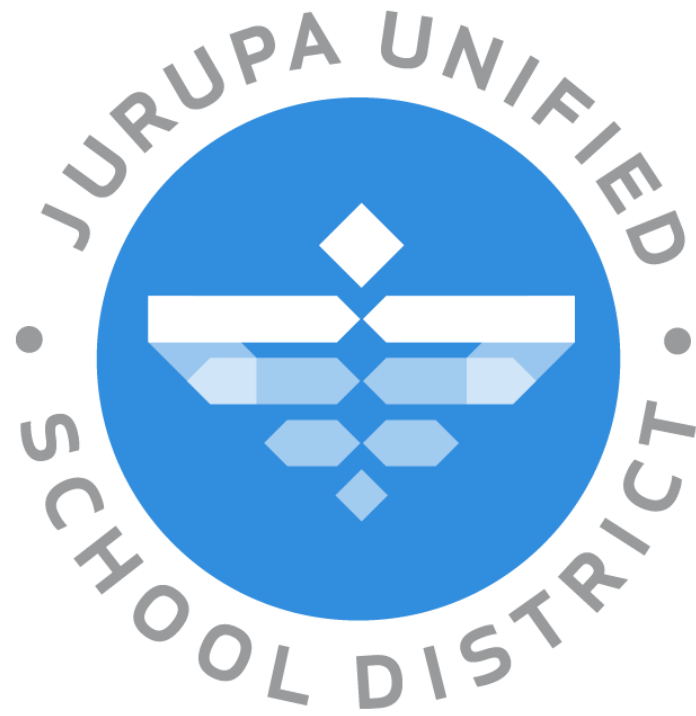# TABLE OF CONTENTS

District Background

DISTRICT INFORMATION

At Jurupa Unified School District, we believe that with a positive growth mindset, every child can succeed. Our schools and programs are founded on proven educational strategies, supported by the latest research in neuroscience and are designed to promote the personal and academic growth of all students. We strive to empower each child to unlock their potential to achieve in school, career, and life—wherever it takes them.

We call this learning without limits. Learning without limits means our district provides an array of opportunities for each child. Our wide-ranging programs offered in and out of the classroom support and engage students from early childhood through high school. Students cultivate critical thinking and problem-solving skills, develop resiliency, and are challenged to think creatively —essential qualities for personal development, academic growth, and an individual's sense of achievement at every level.

Our approach is grounded in research and science but would not be possible without the dedication, commitment, and resolve of our compassionate team of educators and staff. Jurupa Unified School District encourages students to grow personally, achieve academically, and unlock their full potential as scholars and people, believing that with a positive mindset, every child can succeed.

DISTRICT PROMISE - LEARNING WITHOUT LIMITS

By fostering a growth mindset in every child, Jurupa Unified School District empowers each child to unlock their potential and succeed in career, in school, and in life. We call this Learning Without Limits—the promise we make and pledge to uphold—to our students, their families and our community.

DISTRICT PILLARS OF SUPPORT

Nurturing early learners through programs that create a solid cognitive foundation and stimulate a love of learning.

Encouraging students to challenge themselves at every grade level, setting them on a path towards continuous achievement.

Promoting college and career readiness through rigorous, college preparatory curriculum, as well as hands-on, real world learning opportunities.

Engaging the Jurupa Unified community of stakeholders in our students' success.

Preparing our students for a future here or anywhere.

Development Process

DEVELOPMENT PROCESS

THE PROCESS

JUSD engaged HMC Architects/IN2 Architecture to assist in the development of a Long Range Facilities Master Plan (LRFMP). The development of the Educational Specifications is part of the 2020 LRFMP. The educational specifications will assist in the overall Long Range Plan by identifying inequities between campuses, and identifying needs in order to best align the facilities to the district's educational delivery model, strategic plan and core values.

ACTIVITIES

The Long Range Facilities Master Plan team held a number of community forums, physical assessments of existing facilities and educational adequacy visits to existing facilities to determine overall program and district wide needs. In addition, subject specific focus meetings were held to determine program needs at each level. The meetings focused on today, as well as the future of instruction in JUSD, so new ideas and concepts were introduced and vetted.

A Steering Committee was formed, and they helped identify Guiding Principles for the Long Range Facility Master Plan, which helped focus the conversation for the open community meetings.

The community meetings were open to all JUSD's residents, so that they could share topics of interest and concern about their facilities or campuses, as well as other district schools. These meetings were held at each of the High Schools and Middle Schools.

The community meetings also allowed for students to provide their input into the design of future facilities in JUSD as well as provided insights into their current campuses. Students offered their opinion on environments that would benefit their schools, including features such as movable furniture, art display areas, and enhanced outdoor learning areas with shading.

The information gathered in these meetings, and the feedback from the community form the basis for these Educational Specifications.

GUIDING PRINCIPLES FOR DESIGN

At the conclusion of the Community Meetings, the following major themes were identified, which then became the basis for the Guiding Principles for Design:

Whole Child
Safety
Outdoor Connections to the Environment
Sustainability
Social Skills & Communication
Innovation

The Long Range Facility Master Plan (LRFMP) Team then took the notes and concepts and developed final written Guiding Principles for Design, which were approved by the Educational Specifications Committee for distribution to the Board of Trustees.

WHOLE CHILD

Our schools will nurture and encourage students by providing them the opportunity to unlock their potential academically, socially and emotionally so they can succeed here or anywhere.

SAFETY

In order for learning to occur, learning environments must be safe and secure. Our schools must incorporate the best safety systems so that students and staff feel safe, secure, welcome, and protected.

GUIDING PRINCIPLES FOR DESIGN

OUTDOOR CONNECTIONS TO THE ENVIRONMENT

Learning is without limits. Learning will extend beyond classroom walls, connecting our students to our community, and providing diverse settings for learning. We will provide a variety of outdoor spaces that are natural, flexible and engaging for learning and socialization.

SOCIAL SKILLS & COMMUNICATION

Our schools promote positive social skills and communication by focusing on kindness, respect and responsibility. Every student is known well, respected and appreciated. Differences are welcomed and respected, and emotional and intellectual needs are met.

SUSTAINABILITY

Our students and staff are responsible, environmental citizens, engaging in everyday behavior that results in a reduction of energy use. Schools integrate sustainability awareness into their curriculum, empowering students to implement and monitor sustainability initiatives in their schools.

INNOVATION

Our schools will be adaptable to best support the ever-changing needs of our students and staff. We support our student's innovative thinking and the effective integration of technology into learning and curriculum.

DESIGN CONSIDERATIONS

The Educational Specifications for Jurupa USD will provide the guidelines and design considerations for planning modernizations of existing facilities or designing new facilities.

With a goal of creating innovative learning environments for JUSD, consideration must be given to the impact and importance of the learning environment on student achievement and behavior. Unlike previous years where research on the relationship between student achievement and the built environment was anecdotal, clear evidence has been found that well-designed school environments boost student's academic performance. In addition, well-designed school environments can result in reduced absenteeism, as school environments can affect children's health, concentration and performance. Research shows that children spend 90% of their time indoors, with a majority of that time spent in school, therefore school facilities should be designed to maximize the attributes of the built environment that impact learning, such as natural lighting, indoor air quality and acoustics.

Research overwhelmingly shows that the impact of the environment is a holistic experience, where a full range of factors are in play together. These factors, which can be organized around three major themes – Naturalness, Individualization and Stimulation - are critically important to the users' experience of the spaces they occupy. The inclusion of these design principles represents a shift from a relatively passive focus to a fuller consideration of the active response of people to their built surroundings.

When planning and designing JUSD's school environment, consideration must be given to these factors, and their relationship to each other. The factors to consider are:

NATURALNESS
Light, Air Quality, Temperature, Acoustics, & Links to Nature

Light: Diffused natural light helps to create a sense of physical and mental comfort, and its health benefits include boosting Vitamin D storage and increasing productivity. When combined with a well-designed artificial lighting solution, well-lit environments can be a boost to student success.

Air Quality: Opportunities to enhance air quality should be included, via a combination of outside air and mechanical ventilation. School age students are particularly vulnerable to all types of pollutants because their breathing and metabolic rates are high, therefore particular care should be given to air quality.

Temperature: The right temperature can have a profound impact on achievement, as it can affect comfort levels and attention spans. Building orientation and sun glare control can greatly help with temperature goals.

Acoustics: Comfortable and clear sound, coupled with a lack of or limited background noise improves communication and promotes collaborative learning and learning efficiency.

The inclusion of acoustical materials, and the ability to reconfigure a room for a diversity of activities can help focus sound so that students can enhance their learning opportunity.

Links to Nature: Access to outdoor environments, and views to the exterior are associated with improvements in the creative process. JUSD schools should include classrooms that open directly to outdoor learning areas that allow play and social interaction.

INDIVIDUALIZATION
Flexibility, Ownership and Connection

Flexibility: The flexibility of learning spaces and its furnishings can encourage individualization, by offering a variety of opportunities for diverse settings, individualized learning and team work. Flexible learning environments allow for changes in pedagogy goals, educational programs and instructional deliveries.

Ownership: Personalization of a space is essential in the development of students' identities and sense of worth. Learning environments should include furnishings that are mobile, allowing students to reconfigure their space. In addition, ample display areas to feature student work help students feel a connection to their learning environment.

Connection: In school environments, connection relates to the pathways between spaces.

The provision of landscaping to enhance outdoor settings, and active hallways can result in a stronger connection for students and their learning environment.

STIMULATION
Complexity and Color

Complexity: Visual diversity in an organized manner is linked to increased student engagement. However, too much complexity can be detrimental to learning. Therefore, environments that provide visual diversity in the classroom, without becoming too chaotic should be provided throughout.

Color: Introducing color in a planned manner can stimulate student engagement. Muted walls, not white, can provide a neutral palette for brighter elements, such as furniture and wall displays.

INNOVATIVE LEARNING ENVIRONMENTS

Jurupa USD's modernizations and new school facilities need to be designed to provide environments where innovation, creativity and collaboration will thrive. In order to best align these environments to JUSD's Guiding Principles of Design and the major themes from the community meetings, facility design should incorporate the following considerations:

- Safety and Security
- Technology Rich Environments
- Flexibility and Agility
- Libraries as the Heart of the Campus
- Collaboration
- Dining and Gathering Spaces
- Outdoor Learning
- Sustainability

Following are images & concepts to support these considerations.

SAFETY AND SECURITY

Safety and security of students and staff is paramount to Jurupa USD. Learning spaces should be designed to include the principles of Crime Prevention through Environmental Design (CPTED). A layered design approach to security, which addresses the entire site is needed, in order to ensure all aspects of the facility are secured. Safe and secure design strategies should result in a balance between open, transparent learning environments and the need for a secure environment.

TECHNOLOGY RICH ENVIRONMENTS

Technology should be abundant in the learning environment, with robust Wireless Access Point(s) throughout the school facility. Engaging technology that supports collaborative and hands on activities should be available to staff and students in all learning spaces.

FLEXIBILITY AND AGILITY

Learning environments should be able to easily change to adapt to various pedagogical models and activities. Movable furniture should be included for daily modifications to the space, and consideration should be given to movable walls for future adaptability.

LIBRARIES AS THE HEART OF THE CAMPUS

In order to enhance the overall student experience, Libraries must elevate from quiet environments to the hub of the campus. These spaces must be vibrant and serve as community centers to the campus. Settings in the library must be diverse, including small huddle or team rooms for quiet study or counseling support. In addition, access to nourishment will enhance the space and increase its daily use.

COLLABORATION

Collaboration and team work are essential 21st century skills needed to survive in today's global workplace. The learning environment should provide spaces and settings that encourage and foster collaboration and student interaction. Learning spaces should be designed to accommodate groups of students working together, as well as large, whole class spaces where larger activities can occur. Space should also be allocated for student – teacher collaboration, strengthening the relationship between both.

DINING & GATHERING SPACES

Dining spaces, indoor and outdoor, must enhance the dining experience and provide learning opportunities for students. These spaces should be protected from the elements with shading. Shading can be achieved with the use of canopies and awnings, as well as with carefully planned landscaping. These spaces will serve as extensions of indoor spaces, providing for larger gathering opportunities.

OUTDOOR LEARNING SPACES

Learning spaces should blur the lines between indoor and outdoor settings, by including learning activities throughout. Outdoor learning areas should include gardens, performance areas, seating areas and discovery areas. Views from the classroom areas should allow students to continually make a connection to the outdoors, and to the learning opportunities it represents. Shading can be achieved with the use of canopies and awnings, as well as with carefully planned landscaping.

SUSTAINABILITY

Sustainability is the capacity to endure. Sustainability would be a key factor in all decisions regarding learning environments and operational effectiveness. Student performance will be enhanced through the inclusion of day lighting, improved indoor environmental clarity and acoustics. Natural resources should also be considered where feasible.

Educational Specifications Summary

ELEMENTARY SCHOOL

ELEMENTARY SCHOOL

Each Educational Specification is divided into the following sections as noted on the bottom of each page:

1. Site Configuration
2. Campus Administration
3. Learning Spaces
4. Multi-Purpose Spaces/Fine Arts
5. Media Center / Library
6. Special Education
7. Nutrition Services
8. Physical Education

This Elementary school Educational Specification, developed as a component of the overall Master Plan process, provides guidelines that outline the essential components of Elementary school sites. These guidelines shall be applied to new sites and will be a benchmark for evaluating the needs and configuration of existing sites.

CLASSROOM LOADING

For the purposes of determining and monitoring the student capacity of each campus JUSD uses a standard number of students per classroom. These ratios are not intended to correlate to the actual number of students in a classroom at any one time or the maximum capacity of a classroom. They are a guideline used to track the overall capacity of school campuses.

For grades Transitional-Kindergarten - 3rd, the loading ratio is 24 students per classroom. Grades 4th – 6th, the ratio is 32 students per classroom.

ELEMENTARY SCHOOL

GENERAL CAMPUS PROGRAM OF SPACES

General Campus for TK-6

SPACE	500 Students	700 Students	900 Students
Campus Administration***	3,420	3,420	3,420
Learning Spaces*	28,300	37,020	43,740
Multi-Purpose Spaces/Fine Arts	6,380	7,630	8,180
Media Center/Library	3,260	3,260	3,260
Special Education**	6,150	6,150	6,150
Nutrition Services	2,040	2,040	2,040
Custodial	240	240	240
TK-6 Subtotal	**49,790**	**59,760**	**67,030**

*Total number of classrooms will vary by campus. Figures listed here need to be confirmed based on individual campus needs. Allow a minimum of 65 Sf per student.

**Confirm actual number of classrooms by campus. JUSD has mainstreamed Special Education, therefore no Special Education spaces will be provided unless there is a mod/severe/functional skills program housed at a specific site.

***An Assistant Principal office may be needed at larger campuses.

Notes:
- The square footages above are a guideline to ensure parity for district-wide improvements. It is understood that existing building spaces may restrict in achieving these exact square footages. These are not rigid numbers that need to be met exactly but are intended to be a guideline for overall program comparisons between existing and proposed master plan scope strategies.
- Any significant deviations from this specification that may impact the budgets, prioritization and design intent should be approved by the District before proceeding into schematic design.
- No factor has been applied for circulation or spaces such as restrooms, and building support rooms. Square footages shown are net. A factor of 257% should be added to all net square footages.

ELEMENTARY SCHOOL

CAMPUS SITE ADJACENCY
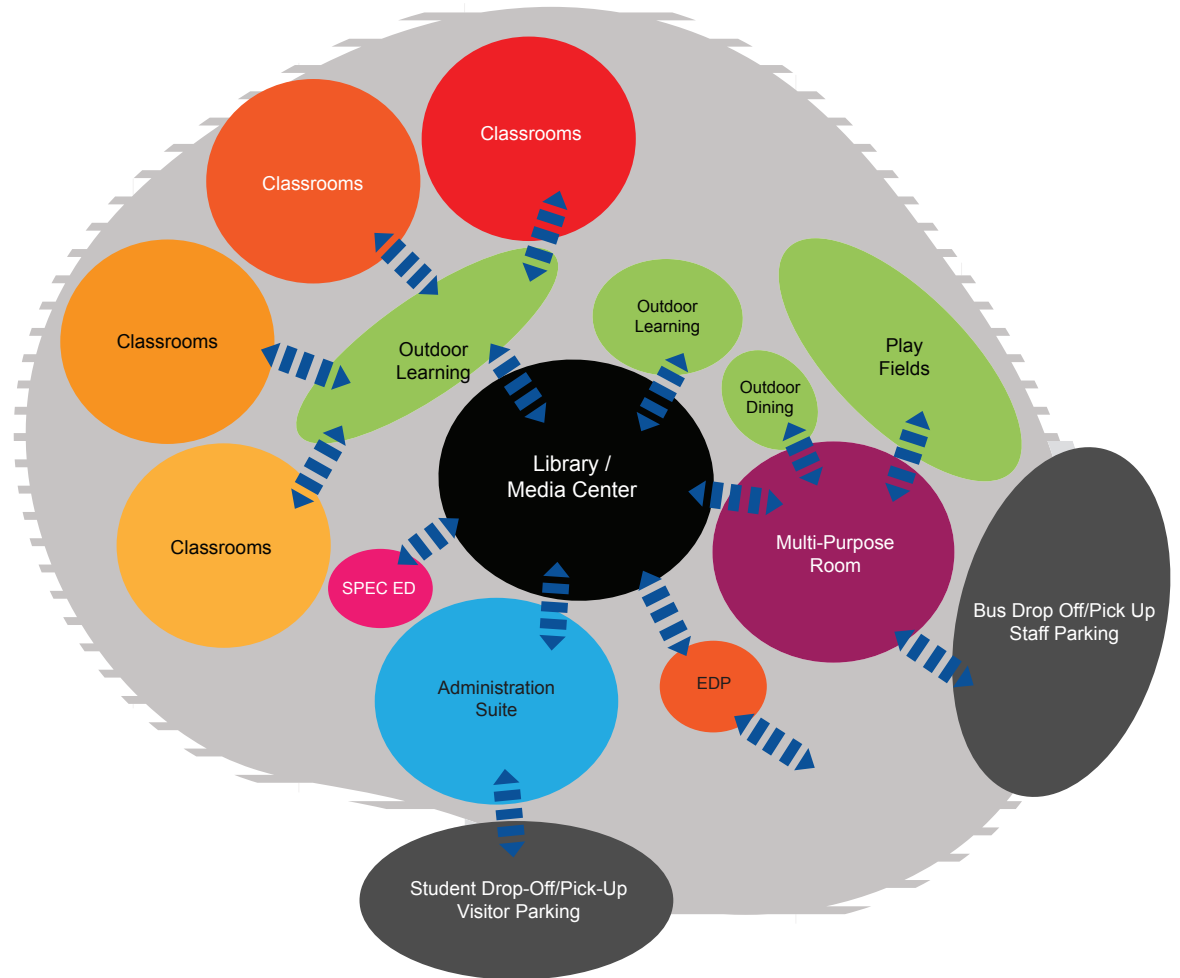
ELEMENTARY SCHOOL

OVERALL SITE PLAN

Site plans should comply with the California Department of Education and Title 5 standards. Additional requirements that were used as a basis for the guidelines indicated in these Educational Specifications follow.

Site Layout and Main Entry:

- Parking drop off, bus loading areas, and parking shall be separated to allow students to enter and exit the school grounds safely. Refer to the campus site adjacency diagram for recommended layout.
- Provide separate drop off/pick up areas close to the entrance to the campus for special education. In addition, provide parking close to extended day program spaces.
- Main entry to the campus shall be easily identifiable, and immediately accessible from parent drop off area.
- Provide a small gathering area near the main entry for parents to gather while dropping off or picking up students.
- The entire campus shall be fenced. Fencing needs to be designed to be pleasant and inviting. All fencing around campus to be 8' tall ornamental fence. It is suggested that school related graphics, name and mascot be incorporated into the main entry gates to enhance their appearance.
- Site permitting, student gathering areas should be shielded from street-view. Provide screening or landscaping along fence where gathering areas are adjacent to streets.

Playground:

- Adequate physical education teaching stations shall be available to accommodate course requirements for the planned enrollment
- Supervision of playgrounds should not be obstructed by buildings or objects that impair observation and supervision.
- All playground areas should be covered with a shade structure. TK-K playground areas should be fenced in.
- Provide two playground areas, one for TK–K, and one for 1st–6th grades. Recess for 1st-6th grades is staggered for more playground use. Playground structures should include grade and size appropriate activities. Typical playgrounds include the following:
   - Swing-set
   - Climbing/slide apparatus
- Play areas should include components that encourage exercise and movement, and should include educational signage explaining the benefits of movement and healthy living. Provide fitness activities such as bikes or bars close to multi-purpose room.
- Play areas to include tetherball courts, four-square courts and ball walls.
- Locate play areas adjacent to play fields.
- Provide decomposed granite (DG) running track around play field.

Outdoor Learning Areas:

- Learning shall not be bound to the classroom areas, therefore access to outdoor learning spaces should be provided from all classrooms. These areas to include diverse settings, including seating areas, planting areas and group areas.
- Provide an outdoor stage/platform with power and sound for school gatherings. The space should be clearly visible from outdoor learning areas, but should be shielded from views outside of the campus.
- Provide plentiful shade in outdoor settings through the use of canopies, awnings, and landscaping.
- Outdoor gardens are encouraged, but must be flexible to change as interests at each campus change.

Delivery and Service Areas:

- Delivery and service areas shall be located to provide vehicular access that is separate from parent and bus drop off areas, and does not jeopardize the safety of students and staff.
- Delivery/utility vehicles have direct access from the street to the delivery area without crossing over playground, field areas, or drop off.
- Trash pickup is fenced or otherwise isolated and away from foot traffic areas and located to minimize maneuvering of the large refuse vehicles.

Placement of Buildings:

- Building placement shall consider compatibility of the various functions on campus and provide optimum patterns of pedestrian flow around and within buildings. Site layout shall enhance security of students and staff.
- Restrooms are conveniently located, require minimum supervision, and to the extent possible, are easily accessible from playgrounds, classrooms and extended day care.
- Student entry points into classrooms from the playground shall be carefully planned to optimize supervision.

ELEMENTARY SCHOOL

ADMINISTRATION
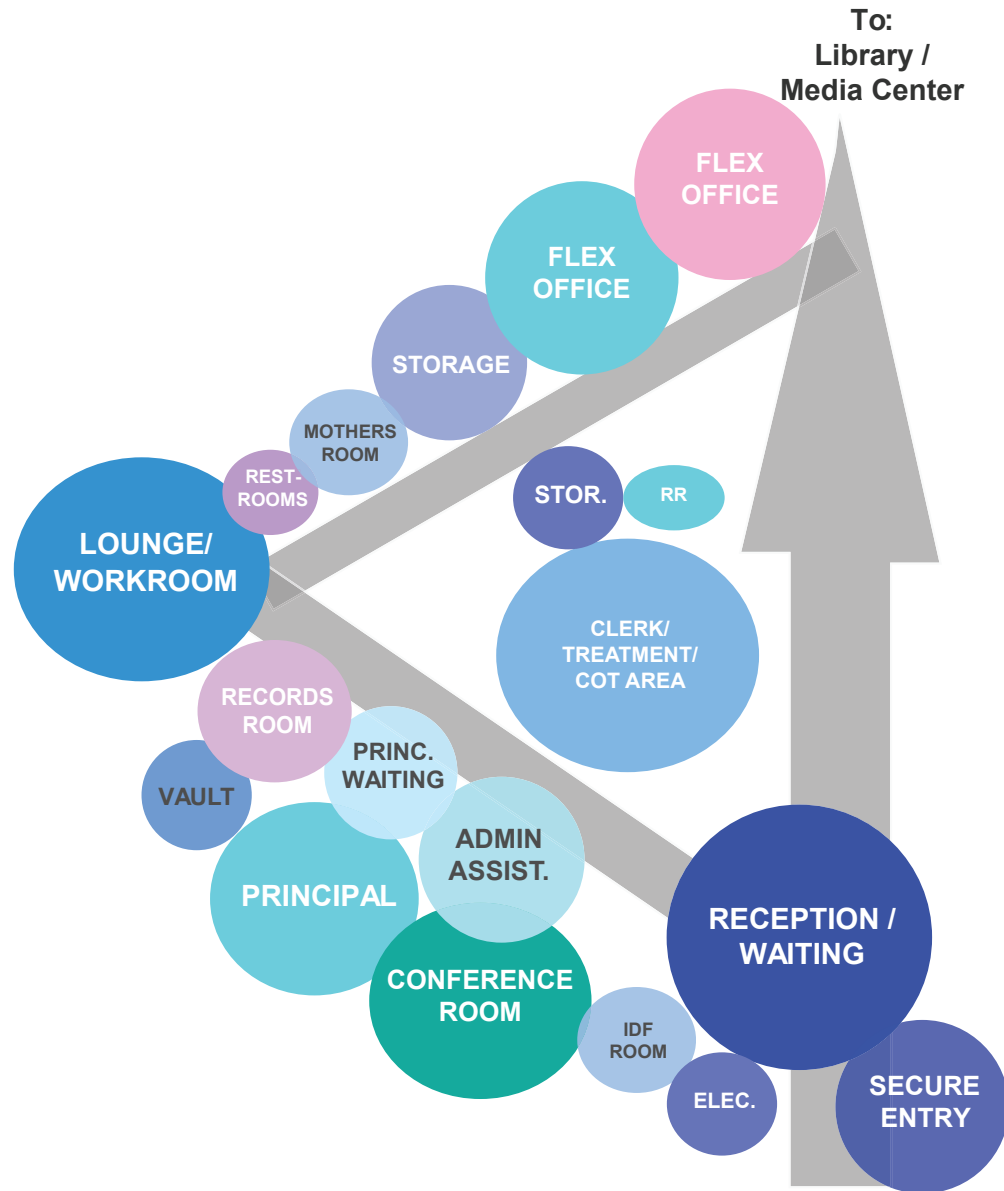
ELEMENTARY SCHOOL

ADMINISTRATION PROGRAM OF SPACES

General Campus for TK-6

SPACE	Qty	Space/SF	TOTAL AREA
Secure Entry Vestibule	1	150	150
Main Reception/Waiting Area	1	300	300
Principal's Office	1	180	180
Administrative Assistant	1	100	100
Principal's Waiting area	1	80	80
Conference Room	1	200	200
Teacher's Lounge & Workroom	1	900	900
Storage	1	150	150
Restrooms	2	60	120
Mother's Room	1	60	60
Vault	1	120	120
Flex Office*	2	150	300
Records Room	1	120	120
Health Space/Treatment/Cots	1	250	250
Health Restroom	1	80	80
Health Storage	1	100	100
IDF/Data Room	1	105	105
Electrical Room	1	105	105
Administration Subtotal			**3,420**

*Space may be used for Assistant Principal if campus is larger.

ELEMENTARY SCHOOL

ADMINISTRATION ADJACENCY

To:
Library /
Media Center

FLEX OFFICE

FLEX OFFICE

STORAGE

MOTHERS ROOM

REST-ROOMS

STOR.

RR

LOUNGE/ WORKROOM

CLERK/ TREATMENT/ COT AREA

RECORDS ROOM

PRINC. WAITING

VAULT

ADMIN ASSIST.

PRINCIPAL

RECEPTION / WAITING

CONFERENCE ROOM

IDF ROOM

ELEC.

SECURE ENTRY

ELEMENTARY SCHOOL

ADMINISTRATION
SPACE DESCRIPTIONS & RELATIONSHIPS

RECEPTION / WAITING AREAS

General Concept and Activities

The main administration center of the campus should serve as a welcome center for the school. It will serve as a front entry for the public, and house main administrative duties including conference, discipline, counseling, health, and attendance. The Administrative facilities, which will be accessed by students, faculty, and the public, shall have clear delineation of 'public' (e.g. Lobby and Waiting areas) versus 'private' (e.g. Offices) versus 'semi-private (e.g. Conference Room) type spaces.

Primary and Secondary Uses

Parents

Visitors

Students

Staff

Relationship and Organization

Located in main Administration area with visual connection to Main Entry and Health Office.

Features of the Space

The main Administration office should define a clear sense of entry for the campus and establish school pride. Design clear wayfinding to and from the main office through signage and building features that include school specific graphics and/or mascot. The space shall be welcoming and facilitate communication and collaboration between staff, as well as between student-to staff and parents-to-staff.

The space shall provide areas to display student work and create a school identity. Provide display area for current events, programs, and activities.

The layout should limit access from visitors to more private office and staff areas. The TCT (Translator Clerk Typist) should be the first point of contact for visitors. The Administrative Assistant shares some duties with Reception/Clerical staff and therefore needs to be in proximity, as well as be adjacent to the Principal's Office. Given the private nature of some of their work, some visual separation from the front is needed.

Because the Administration clerical staff needs to manage the Health Office functions during certain periods of the day, the Health Office needs to be located adjacent to the main reception desk with visual access. Design for adequate waiting area for parents and students in the main reception area.

ENVIRONMENTAL SOUND CONTROL
- Walls: minimum STC 50
- Ceilings: minimum CAC 35, NRC .70
- Quiet HVAC systems

WRITING/DISPLAY SPACES
- Tackboards
- Display case

FLOORING
- Lobby and Office to have Carpet Tiles

WINDOWS/DOORS
- Windows: Hollow Metal (HM) or aluminum frame/ storefront, with insulating reflective glazing. Low-E glazing where applicable. Roller window shades/ blinds.
- Doors (Exterior): Metal Poly Core with vision-lite with side-lite; HM or aluminum frame
- Doors (Interior): Solid Wood Core with vision-lite; HM or aluminum frame.
- Hardware: Thumb-locks to allow Classrooms to be locked from the inside without the use of a key.
- Access control to be provided as well.

CASEWORK
- Standing height counter for parent check in/out station. Provide handicap accessible area.

LIGHTING
- Natural daylighting through glazing with easily adjustable baffles for control
- Overhead fixtures
- Energy efficient light switches
- Light sensors

PLUMBING
- None

ELECTRICAL/DATA
- Two (2) duplex receptacles on each wall
- Provide data at all computers and technology equipment.
- Main communication and fire alarm panel should be located in appropriate location within Main Administration Space
- Provide power for flat screen monitor that serves as school activity display
- One additional phone line for emergency phone.

HVAC
- Energy efficient HVAC unit pack
- Digital display thermostats with override capability and temperature adjustment (with preset limits)

TECHNOLOGY / COMMUNICATIONS
- Wireless Access Point(s)
- 2 computer drops at reception desk

FURNITURE FOR THE SPACE
- Standing height counter for parent check in/out stations. Provide handicap accessible area.
- Reception desk task chairs
- Lockable file storage (2-4 lateral files)
- Front desk – modular system
- Soft seating and side tables, minimum six (6) chairs in waiting area.

ELEMENTARY SCHOOL

ADMINISTRATION
SPACE DESCRIPTIONS & RELATIONSHIPS

SECURE ENTRY VESTIBULE

General Concept and Activities
The secure entry vestibule shall serve as main visitor access to the building. Visitors will gain access to the building via formal check-in with receptionist, and will be buzzed in to the building. Once the visitor has provided necessary identification information, they will be granted access to the campus.

Primary and Secondary Uses
Parents
Visitors
Students

Relationship and Organization
Locate immediately adjacent to main reception area.

ENVIRONMENTAL SOUND CONTROL
- Walls: minimum STC 50
- Ceilings: minimum CAC 35, NRC .70
- Quiet HVAC systems

WRITING/DISPLAY SPACES
- None

FLOORING
- Carpet Tiles

WINDOWS/DOORS
- Windows: Hollow Metal (HM) or aluminum frame/ storefront, with insulating clear glazing. Low-E glazing where applicable. Roller window shades/ blinds.
- Doors (Exterior): Metal Poly Core with vision-lite with side-lite; HM or aluminum frame
- Doors (Interior): Solid Wood Core with vision-lite; HM or aluminum frame.

CASEWORK
- None

LIGHTING
- Energy efficient lighting switches

PLUMBING
- None

ELECTRICAL/DATA
- (2) Electrical receptacles for parent check in/out

HVAC
- Energy efficient HVAC unit pack

TECHNOLOGY / COMMUNICATIONS
- Remote access control

FURNITURE FOR THE SPACE
- None

ELEMENTARY SCHOOL

ADMINISTRATION
SPACE DESCRIPTIONS & RELATIONSHIPS

PRINCIPAL'S OFFICE

General Concept and Activities
The principal's office will be the headquarters for providing leadership to the school and should communicate a professional and organized environment. In addition to working in this space, the principal will meet with parents, students, other administrators, and staff members in a one-on-one or small group conference setting. The office should accommodate 1- 5 people at a time. This space will also be used for personal storage and will possibly house some confidential records.

Primary and Secondary Users
Administrative staff
Parents
Students

Relationship and Organization
This office should be close to the Reception/Waiting for Administration and would ideally have good visibility of the interior campus of the school. This office should be close to the main Conference Room and should be adjacent to administrative support staff, with a visual connection, if possible.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
• Walls: minimum STC 50
• Ceilings: minimum CAC 35, NRC .70

WRITING / DISPLAY SPACES
• Tackboard

FLOORING
• Carpet Tiles

WINDOWS / DOORS
• Hollow Metal (HM) or aluminum frame/ storefront, with insulating clear glazing. Low-E glazing where applicable. Roller window shades/ blinds.
• Doors (Interior): Solid Wood Core with vision-lite; HM or aluminum frame.
• Access control hardware

CASEWORK
• None

LIGHTING
• Natural daylighting
• Overhead fixtures - indirect, if possible
• Energy efficient light switches with light sensors

PLUMBING
• None

ELECTRICAL/DATA
• One duplex receptacle on each wall in addition to power/data for printer.
• Provide two (2) duplex/data locations on perpendicular walls for multiple desk layout options.

HVAC
• Energy efficient HVAC unit pack

TECHNOLOGY / COMMUNICATIONS
• Wireless Access Point(s)

FURNITURE FOR THE SPACE
• Desk and chair
• Guest seating (2)
• File cabinet
• Round Meeting Table for 2-4

ELEMENTARY SCHOOL

ADMINISTRATION
SPACE DESCRIPTIONS & RELATIONSHIPS

ADMINISTRATIVE ASSISTANT

General Concept and Activities
This space will primarily be used as a work area for the Administrative Assistants that support the principal as well as the entire school. Layout should be flexible to accommodate varying staff members and space needs.

Primary and Secondary Users
Administrative Support Staff
Administrative Staff
Teachers

Relationship and Organization
This space should be close to the Principal's Office as well as the conference room and provide line of sight into Principal's Office.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
- Walls: minimum STC 50
- Ceilings: minimum CAC 35, NRC .70

WRITING / DISPLAY SPACES
- Tackboard

FLOORING
- Carpet Tiles

WINDOWS / DOORS
- None

CASEWORK
- None

LIGHTING
- Natural daylighting
- Overhead fixtures - indirect, if possible
- Energy efficient light switches
- Light sensors

PLUMBING
- None

ELECTRICAL/DATA
- One duplex receptacle on each wall in addition to power/data for printer.
- Provide two (2) duplex/data locations on perpendicular walls for multiple desk layout options.

HVAC
- Energy efficient HVAC unit pack

TECHNOLOGY / COMMUNICATIONS
- Wireless Access Point(s)

FURNITURE FOR THE SPACE
- Desk and chair
- Seating for students 2-3 (waiting area)

ELEMENTARY SCHOOL

ADMINISTRATION
SPACE DESCRIPTIONS & RELATIONSHIPS

CONFERENCE ROOMS

General Concept and Activities
The Conference Room would provide space that could be used by the administration and other staff for meetings and presentations with 12-14 people seated at a conference table. This room could also be used for parent meetings. Multimedia for presentations should be built-into the room space. The room will need to be flexible with seating and set up.

Primary and Secondary Uses
Administrative staff
Parents/Visitors
Students
Staff

Relationship and Organization
This space should be located with direct access to the reception area and close to the Principal's office. The conference room should also be in close proximity to restrooms.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
- Walls: minimum STC 50
- Ceilings: minimum CAC 35, NRC .70

WRITING / DISPLAY SPACES
- Tackboards
- Whiteboards

FLOORING
- Carpet Tiles

WINDOWS / DOORS
- Hollow Metal (HM) or aluminum frame/ storefront, with insulating clear glazing. Low-E glazing where applicable. Roller window shades/ blinds.

- Doors (Interior): Solid Wood Core with vision-lite; HM or aluminum frame.
- Access control hardware

CASEWORK
- None

LIGHTING
- Natural daylighting
- Overhead fixtures - indirect, if possible
- Energy efficient light switches with light sensors
- Consider lights over conference table

PLUMBING
- None

ELECTRICAL/DATA
- Duplex/data receptacles on each wall in addition to power for computer/printer
- Duplex receptacle under conference table (flush with floor)
- Provide power/data for flat screen monitor
- Data for Conference Phone

HVAC
- Energy efficient HVAC unit pack

TECHNOLOGY / COMMUNICATIONS
- Wireless Access Point(s)
- Conference Phone

FURNITURE FOR THE SPACE
- Conference Table
- 12-14 Chairs
- Credenza

ELEMENTARY SCHOOL

ADMINISTRATION
SPACE DESCRIPTIONS & RELATIONSHIPS

TEACHER LOUNGE/WORKROOM

General Concept and Activities

The teacher's lounge/workroom serves as a location for teachers to collaborate, enjoy their meal or break, as well as hold meetings and presentations. Supplies, a copier and copy paper for the school would be stored here. This space shall be divided by mailboxes to create lounge area and working area.

Primary and Secondary Uses

Administrative Staff
Teachers

Relationship and Organization

Separate from main reception area for more privacy. Should be easily accessible from classrooms.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
- Walls: minimum STC 50
- Ceilings: minimum CAC 35, NRC .70

WRITING/DISPLAY SPACES
- Magnetic whiteboard
- Tackboard

FLOORING
- Resilient flooring

WINDOWS/DOORS
- Hollow Metal (HM) or aluminum frame/ storefront, with insulating clear glazing. Low-E glazing where applicable. Roller window shades/ blinds.
- Doors (Interior): Solid Wood Core with vision-lite; HM or aluminum frame.

CASEWORK
- Mailboxes, 3" high x 12"wide x 18" deep, minimum of 50. Quantities vary, confirm with District.

- Standing height counter with lower and upper cabinets (drawers & adjustable shelves and room for laminator)
- Tall storage cabinet (7'-0" tall) lockable
- Double sink with garbage disposal
- Microwave
- Coffee maker
- Refrigerator

LIGHTING
- Natural daylighting through glazing with easily adjustable baffles for control
- Overhead fixtures
- Energy efficient light switches
- Light sensors

PLUMBING
- Cold water to sink/disposal and refrigerator

ELECTRICAL/DATA
- Electrical/data/phone at tables
- Two (2) duplex receptacles above counter
- Dedicated power and data for two (2) copiers and other equipment/appliances.

HVAC
- Energy efficient HVAC unit pack

TECHNOLOGY / COMMUNICATIONS
- Wireless Access Point(s)

FURNITURE FOR THE SPACE
- Table with 8-10 chairs in workroom
- Multiple person (4-6) tables and chairs in lounge
- Soft furnishings, with charging and data connection
- Patio furnishings at exterior, with shade device
- Stools/chairs for work at counter
- Small worktables and chairs
- Wall mounted paper roll

ELEMENTARY SCHOOL

ADMINISTRATION
SPACE DESCRIPTIONS & RELATIONSHIPS

STORAGE

General Concept and Activities
Storage room shall be used to store administrative office supplies as well as other items such as copy paper, school supplies, etc.

Primary and Secondary Uses
Staff

Relationship and Organization
Centrally located in administration area.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
• None

WRITING/DISPLAY SPACES
• None

FLOORING
• Sealed concrete

WINDOWS/DOORS
• Doors (Interior): Solid Wood Core with vision-lite; HM or aluminum frame.

CASEWORK
• Adjustable metal shelving

LIGHTING
• Overhead fixtures
• Energy efficient light switches
• Light sensors

PLUMBING
• None

ELECTRICAL/DATA
• Electrical outlets on each wall
• Data on each wall

HVAC
• Energy efficient HVAC unit pack

TECHNOLOGY / COMMUNICATIONS
• None

FURNITURE FOR THE SPACE
• None

ELEMENTARY SCHOOL

ADMINISTRATION
SPACE DESCRIPTIONS & RELATIONSHIPS

RESTROOM

General Concept and Activities
Restrooms to support administrative staff as well as visitors.

Primary and Secondary Uses
Staff
Parents
Visitors

Relationship and Organization
To be located with easy access to administration. Consider sight-lines and privacy for location.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
- Walls: minimum STC 50
- Ceilings: minimum CAC 35, NRC .70

WRITING/DISPLAY SPACES
- None

FLOORING
- Porcelain tile

WINDOWS/DOORS
- Doors (Interior): Solid Wood Core with vision-lite; HM or aluminum frame.
- No windows for privacy

CASEWORK
- Restroom accessories including mirror
- Hand sanitizer dispenser

LIGHTING
- Overhead fixtures
- Energy efficient light switches
- Light sensors

PLUMBING
- Cold water to sink
- Plumbing to toilet

ELECTRICAL/DATA
- GFCI outlets on one wall

HVAC
- Energy efficient HVAC unit pack
- Exhaust

TECHNOLOGY / COMMUNICATIONS
- None

FURNITURE FOR THE SPACE
- None

ELEMENTARY SCHOOL

ADMINISTRATION
SPACE DESCRIPTIONS & RELATIONSHIPS

VAULT

General Concept and Activities
Vault should be used for storage of important and confidential information.

Primary and Secondary Uses
Staff

Relationship and Organization
Centrally located in administration area.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
- None

WRITING/DISPLAY SPACES
- None

FLOORING
- Sealed concrete

WINDOWS/DOORS
- Doors (Interior): Solid Wood Core with vision-lite; HM or aluminum frame.

CASEWORK
- None

LIGHTING
- Overhead fixtures
- Energy efficient light switches
- Light sensors

PLUMBING
- None

ELECTRICAL/DATA
- Electrical outlets on each wall

HVAC
- Energy efficient HVAC unit pack

TECHNOLOGY / COMMUNICATIONS
- None

FURNITURE FOR THE SPACE
- Vault

ELEMENTARY SCHOOL

ADMINISTRATION
SPACE DESCRIPTIONS & RELATIONSHIPS

MOTHERS ROOM

General Concept and Activities
This space is for new/lactating mother's to allow for privacy while pumping breast milk.

Primary and Secondary Users
Staff

Relationship and Organization
This space should be close to the workroom and teachers lounge.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
- Walls: minimum STC 50
- Ceilings: minimum CAC 35, NRC .70

WRITING / DISPLAY SPACES
- None

FLOORING
- Carpet Tiles

WINDOWS / DOORS
- Hollow Metal (HM) or aluminum frame/ storefront, with insulating clear glazing. Low-E glazing where applicable. Roller window shades/ blinds.
- Doors (Interior): Solid Wood Core with vision-lite; HM or aluminum frame.

CASEWORK
- Seated height counter with sink
- Undercounter refrigerator

LIGHTING
- Overhead fixtures - indirect, if possible
- Energy efficient light switches
- Light sensors

PLUMBING
- Water to sink

ELECTRICAL/DATA
- Duplex/data receptacles on one wall

HVAC
- Energy efficient HVAC unit pack

TECHNOLOGY / COMMUNICATIONS
- Wireless Access Point(s)

FURNITURE FOR THE SPACE
- Soft seating/chair
- Small side table

ELEMENTARY SCHOOL

ADMINISTRATION
SPACE DESCRIPTIONS & RELATIONSHIPS

FLEX OFFICE

General Concept and Activities
This office is used by itinerant staff such as school counselors, psychologists, etc. The space should be flexible to allow others visiting the campus a space to work. Meeting with parents, students and other staff will be held in this space.

Primary and Secondary Users
Staff
Parents
Students

Relationship and Organization
This office should be close to the main hallway to be accessed by students easily. The office should also be along with administrative corridor.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
- Walls: minimum STC 50
- Ceilings: minimum CAC 35, NRC .70

WRITING / DISPLAY SPACES
- Tackboard

FLOORING
- Carpet Tiles

WINDOWS / DOORS
- Hollow Metal (HM) or aluminum frame/ storefront, with insulating clear glazing. Low-E glazing where applicable. Roller window shades/ blinds.
- Doors (Interior): Solid Wood Core with vision-lite; HM or aluminum frame.

CASEWORK
- None

LIGHTING
- Natural daylighting
- Overhead fixtures - indirect, if possible
- Energy efficient light switches
- Light sensors

PLUMBING
- None

ELECTRICAL/DATA
- One duplex receptacle on each wall in addition to power/data for printer.
- Provide two (2) duplex/data locations on perpendicular walls for multiple desk layout options.

HVAC
- Energy efficient HVAC unit pack

TECHNOLOGY / COMMUNICATIONS
- Wireless Access Point(s)

FURNITURE FOR THE SPACE
- Desk and chair
- Round table and guest seating (2-4)
- Locking storage for files

ELEMENTARY SCHOOL

ADMINISTRATION
SPACE DESCRIPTIONS & RELATIONSHIPS

RECORDS ROOM

General Concept and Activities
This room is for administrative staff to store past and current student records. Back up records in digital format may also be stored here. Only administrative staff and teachers should access this room.

Primary and Secondary Users
Staff
Teachers

Relationship and Organization
This office should be close to the counselor's office.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
- Walls: minimum STC 50
- Ceilings: minimum CAC 35, NRC .70

WRITING / DISPLAY SPACES
- Small tackboard

FLOORING
- Resilient flooring

WINDOWS / DOORS
- Doors (Interior): Solid Wood Core - Fire rated, HM or aluminum frame

CASEWORK
- None

LIGHTING
- Overhead fixtures - indirect, if possible
- Energy efficient light switches
- Light sensors

PLUMBING
- None

ELECTRICAL/DATA
- Duplex/data receptacles on two walls

HVAC
- Energy efficient HVAC unit pack

TECHNOLOGY / COMMUNICATIONS
- None

FURNITURE FOR THE SPACE
- Vertical or lateral files
- If room is not 2-hour fire rated, consider fire-proof storage files
- Small table

ELEMENTARY SCHOOL

ADMINISTRATION
SPACE DESCRIPTIONS & RELATIONSHIPS

HEALTH CLERK/TREATMENT/COTS

General Concept and Activities

This space is where nurse, health clerk or other staff members can address students who are feeling ill. Students may also wait in this space for parent pick up.

Eye exams and other exams may also take place in this space. There may not be a full time nurse at campus therefore health clinic may be supported by administrative staff.

Primary and Secondary Users

Nurse / Staff
Parents
Students

Relationship and Organization

This space should be located within the clinic with direct access to Nurse desk and wheelchair storage space.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
- Walls: minimum STC 50
- Ceilings: minimum CAC 35, NRC .70

WRITING / DISPLAY SPACES
- Tackboard

FLOORING
- Resilient flooring in treatment/cot area

WINDOWS / DOORS
- Doors (Interior): Solid Wood Core with vision-lite; HM or aluminum frame.

CASEWORK
- Upper cabinet (lockable) with cubbies to separate individual student medications.
- Tall cabinet with adjustable shelves.
- Refrigerator
- Ice Maker
- Base cabinet with sink
- Eye Chart - Provide minimum 11' clear floor area to allow for eye exams.

LIGHTING
- Overhead fixtures - indirect, if possible
- Energy efficient light switches
- Light sensors
- Consider task lights at workspace
- Separate switching for lights at cots

PLUMBING
- Hot and cold water to sink

ELECTRICAL/DATA
- Provide power/data at two (2) locations on perpendicular walls for computers, allowing for multiple desk layouts.

HVAC
- Energy efficient HVAC unit pack

TECHNOLOGY / COMMUNICATIONS
- Wireless Access Point(s)

FURNITURE FOR THE SPACE
- Desk and chair
- Guest seating (1-2)
- Cots (2)
- Privacy Curtains (2) - between cots
- Chairs (2)

ELEMENTARY SCHOOL

ADMINISTRATION
SPACE DESCRIPTIONS & RELATIONSHIPS

HEALTH RESTROOM

General Concept and Activities
Restrooms to support Health Clinic (students & staff).

Primary and Secondary Uses
Staff
Students

Relationship and Organization
To be located with easy access to treatment area. Consider sight-lines and privacy for location.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
- Walls: minimum STC 50
- Ceilings: minimum CAC 35, NRC .70

WRITING/DISPLAY SPACES
- None

FLOORING
- Porcelain tile

WINDOWS/DOORS
- Doors (Interior): Solid Wood Core with vision-lite; HM or aluminum frame.
- No windows for privacy

CASEWORK
- Restroom accessories including mirror
- Hand sanitizer dispenser
- 4" deep wall cabinet over toilet

LIGHTING
- Overhead fixtures
- Energy efficient light switches
- Light sensors

PLUMBING
- Cold water to sink
- Plumbing to toilet

ELECTRICAL/DATA
- GFCI outlets on one wall

HVAC
- Energy efficient HVAC unit pack
- Exhaust

TECHNOLOGY / COMMUNICATIONS
- None

FURNITURE FOR THE SPACE
- Hooks on wall
- Restroom should be able to accommodate hoist for handicap users

ELEMENTARY SCHOOL

ADMINISTRATION
SPACE DESCRIPTIONS & RELATIONSHIPS

IDF/DATA ROOM / ELECTRICAL ROOM

General Concept and Activities:

The IDF rooms will be intermediate distribution frame rooms for the campus and should be distributed through the campus to comply with cabling distance requirements. Electrical Rooms shall provide storage for dedicated electrical equipment and switchboards.

Primary and Secondary Users

Staff

Relationship and Organization

This space should be located within Administration with doors to the exterior of building.

ENVIRONMENTAL SOUND CONTROL
- Walls: minimum STC 50
- Ceilings: minimum CAC 35, NRC .70

WRITING / DISPLAY SPACES
- None

FLOORING
- Carpet Tiles

WINDOWS / DOORS
- Doors (Interior): Solid Wood Core with vision-lite; HM or aluminum frame.

CASEWORK
- Coordinate equipment/fixtures with JUSD Technology Department

LIGHTING
- Overhead fixtures - indirect, if possible
- Energy efficient light switches
- Light sensors

PLUMBING
- None

ELECTRICAL/DATA
- Confirm with Jurupa ISD Guidelines for wiring specifications, services, and requirements for these spaces

HVAC
- Cooling, heating and humidity control for these rooms shall be independently controlled, and provide service 24-hours a day, 365-days a year

TECHNOLOGY / COMMUNICATIONS
- Wireless Access Point(s)

FURNITURE FOR THE SPACE
- None

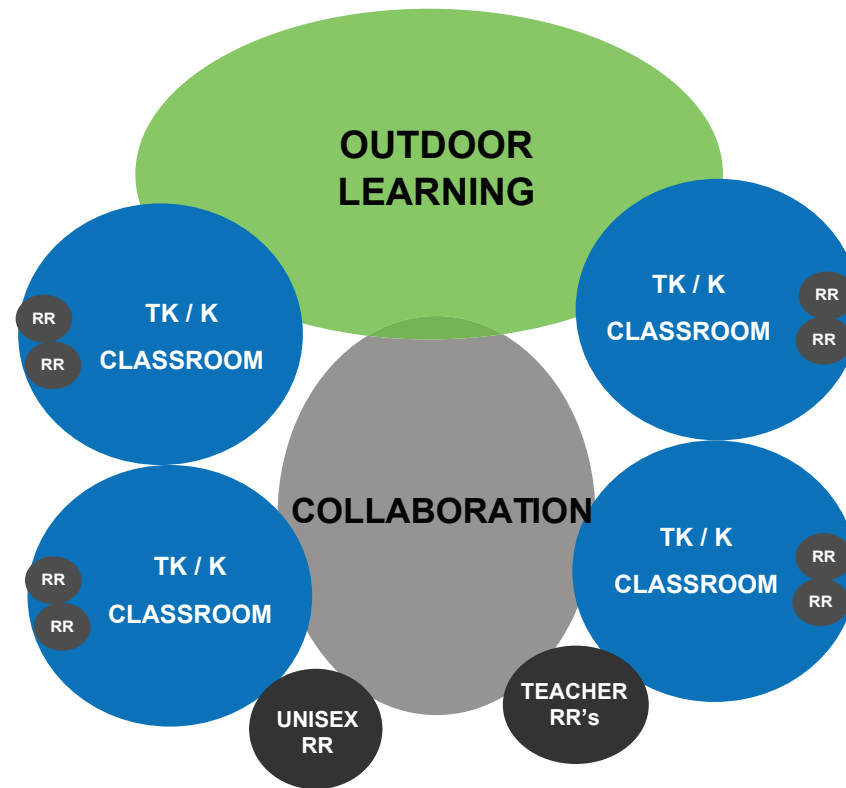# ELEMENTARY SCHOOL

LEARNING SPACES

ELEMENTARY SCHOOL

LEARNING SPACES
PROGRAM OF SPACES

SPACE	500 Students			750 Students			900 Students		
	Qty	SF	Total	Qty	SF	Total	Qty	SF	Total
Head Start/Preschool Classroom	2	960	1,920	3	960	2,880	3	960	2,880
(If offered at campus)									
TK - KINDERGARTEN									
Classrooms	4	960	3,840	6	960	5,760	7	960	6,720
Restrooms	2	80	160	3	80	240	3	80	240
Teacher Restroom	2	60	120	2	60	120	2	60	120
Unisex Restroom (1 per 2 grades)	1	80	80	1	80	80	1	80	80
1ST – 6TH GRADE									
Classrooms	17	960	16,320	23	960	22,080	29	960	27,840
Collaboration Space	6	600	3,600	6	600	3,600	6	600	3,600
Restrooms (2 per grade level)	6	180	1,080	6	180	1,080	6	180	1,080
Teacher Collaboration Room									
(1 for 1st-3rd and 1 for 4th-6th)	2	200	400	2	200	400	2	200	400
Teacher Restroom	6	60	360	6	60	360	6	60	360
Unisex Restroom (1 per 2 grades)	3	80	240	3	80	240	3	80	240
	Subtotal 28,120			**Subtotal 36,840**			**Subtotal 43,560**		

*Total number of classrooms will vary by campus. Figures listed here need to be confirmed based on individual campus needs.

ELEMENTARY SCHOOL

TK - KINDERGARTEN ADJACENCY

OUTDOOR LEARNING

TK / K CLASSROOM

RR
RR

TK / K CLASSROOM

RR
RR

COLLABORATION

TK / K CLASSROOM

RR
RR

TK / K CLASSROOM

RR
RR

UNISEX RR

TEACHER RR's

ELEMENTARY SCHOOL

1ST - 6TH GRADE ADJACENCY
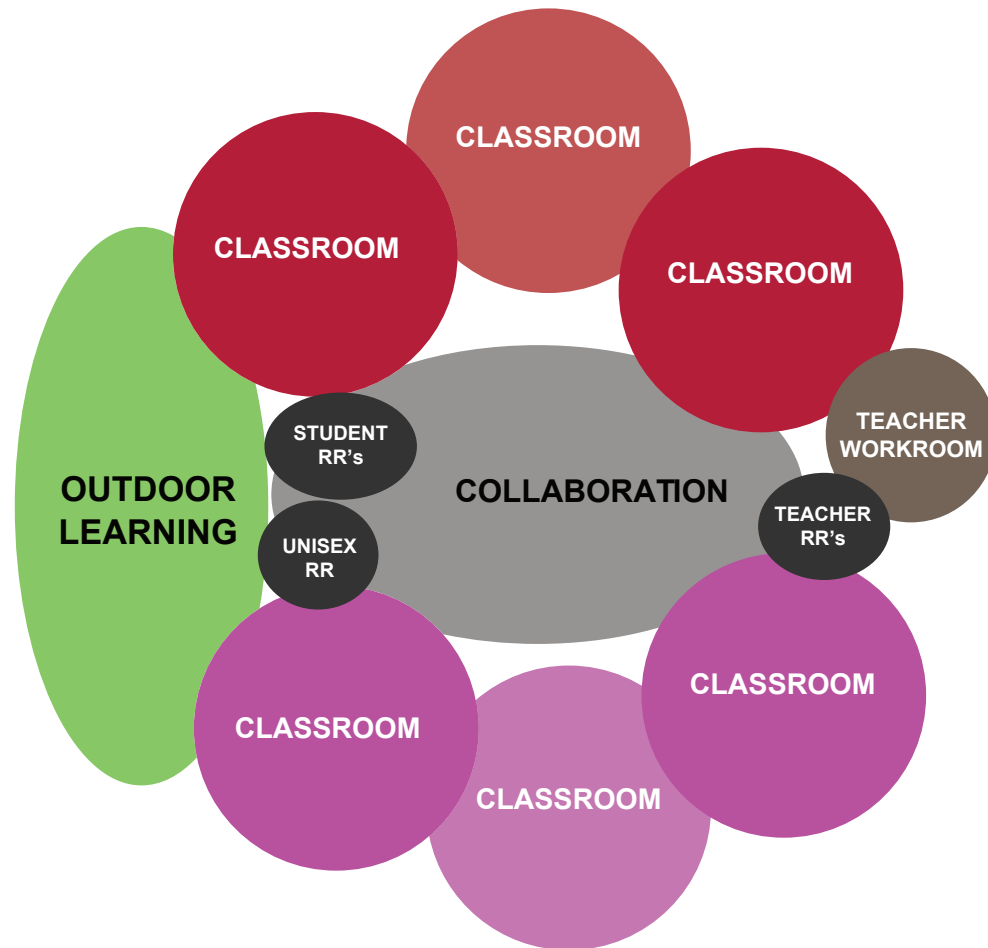
ELEMENTARY SCHOOL

LEARNING SPACES
KINDERGARTEN
SPACE DESCRIPTIONS &
RELATIONSHIPS

HEAD START/PRESCHOOL CLASSROOMS

General Concept and Activities:
Ideally, the District would like to have a Head Start/Pre-School Classroom at every elementary campus. This would allow each neighborhood school to support quality early learning care. The Head Start/Pre-School classrooms support the District's early learning and care program. The environment for these young children should be welcoming and safe, with an environmental balance of stimulating and calming spaces. Licensing requirements for Head Start/Pre-School require that classes be separated by age groups into three divisions: 12-24 months, 24-36 months, and 36+ months. Currently, JUSD does not offer infant programs, but future planning for accommodations should be factored in pre-school classrooms to make conversions easier.

Furniture should be low, so teachers can see students in all areas of the room, and there should be plenty of soft spaces for children's comfort. Per current licensing requirements, there should be at least 35 SF of space per child, with room to hold at least 21 children, so rooms should be a minimum of 840 net SF. These rooms shall be planned at 960 SF.

A variety of activities take place in the classrooms, including large and small group instruction, sitting on the floor, listening to teachers and other students, reading, playing games, interactive activities with manipulatives (both on the floor and at a table), engaging in art projects, playing instruments, singing, etc. Students should have access to tablet or other current technology.

Movement activities are included in the curriculum to develop gross motor development, coordination, and balance. Child exploration with sand and water, often at sand/water table, develop and strengthen sensory skills. Access to outdoor, shaded play areas will be important for outdoor learning, play and exploration.

Primary and Secondary Uses
Teachers
Students
Parents

Relationship and Organization
These classrooms should be grouped around a designated Head Start/Pre-School playground area on the campus, ideally near TK/K classrooms to allow primary learners to be close to each other. This grouping allows for shared facilities, such as bathrooms and storage. Classrooms should be located close to the campus entrance or a separate parent drop office area for young children. Restrooms should be located with direct classroom access.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
- Walls: minimum STC 50
- Ceilings: minimum CAC 35, NRC .70

WRITING/DISPLAY SPACES
- Magnetic whiteboard - one 12' markerboard flanked by two 4' markerboards
- Tackboards on all other walls

FLOORING
- Carpet Tiles(half carpet tile)
- Walk off mat at entry

WINDOWS/DOORS
- Windows: Provide reflective window tint.
- Hollow Metal (HM) or aluminum frame/ storefront, with insulating clear glazing. Low-E glazing where applicable. Roller window shades/ blinds. Shades to allow 3% opening. Windows shall not extend to floor.
- Doors (Interior): Solid Wood Core with vision-lite; HM or aluminum frame..
- Hardware: Thumb-locks to allow Classrooms to be locked from the inside without the use of a key.
- Access control

CASEWORK
- Counter with sink at 24", with space for refrigerator, dishwasher, and locking cabinet for supplies, cleaning, and medicine storage.
- One wall to have one teachers wardrobe, and tall storage units (lockable).
- Provide lunch box cubbie storage.
- Provide backpack storage - District may consider mobile carts.
- Storage for diapers and wipes.
- Storage for cots and bedding.
- Changing table should be provided in adjacent restroom.

LIGHTING
- Natural daylighting through glazing with easily adjustable baffles for control
- Overhead fixtures
- Energy efficient light switches
- Light sensors

PLUMBING
- Cold water to sink at age appropriate height
- Drinking fountains with bottle filling capability near sink
- Water to dishwasher
- Outdoor faucet on playground with hose for outdoor water activities

ELECTRICAL/DATA
- Two (2) duplex receptacles above counter
- Two (2) duplex receptacles along each wall
- Three (3) computer drops for teachers. Two (2) teachers in each classroom

HVAC
- Energy efficient HVAC unit pack located outside classroom to avoid mechanical noise.

TECHNOLOGY / COMMUNICATIONS
- Wireless Access Point(s)
- One (1) mounted projection device

FURNITURE FOR THE SPACE (varies by grade level)
- Age appropriate tables and ergonomic chairs
- Staff chair and surface support
- Comfortable chairs or beanbag chairs for reading
- Low mobile storage units, including shelving with locking casters that can allow for opportunities to create various room layouts and centers.
- Sand and water tables
- Tricycles
- Big blocks
- Rocking stools
- Story time rug

ELEMENTARY SCHOOL

LEARNING SPACES
KINDERGARTEN
SPACE DESCRIPTIONS &
RELATIONSHIPS

TK - KINDERGARTEN CLASSROOMS

General Concept and Activities:
The TK/Kindergarten classrooms and support spaces must be agile and flexible to accommodate a variety of instructional activities in alignment with JUSD's guiding principles. Class areas should provide active and passive spaces that encourage different types of learning styles; from large lecture to small group to individual work. Spaces should be designed to support hands on learning.

Primary and Secondary Uses
Teachers
Students

Relationship and Organization
TK/Kindergarten should have direct access to dedicated toilets, and TK/Kindergarten grade play area. Classrooms should be located near Campus Administration, be adjacent to dedicated play yard and placed near the main parent drop-off. All Classrooms should have plenty of storage and tackable wall space to display student work. Considerations shall include space to accommodate either mobile backpack storage carts or hooks. Computer access shall be integrated in all spaces.

Classrooms should allow space for two (2) teachers due to inclusion.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
- Walls: minimum STC 50
- Ceilings: minimum CAC 35, NRC .70

WRITING/DISPLAY SPACES
- Magnetic whiteboard - one 12' markerboard flanked by two 4' markerboards
- Tackboards on all other walls

FLOORING
- Carpet Tiles
- Walk off mat at entry

WINDOWS/DOORS
- Windows: Provide reflective window tint.
- Hollow Metal (HM) or aluminum frame/ storefront, with insulating clear glazing. Low-E glazing where applicable. Roller window shades/ blinds. Shades to allow 3% opening. Windows shall not extend to floor.
- Doors (Interior): Solid Wood Core with vision-lite; HM or aluminum frame.
- Hardware: Thumb-locks to allow Classrooms to be locked from the inside without the use of a key.
- Access control to be provided as well.

CASEWORK
- One wall to have one teachers wardrobe, and tall storage units (lockable)
- One tall storage unit to allow for locked storage of laptop cart.
- Provide lunch box cubbie storage
- Provide backpack storage - District may consider mobile carts

LIGHTING
- Natural daylighting through glazing with easily adjustable baffles for control
- Overhead fixtures
- Energy efficient light switches
- Light sensors

PLUMBING
- Cold water to sink at age appropriate height
- Drinking fountains with bottle filling capability near sink

ELECTRICAL/DATA
- Two (2) duplex receptacles above counter
- Two (2) duplex receptacles along each wall
- Three (3) computer drops for teachers. Two (2) teachers in each classroom

HVAC
- Energy efficient HVAC unit pack located outside classroom to avoid mechanical noise

TECHNOLOGY / COMMUNICATIONS
- Wireless Access Point(s)
- One (1) mounted projection device

FURNITURE FOR THE SPACE (varies by grade level)
- Student desks and chairs for 24 (moveable and can be arranged into multiple configurations), with two (2) standing height desks and 12" high desks for floor activities
- Soft seating for reading
- Stools for standing height tables
- Adjustable teachers podium and stool.
- Six (6) wobbly stools
- Story time rug

ELEMENTARY SCHOOL

LEARNING SPACES
1ST - 6TH GRADE
SPACE DESCRIPTIONS & RELATIONSHIPS

TYPICAL CLASSROOMS

General Concept and Activities:
The standard Classrooms will be organized to facilitate an interdisciplinary, learner-centered approach to instruction with full integration of technology and a focus on hands on learning. All classrooms must be agile and flexible to accommodate a variety of instructional activities in alignment with JUSD's guiding principles. Class areas should provide active and passive spaces that encourage different types of learning styles; from large lecture to small group to individual work.

Primary and Secondary Uses
Teachers
Students

Relationship and Organization
The Classrooms are organized in a cluster around a central Campus Hub. Classrooms shall have the ability to open up to outdoor learning courtyards that extend the learning outdoors.

Classrooms shall be technology rich to support student centered learning, as well as support the district's focus on hands on learning.

High-performance learning environment elements such as flexible, movable furniture, good indoor air quality, diffused natural daylight, light level selection, exterior views, superior acoustical performance, comfortable thermal setting and controllability, improved ventilation, should be included in all areas.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
- Walls: minimum STC 50
- Ceilings: minimum CAC 35, NRC .70

WRITING/DISPLAY SPACES
- Magnetic whiteboard - one 12' markerboard flanked by two 4' markerboards
- Tackboards on all other walls

FLOORING
- Carpet Tiles
- Walk-off carpet at entry

WINDOWS/DOORS
- Windows: Provide reflective window tint.
- Hollow Metal (HM) or aluminum frame/ storefront, with insulating clear glazing. Low-E glazing where applicable. Roller window shades/ blinds. Shades to allow 3% opening. Windows shall not extend to floor.
- Doors (Interior): Solid Wood Core with vision-lite; HM or aluminum frame..
- Hardware: Thumb-locks to allow Classrooms to be locked from the inside without the use of a key.
- Access control to be provided as well.

CASEWORK
- One wall to have one teachers wardrobe, and tall storage units (lockable)
- One locking tall storage unit for storage
- Provide backpack and lunch box storage - District may consider mobile carts

LIGHTING
- Natural daylighting through glazing with easily adjustable baffles for control
- Overhead fixtures
- Energy efficient light switches
- Light sensors

PLUMBING
- Cold water to sink at age appropriate height
- Drinking fountains with bottle filling capability near sink

ELECTRICAL/DATA
- Two (2) duplex receptacles above counter
- Two (2) duplex receptacles along each wall
- Three (3) computer drops for teachers.

HVAC
- Energy efficient HVAC unit pack located outside classroom to avoid mechanical noise

TECHNOLOGY / COMMUNICATIONS
- Wireless Access Point(s)
- One (1) mounted projection device

FURNITURE FOR THE SPACE (varies by grade level)
- Student desks and chairs for 34 (moveable and can be arranged into multiple configurations), with two (2) standing height desks and 12" high desks for floor activities*
- Soft seating for reading
- Stools for standing height tables
- Adjustable teachers podium and stool.
- Six (6) wobbly stools

*Number of desks will vary by grade level.

ELEMENTARY SCHOOL

LEARNING SPACES
1ST - 6TH GRADE
SPACE DESCRIPTIONS & RELATIONSHIPS

COLLABORATION SPACE

General Concept and Activities:
The collaboration space should be designed to extend the learning outside the classrooms. Transparency from the classrooms to this space is require by including sidelights next to classroom doors or movable walls. Access can be provided between groups of classrooms to foster cross-collaboration teaching. Collaboration spaces should be flexible with moveable, group-able furnishings. A variety of activities including makerspace activities, team teaching, small group work, Art and Science, could occur in this space. Design for floor outlets, wireless technology, and charging stations for mobile devices to maximize flexibility. Storage should be provided within the space.

Primary and Secondary Uses
Teachers
Students

Relationship and Organization
The collaboration space should be located central to classrooms.

Features of the Space
High-performance learning environment elements such as flexible, movable furniture, good indoor air quality, diffused natural daylight, light level selection, exterior views, superior acoustical performance, comfortable thermal setting and controllability, improved ventilation, should be included in all areas.

ENVIRONMENTAL SOUND CONTROL
- Walls: minimum STC 50
- Ceilings: minimum CAC 35, NRC .70
- Quiet HVAC systems
- Provide quality acoustic properties conducive for instructional purposes in all spaces and adjoining walls

WRITING/DISPLAY SPACES
- Magnetic whiteboard
- Tackboard

FLOORING
- Carpet Tiles

WINDOWS/DOORS
- Windows: Hollow Metal (HM) or aluminum frame/ storefront, with insulating clear glazing. Low-E glazing where applicable. Roller window shades/ blinds.
- Doors (Interior): Solid Wood Core with vision-lite; HM or aluminum frame.

CASEWORK
- Storage cabinets
- Safety hook or open shelving for backpacks.
- Teacher storage along one wall for classroom materials.

LIGHTING
- Natural daylighting through glazing with easily adjustable baffles for control
- Overhead fixtures
- Energy efficient light switches
- Light sensors

PLUMBING
- None

ELECTRICAL/DATA
- Wireless infrastructure
- Electrical quad outlets at each data port
- 1 (2) port for student computer station
- 1 (2) port with duplex outlet for 4 printer locations
- Wall mounted clock
- 1 AV outlet
- Wall mounted outlet for intrusion detection motion sensor
- Ceiling mounted speaker

HVAC
- Energy efficient HVAC unit pack
- Digital display thermostats with override capability and temperature adjustment (with preset limits)

TECHNOLOGY / COMMUNICATIONS
- Wireless Access Point(s)
- One (1) mounted projection device

FURNITURE FOR THE SPACE
- Moveable, group-able, tables and chairs
- Soft seating for reading
- Mobile workstation and task chair
- Wobbly stools (6)

ELEMENTARY SCHOOL

LEARNING SPACES
SPACE DESCRIPTIONS & RELATIONSHIPS

TEACHER WORKROOM

General Concept and Activities
The workroom may be used by the teachers for a variety of activities. Supplies and copy paper for the classroom would be stored in this room.

Primary and Secondary Uses
Teachers
Staff

Relationship and Organization
This space should be located close to classrooms and activity center. Consider sight-lines and privacy for location.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
- Walls: minimum STC 50
- Ceilings: minimum CAC 35, NRC .70
- Provide quality acoustic properties conducive for instructional purposes in all spaces and adjoining walls

WRITING / DISPLAY SPACES
- Tackboards
- Small markerboard

FLOORING
- Resilient flooring

WINDOWS / DOORS
- Windows: Hollow Metal (HM) or aluminum frame/ storefront, with insulating clear glazing. Low-E glazing where applicable. Roller window shades/ blinds
- Doors (Interior): Solid Wood Core with vision-lite; HM or aluminum frame.

CASEWORK
- Standing height counter with lower and upper cabinets, lockable
- Sink at base cabinet

LIGHTING
- Overhead fixtures - indirect, if possible
- Energy efficient light switches
- Light sensors

PLUMBING
- None

ELECTRICAL/DATA
- Electrical/ data/ phone at meeting table
- Electrical duplex/ data 1 (2) port for printer
- Additional above counter electrical outlets
- Additional data/ electrical ports as required for equipment
- Ceiling mounted speaker

HVAC
- Energy efficient HVAC unit pack

TECHNOLOGY / COMMUNICATIONS
- Wireless Access Point(s)

FURNITURE FOR THE SPACE
- Under-counter refrigerator.
- Stools/chairs for work at counter
- Small worktables and chairs (seating for 12-14)

ELEMENTARY SCHOOL

LEARNING SPACES
SPACE DESCRIPTIONS & RELATIONSHIPS

RESTROOM

General Concept and Activities
Student Restrooms

Primary and Secondary Uses
Students
Teachers

Relationship and Organization
To be located with easy access to classrooms. Consider sight-lines and privacy for location.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
*   Walls: minimum STC 50
*   Ceilings: minimum CAC 35, NRC .70

WRITING/DISPLAY SPACES
*   None

FLOORING
*   Porcelain tile

WINDOWS/DOORS
*   Doors (Interior): Solid Wood Core with vision-lite; HM or aluminum frame.
*   No windows for privacy

CASEWORK
*   Restroom accessories including mirrors
*   Hand sanitizer dispenser

LIGHTING
*   Overhead fixtures
*   Energy efficient light switches
*   Light sensors

PLUMBING
*   Hot and cold water to sink
*   Plumbing to toilet

ELECTRICAL/DATA
*   GFCI outlets on one wall

HVAC
*   Energy efficient HVAC unit pack
*   Exhaust

TECHNOLOGY / COMMUNICATIONS
*   None

FURNITURE FOR THE SPACE
*   None

ELEMENTARY SCHOOL

MULTI-PURPOSE / FINE ARTS

ELEMENTARY SCHOOL

MULTI-PURPOSE / FINE ARTS PROGRAM OF SPACES

General Campus for TK-6

SPACE	Qty	Space/SF	TOTAL AREA
Multi-Purpose Room*	1	2,500	2,500
Chair/Table Storage	1	200	200
Platform/Stage	1	1,400	1,400
Stage Storage	1	100	100
Music/Art Classroom	1	1,200	1,200
Instrument Storage	1	100	100
Restrooms	2	180	360
Campus/Emergency Bin Storage	1	300	300
Extended Day Program/PTA Office	1	120	120
Extended Day Program/PTA Storage	1	100	100
Multi-Purpose/Fine Arts Subtotal			**6,380**

*The size of the Multi-Purpose Room is based on a student population of 500 students. Actual size of the space needs to be based on actual school capacity and enrollment. Review each campus individually to determine actual size.

Multi-Purpose Room - 750 Student Campus	3,750 SF
Multi-Purpose Room - 900 Student Campus	4,300 SF

ELEMENTARY SCHOOL
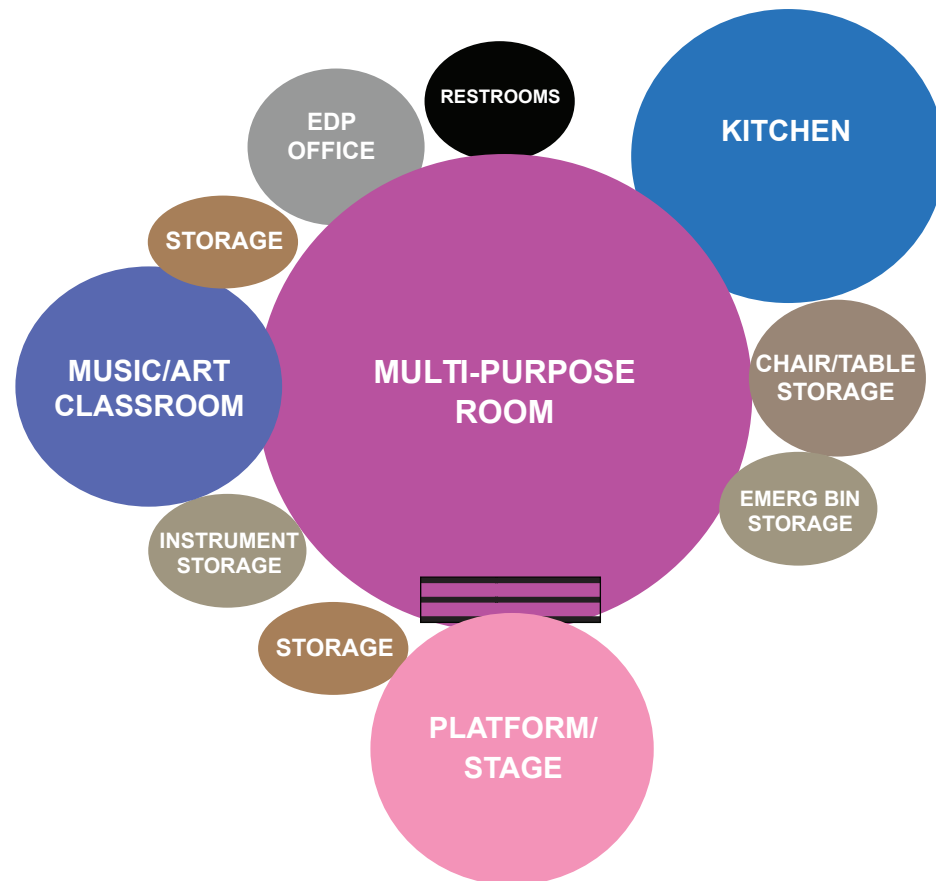
MULTI-PURPOSE / FINE ARTS ADJACENCY

RESTROOMS

EDP OFFICE

KITCHEN

STORAGE

MUSIC/ART CLASSROOM

MULTI-PURPOSE ROOM

CHAIR/TABLE STORAGE

EMERG BIN STORAGE

INSTRUMENT STORAGE

STORAGE

PLATFORM/ STAGE

ELEMENTARY SCHOOL

MULTI-PURPOSE / FINE ARTS
SPACE DESCRIPTIONS & RELATIONSHIPS

MULTI-PURPOSE ROOM

General Concept and Activities
All students can receive music education in JUSD. As such, spaces to support this program are needed in the district's elementary schools. Spaces should include classroom space and performance space.

This space is also used for student dining.

Primary and Secondary Uses
Students
Staff
Parents
Community

Extended Day Program (EDP) (where applicable) is housed within various classrooms on campus after school hours. EDP and Office should be located adjacent to a dedicated play yard and where possible, placed near the main parent drop-off area.

Relationship and Organization
Multi-purpose room shall be located close to Fine Arts spaces with direct adjacency to stage. Public restrooms to be accessed from the MPR and the exterior for Extended Day Program use during off school hours. Design consideration should be given to providing outdoor learning environments directly adjacent to the multipurpose room, or adding an outdoor amphitheater with shading, and built in display areas. The multi-purpose room should be located close to parking for parent after hour use.

Features of the Space
The Multi-purpose room should be designed to provide the setting for all music programs. Provide quality sound, lighting and acoustic systems. The space should also have integrated technology that supports performance and assembly activities, such as video projection, and enhanced sound systems.

The MPR should be able to open into the interior courtyard which can be used as a pre-function area, or to accommodate additional seating. Because of the multiple functions of the MPR, consider durable finishes and the acoustic qualities of the large space.

This space should be sized to accommodate the entire student population for performances.

ENVIRONMENTAL SOUND CONTROL
• Walls: minimum STC 50
• Ceilings: minimum CAC 35, NRC .70
• Quiet HVAC systems
• High quality acoustic properties in all the spaces and adjoining walls

WRITING/DISPLAY SPACES
• Tackboards
• Art displays and graphics

FLOORING
- Carpet Tiles

WINDOWS/DOORS
- Windows: Aluminum frame/storefront, with insulating clear glazing. Low-E glazing where applicable. Roller window shades/ blinds.
- Doors (Exterior): Metal Poly Core with vision-lite; HM or aluminum frame
- Doors (Interior): Solid Wood Core with vision-lite; HM or aluminum frame.

CASEWORK
- Stage lighting
- Video system
- Curtain at Platform opening
- Speakers and microphones
- Assistive listening devices

LIGHTING
- Natural daylighting
- Overhead fixtures
- Energy efficient light switches
- Light sensors

PLUMBING
- Water fountain with bottle filling capabilities

ELECTRICAL/DATA
- Wireless Access Point(s)
- Ceiling mounted speakers
- Intrusion detection system
- Audio visual - MP3 Docking station, DVD & CD players
- Clock system
- Electrical duplex outlets at all data ports
- (4) Flush Floor mounted data outlet (1) port placed throughout; for video recording during productions and day-to-day instruction or assembly activities
- Data outlet (1) port, wall mounted back of the room, two data outlets (2) port on each side wall: 8 total data access points

HVAC
- Energy efficient HVAC unit pack located outside pace to avoid mechanical noise
- Digital display thermostats with override capability and temperature adjustment (with preset limits)

TECHNOLOGY / COMMUNICATIONS
- Wireless Access Point(s).
- Two (2) computer drops for presentations inside/at A/V controls area
- One (1) mounted projection device.
- Large drop-down presentation screen.
- Ceiling mounted speakers/sound system and microphones

FURNITURE FOR THE SPACE
- Flip and nest tables with benches on locking casters to sit up to 8 students.
- Cafe tables and chairs for diversity of seating.
- Outdoor picnic tables and benches with shade

ELEMENTARY SCHOOL

MULTI-PURPOSE / FINE ARTS
SPACE DESCRIPTIONS & RELATIONSHIPS

PLATFORM / STAGE

General Concept and Activities
The stage/platform is used as a performance space as well presentation space.

Primary and Secondary Uses
Staff
Teachers
Students

Relationship and Organization
The stage should be able to open up to an exterior, shaded amphitheater area that could be utilized for school wide assemblies. A back-of-house circulation corridor should be provided to link the Music Classroom, the Multi-Purpose Room and the Stage Platform

Features of the Space

ENVIRONMENTAL SOUND CONTROL
• Walls: minimum STC 50
• Ceilings: minimum CAC 35, NRC .70
• Quiet HVAC systems
• High quality acoustic properties in all the spaces and adjoining walls

WRITING/DISPLAY SPACES
• Small markerboard

FLOORING
• Raised wood floor

WINDOWS/DOORS
• None

CASEWORK
• None

LIGHTING
• Stage lighting
• Lighting appropriate for performances and assembly events

PLUMBING
• None

ELECTRICAL/DATA
• Ceiling mounted speakers/sound system and microphones
• Audio visual player
• Flush Floor mounted data outlet (2) port, microphone and TV points placed at front of platform
• One data outlet (2) port on each wall - 6 total, exclude wall into MPR

HVAC
• Energy efficient HVAC unit pack located outside space to avoid mechanical noise
• Digital display thermostats with override capability and temperature adjustment (with preset limits)

TECHNOLOGY / COMMUNICATIONS
• Wireless Access Point(s)

FURNITURE FOR THE SPACE
• To be determined with District

ELEMENTARY SCHOOL

MULTI-PURPOSE / FINE ARTS
SPACE DESCRIPTIONS & RELATIONSHIPS

CHAIR / TABLE STORAGE

General Concept and Activities
Storage for chair/tables.

Primary and Secondary Uses
Staff

Relationship and Organization
Adjacent to multi-purpose room/stage.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
- Walls: minimum STC 50
- Ceilings: minimum CAC 35, NRC .70

WRITING/DISPLAY SPACES
- None

FLOORING
- Carpet Tiles

WINDOWS/DOORS
- Doors (Interior): Solid Wood Core with vision-lite; HM or aluminum frame.

CASEWORK
- None

LIGHTING
- Overhead fixtures
- Energy efficient light switches
- Light sensors

PLUMBING
- None

ELECTRICAL/DATA
- None

HVAC
- Energy efficient HVAC unit pack
- Digital display thermostats with override capability and temperature adjustment (with preset limits)

TECHNOLOGY / COMMUNICATIONS
- None

FURNITURE FOR THE SPACE
- None

ELEMENTARY SCHOOL

MULTI-PURPOSE / FINE ARTS
SPACE DESCRIPTIONS & RELATIONSHIPS

MUSIC /ART CLASSROOM

General Concept and Activities
This specification includes one dedicated space for music instruction. This allows for the MPR be more flexible for day time assemblies and general use activities. The music/art classroom should support music and art instruction and, should include storage. The music/art classroom can also have multiple use, as it can be used as a campus makerspace.

Primary and Secondary Uses
Students
Teachers

Relationship and Organization
The music/art classroom should be located close to multi-purpose room and PLC room.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
• Walls: minimum STC 50
• Ceilings: minimum CAC 35, NRC .70
• Quiet HVAC systems
• High quality acoustic properties in all the spaces and adjoining walls

WRITING/DISPLAY SPACES
• Magnetic whiteboard - one 12' markerboard flanked by two 4' markerboards (one 4' with staff)
• Tackboards on all other walls

FLOORING
• Carpet Tiles

WINDOWS/DOORS
• Windows: Aluminum frame/storefront, with insulating clear glazing. Low-E glazing where applicable. Provide operable window at each Classroom and Office for natural ventilation. Roller window shades/blinds.
• Doors (Exterior): Metal Poly Core with vision-lite; HM or aluminum frame
• Doors (Interior): Solid Wood Core with vision-lite; HM or aluminum frame.
• Hardware: Thumb-locks to allow Classrooms to be locked from the inside without the use of a key.

CASEWORK
• Two (2) tall storage units
• 2' deep counter and lower cabinets along one wall with sink
• Upper cabinets

LIGHTING
• Overhead fixtures
• Natural daylighting
• Energy efficient light switches
• Light sensors

PLUMBING
• Cold water to sinks

ELECTRICAL/DATA
- Ceiling mounted speakers
- Audio visual device
- Clock system
- Telephone/intercom (except MPR)
- Electrical duplex outlets at all data ports
- Computer drop for teacher
- (1) Flush Floor mounted data outlet (1) port with AV at secondary teacher location
- Two (2) duplex receptacles along each wall
- Three (3) computer drops for teachers.

HVAC
- Energy efficient HVAC unit pack located outside office to avoid mechanical noise
- Digital display thermostats with override capability and temperature adjustment (with preset limits)

TECHNOLOGY / COMMUNICATIONS
- Wireless Access Point(s)
- One (1) mounted projection device

FURNITURE FOR THE SPACE
- Student chairs for 34
- Music Stands for 17
- Adjustable teachers podium and stool.

ELEMENTARY SCHOOL

MULTI-PURPOSE / FINE ARTS
SPACE DESCRIPTIONS & RELATIONSHIPS

INSTRUMENT STORAGE

General Concept and Activities
Storage for music instruments.

Primary and Secondary Uses
Students
Teachers

Relationship and Organization
The space should be located adjacent to the Music Classroom.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
- Walls: minimum STC 50
- Ceilings: minimum CAC 35, NRC .70

WRITING/DISPLAY SPACES
- None

FLOORING
- Carpet Tiles

WINDOWS/DOORS
- Doors (Interior): Solid Wood Core with vision-lite; HM or aluminum frame.

CASEWORK
- Wall mounted braces for large instruments
- Instrument storage cabinets

LIGHTING
- Overhead fixtures
- Energy efficient light switches
- Light sensors

PLUMBING
- None

ELECTRICAL/DATA
- Electrical outlets on walls

HVAC
- Energy efficient HVAC unit pack

TECHNOLOGY / COMMUNICATIONS
- None

FURNITURE FOR THE SPACE
- None

ELEMENTARY SCHOOL

MULTI-PURPOSE / FINE ARTS
SPACE DESCRIPTIONS & RELATIONSHIPS

STAGE STORAGE

General Concept and Activities
Storage for materials, scenes/set used for stage/platform performances and presentations.

Primary and Secondary Uses
Staff

Relationship and Organization
Adjacent to stage.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
- Walls: minimum STC 50
- Ceilings: minimum CAC 35, NRC .70

WRITING/DISPLAY SPACES
- None

FLOORING
- Carpet Tiles

WINDOWS/DOORS
- Doors (Interior): Solid Wood Core with vision-lite; HM or aluminum frame.

CASEWORK
- None

LIGHTING
- Overhead fixtures
- Energy efficient light switches
- Light sensors

PLUMBING
- None

ELECTRICAL/DATA
- None

HVAC
- Energy efficient HVAC unit pack

TECHNOLOGY / COMMUNICATIONS
- None

FURNITURE FOR THE SPACE
- None

ELEMENTARY SCHOOL

MULTI-PURPOSE / FINE ARTS
SPACE DESCRIPTIONS & RELATIONSHIPS

EDP/PTA OFFICE

General Concept and Activities
This office is used by the Extended Day Program director and PTA.

Primary and Secondary Users
EDP Director
Parents
Students

Relationship and Organization
This office should be located adjacent to the multipurpose room/EDP.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
• Walls: minimum STC 50
• Ceilings: minimum CAC 35, NRC .70

WRITING / DISPLAY SPACES
• Tackboard

FLOORING
• Carpet Tiles

WINDOWS / DOORS
• Interior window from office to treatment area.
• Doors (Interior): Solid Wood Core with vision-lite; HM or aluminum frame.

CASEWORK
• None

LIGHTING
• Natural daylighting
• Overhead fixtures - indirect, if possible
• Energy efficient light switches
• Light sensors

PLUMBING
• None

ELECTRICAL/DATA
• One duplex receptacle on each wall in addition to power/data for printer.
• Provide two (2) duplex/data locations on perpendicular walls for multiple desk layout options.

HVAC
• Energy efficient HVAC unit pack

TECHNOLOGY / COMMUNICATIONS
• Wireless Access Point(s)

FURNITURE FOR THE SPACE
• Desk and chair
• Guest seating (1-2)

ELEMENTARY SCHOOL

MULTI-PURPOSE / FINE ARTS SPACE DESCRIPTIONS & RELATIONSHIPS

EDP STORAGE

General Concept and Activities
Storage for Extended Day Program.

Primary and Secondary Uses
Staff

Relationship and Organization
Adjacent to stage.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
- Walls: minimum STC 50
- Ceilings: minimum CAC 35, NRC .70

WRITING/DISPLAY SPACES
- None

FLOORING
- Carpet Tiles

WINDOWS/DOORS
- Doors (Interior): Solid Wood Core with vision-lite; HM or aluminum frame.

CASEWORK
- Adjustable metal shelving.

LIGHTING
- Overhead fixtures
- Energy efficient light switches
- Light sensors

PLUMBING
- None

ELECTRICAL/DATA
- None

HVAC
- Energy efficient HVAC unit pack

TECHNOLOGY / COMMUNICATIONS
- None

FURNITURE FOR THE SPACE
- None

ELEMENTARY SCHOOL

MULTI-PURPOSE / FINE ARTS
SPACE DESCRIPTIONS & RELATIONSHIPS

CAMPUS STORAGE

General Concept and Activities
Storage room shall be used to store supplies for the classrooms.

Primary and Secondary Uses
Staff

Relationship and Organization
To be located with easy access to classrooms.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
• None

WRITING/DISPLAY SPACES
• None

FLOORING
• Sealed concrete

WINDOWS/DOORS
• Doors (Interior): Solid Wood Core with vision-lite; HM or aluminum frame.

CASEWORK
• Adjustable metal shelving

LIGHTING
• Overhead fixtures
• Energy efficient light switches
• Light sensors

PLUMBING
• None

ELECTRICAL/DATA
• Electrical outlets on each wall

HVAC
• Energy efficient HVAC unit pack

TECHNOLOGY / COMMUNICATIONS
• None

FURNITURE FOR THE SPACE
• None

ELEMENTARY SCHOOL

MEDIA CENTER / LIBRARY

ELEMENTARY SCHOOL

MEDIA CENTER / LIBRARY
PROGRAM OF SPACES

General Campus for TK-6

SPACE	Qty	Space/SF	TOTAL AREA
Circulation Desk	1	160	160
Library Workroom	1	200	200
Media/Textbook Storage	1	150	150
Reading Area	1	900	900
Stacks	1	500	500
Makerspace	1	650	650
Story Telling	1	400	400
Study Rooms	1	100	100
Restroom	1	200	200
Media Center/Library Subtotal			**3,260**

ELEMENTARY SCHOOL
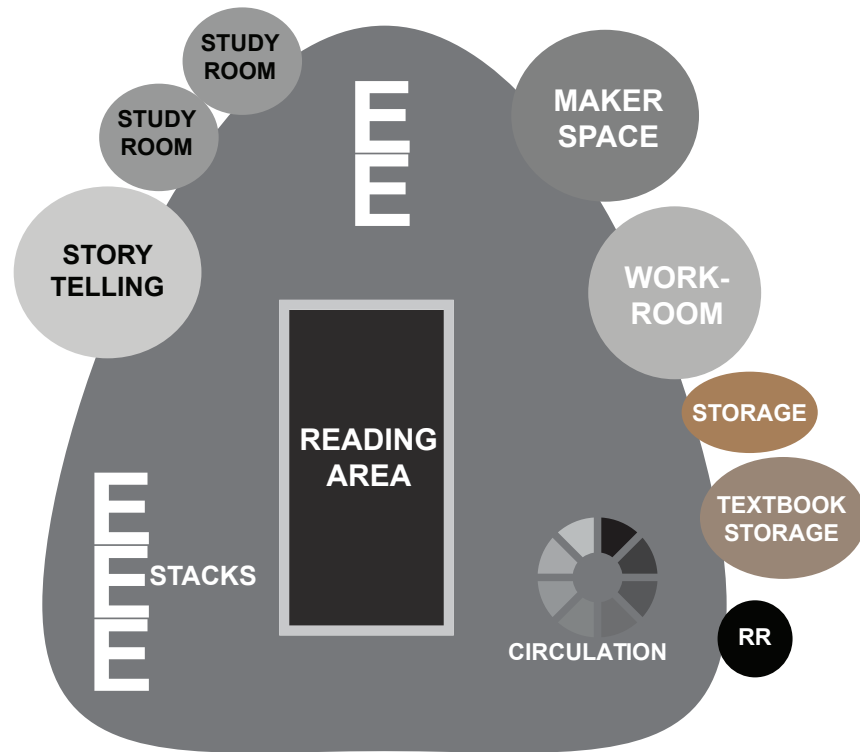
MEDIA CENTER / LIBRARY ADJACENCY

ELEMENTARY SCHOOL

MEDIA CENTER / LIBRARY
SPACE DESCRIPTIONS & RELATIONSHIPS

LIBRARY (Reading Area, Stacks, Story Telling)

General Concept and Activities

The Library/ Media Center is considered the "Campus Hub" of the school. It is centrally located to promote staff, student and community interaction. It should be an area to gather and collaborate, display student work and promote current events at the school. The design of the Library/ Media Center should encourage active learning experiences through the introduction of varied settings and flexible furniture. Given its importance as the campus hub, wayfinding should be clear to this space for all users, including staff, students and community members.

The library/media center shall be a digitally rich environment, where students gain access to information through varied media. Access to portable devices is essential in this space, but should not be the only means of information gathering. With this in mind, JUSD believes there are still tangible qualities of books that cannot be replaced with digital devices.

The Library/ Media Center should be a highly flexible space for collaboration, multimodal learning and should provide ubiquitous access to mobile technologies. It should be a welcoming, comfortable environment that supports multiple concurrent activities, departing from the traditional quiet library model. The space should support active small group activities, quiet reading, research, make activities, and independent work.

Primary and Secondary Uses
Students
Teachers
Community

Relationship and Organization
Layout Library/ Media center to provide adequate transparency between spaces for ease of supervision Provide views to exterior, but provide ability to darken as needed. Incorporate wayfinding features such as different colors and graphics to identify makerspace.

Features of the Space

Recommended Exemplary Quantitative Standards*

Book Type	Square Feet
Pleasure Reading	32-45 per seat
Computing	36-45 per workstation

Recommended Approximate Shelving Dimensions*

Shelving	Approximate Height
3 Shelves	42" - 48" (36", if available)

Shelving Depths	Holds
10"	Standard size books
12"	Reference, picture books
15"	Multi-media

*Reference: "Standards and Guidelines for Strong School Libraries" by the California School Library Association.

ENVIRONMENTAL SOUND CONTROL
- Walls: minimum STC 50
- Ceilings: minimum CAC 35, NRC .70
- Quiet HVAC systems
- Provide high quality acoustic properties in all the spaces and adjoining walls

WRITING/DISPLAY SPACES
- Tackboard
- Display cases and cubes

FLOORING
- Carpet Tiles

WINDOWS/DOORS
- Windows: Hollow Metal (HM) or aluminum frame/ storefront, with insulating clear glazing. Low-E glazing where applicable. Roller window shades/ blinds. Operable window between Workroom and Library for supervision
- Doors (Exterior): Metal Poly Core with full vision-lite and HM or aluminum frame.
- Doors (Interior): Solid Wood Core with full vision-lite and HM or aluminum frame

CASEWORK
- None

LIGHTING
- Natural daylighting through glazing with easily adjustable baffles for control of light, along with daylight sensors to better manage electricity usage.
- Energy efficient light switches

PLUMBING
- None

ELECTRICAL/DATA
- Wall mounted data outlets (2) port, 2 per wall
- Wall mounted clocks
- Ceiling mounted speakers
- Mobile devices charging station on casters
- Circulation Desk: Data outlet (2) ports for (1) computer station, (1) port for printer

HVAC
- Energy efficient HVAC unit pack located outside office to avoid mechanical noise
- Digital display thermostats with override capability and temperature adjustment (with preset limits)

TECHNOLOGY / COMMUNICATIONS
- Wireless Access Point(s)
- Projection Device

FURNITURE FOR THE SPACE
- Provide furnishings with adjustable heights to accommodate various students
- 4-6 person tables and chairs (moveable) for study and small group work
- Soft seating (flexible and mobile) for reading.
- Book cart
- (1) Task chair at circulation desk
- Movable circulation desk
- Permanent and movable shelving

ELEMENTARY SCHOOL

MEDIA CENTER / LIBRARY
SPACE DESCRIPTIONS & RELATIONSHIPS

MAKERSPACE

General Concept and Activities

The makerspace will allow for students the ability to create, tinker and ideate. This space will be a messy, ideation space for all students in the school to use for bringing their ideas to life.

Primary and Secondary Uses

Students
Staff
Community

Relationship and Organization

Locate adjacent to the Library/Media Center.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
- Walls: minimum STC 50
- Ceilings: minimum CAC 35, NRC .70
- Quiet HVAC systems
- Provide high quality acoustic properties in all the spaces and adjoining walls

WRITING/DISPLAY SPACES
- Two (2) fixed whiteboards or whiteboard paint

FLOORING
- Sealed concrete

WINDOWS/DOORS
- Windows: Hollow Metal (HM) or aluminum frame/ storefront, with insulating clear glazing. Low-E glazing where applicable. Roller window shades/ blinds.
- Doors (Exterior): Metal Poly Core with full vision-lite and HM or aluminum frame.
- Doors (Interior): Solid Wood Core with full vision-lite and HM or aluminum frame

CASEWORK
- Cabinet with deep sink

LIGHTING
- Natural daylighting through glazing with easily adjustable baffles for control of light, along with daylight sensors to better manage electricity usage.
- Lighting appropriate for reading in Library
- Energy efficient light switches

PLUMBING
- Water to sink

ELECTRICAL/DATA
- Ceiling mounted speakers
- Intrusion detection system
- Audio visual player
- Clock system
- Telephone
- Electrical quad outlets at all data ports
- (6) Coiling electrical power reels
- Lockable mobile devices charging station on casters

HVAC
- Energy efficient HVAC unit pack located outside office to avoid mechanical noise
- Digital display thermostats with override capability and temperature adjustment (with preset limits)

TECHNOLOGY / COMMUNICATIONS
- Wireless Access Point(s)
- Projection device

FURNITURE FOR THE SPACE
- Mobile tables and chairs (could be on casters)
- Stations for technology support
- Mobile shelving units
- 3-D printer(s) - qty to vary
- Storage units with tote trays of different sizes

ELEMENTARY SCHOOL

MEDIA CENTER / LIBRARY
SPACE DESCRIPTIONS & RELATIONSHIPS

WORKROOM

General Concept and Activities
The workroom may be used by the teaching staff to support the operation of the library. Staff will use the space to clean and prep books for circulation, sorting returned materials, and storing materials and equipment.

Primary and Secondary Uses
Staff
Students

Relationship and Organization
This space should be located adjacent to the main library space with access to exterior corridor/hallway.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
- Walls: minimum STC 50
- Ceilings: minimum CAC 35, NRC .70

WRITING / DISPLAY SPACES
- Tackable wall surface

FLOORING
- Resilient flooring

WINDOWS / DOORS
- Hollow Metal (HM) or aluminum frame/ storefront, with insulating clear glazing. Low-E glazing where applicable. Roller window shades/ blinds.
- Doors (Interior): Solid Wood Core with vision-lite; HM or aluminum frame.

CASEWORK
- Tall cabinet and wardrobe for storage
- Loose shelving (not fixed) for flexibility of space
- Built-in counter height cabinet

LIGHTING
- Overhead fixtures - indirect, if possible
- Energy efficient light switches
- Light sensors

PLUMBING
- None

ELECTRICAL/DATA
- Two (2) duplex/data receptacles on each wall above cabinets.
- Dedicated power for copier

HVAC
- Energy efficient HVAC unit pack

TECHNOLOGY / COMMUNICATIONS
- Wireless Access Point(s)
- Technology charging station

FURNITURE FOR THE SPACE
- Workstation with storage
- Task chair
- Book cart

ELEMENTARY SCHOOL

MEDIA CENTER / LIBRARY
SPACE DESCRIPTIONS & RELATIONSHIPS

MEDIA/TEXTBOOK STORAGE

General Concept and Activities
Storage for library materials as well as separate space for textbook surplus storage. This space should be adaptable as the use of textbooks diminishes, primarily to storage and charge technology devices.

Primary and Secondary Uses
Staff

Relationship and Organization
Adjacent to main library area, near circulation desk.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
• Walls: minimum STC 50
• Ceilings: minimum CAC 35, NRC .70

WRITING/DISPLAY SPACES
• Small tackboard

FLOORING
• Resilient flooring

WINDOWS/DOORS
• Doors (Interior): Solid Wood Core with vision-lite; HM or aluminum frame.

CASEWORK
• None

LIGHTING
• Overhead fixtures
• Energy efficient light switches
• Light sensors

PLUMBING
• None

ELECTRICAL/DATA
• 3-4 duplex receptacles on each wall for technology charging.

HVAC
• Energy efficient HVAC unit pack

TECHNOLOGY / COMMUNICATIONS
• None

FURNITURE FOR THE SPACE
• Shelves for book storage

ELEMENTARY SCHOOL

MEDIA CENTER / LIBRARY
SPACE DESCRIPTIONS & RELATIONSHIPS

STUDY ROOMS

General Concept and Activities
The Study Rooms would provide space that could be used by students, library staff and other teaching staff for small meetings and tutoring. The room will need to be flexible with seating and set up.

Primary and Secondary Uses
Staff
Parents
Students

Relationship and Organization
This space should be located with direct access to the main library space.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
• Walls: minimum STC 50
• Ceilings: minimum CAC 35, NRC .70

WRITING / DISPLAY SPACES
• Tackboards

FLOORING
• Carpet Tiles

WINDOWS / DOORS
• Hollow Metal (HM) or aluminum frame/ storefront, with insulating clear glazing. Low-E glazing where applicable. Roller window shades/ blinds.
• Doors (Interior): Solid Wood Core with vision-lite; HM or aluminum frame.

CASEWORK
• None

LIGHTING
• Natural daylighting
• Overhead fixtures - indirect, if possible
• Energy efficient light switches
• Light sensors
• Consider lights over table

PLUMBING
• None

ELECTRICAL/DATA
• Duplex/data receptacles on each wall in addition to power for computer/printer
• Duplex receptacle under conference table (flush with floor)

HVAC
• Energy efficient HVAC unit pack

TECHNOLOGY / COMMUNICATIONS
• Wireless Access Point(s)

FURNITURE FOR THE SPACE
• Round Table
• 1-4 Chairs

ELEMENTARY SCHOOL

SPECIAL EDUCATION

ELEMENTARY SCHOOL

SPECIAL EDUCATION PROGRAM OF SPACES

General Campus for TK-6 750 Students

SPACE	Qty	Space/SF	TOTAL AREA
Moderate/Severe Classroom*	1	2,160	2,160
Mild Moderate/SDC/RSP Classroom*	2	960	1,920
Early Childhood Program for Children with Disabilities*	1	1,120	1,120
Restroom	1	200	200
OT/PT Therapy	1	200	200
Speech & Language Pathologist	1	200	200
School Psychologist	1	150	150
Conference Room	1	200	200
Special Education Subtotal			**6,150**

*Confirm actual number of classrooms by campus. In some cases, Special Education is mainstreamed within standards classrooms. Not all campuses house a Moderate/Severe/ Functional Skills Program. If a Special Day Class (SDC) is hosted at a site, the standard classroom specifications shall be utilized.

ELEMENTARY SCHOOL
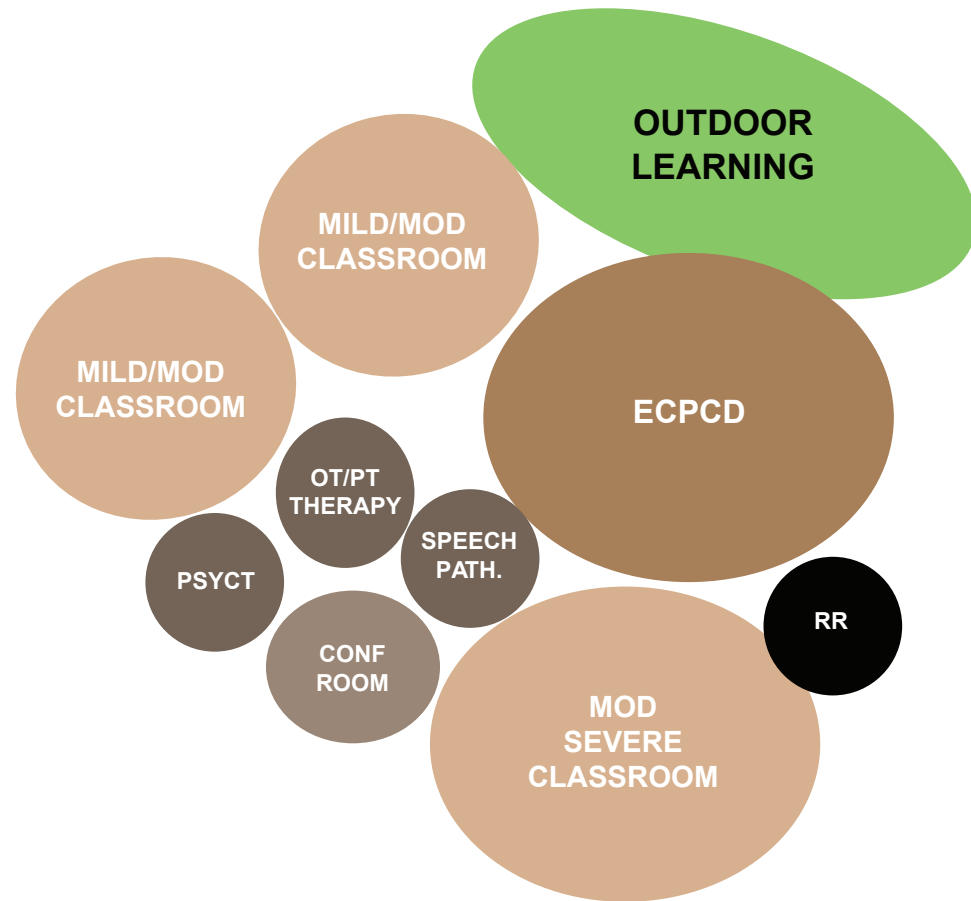
SPECIAL EDUCATION ADJACENCY

OUTDOOR LEARNING

MILD/MOD CLASSROOM

MILD/MOD CLASSROOM

ECPCD

OT/PT THERAPY

SPEECH PATH.

PSYCT

CONF ROOM

RR

MOD SEVERE CLASSROOM

ELEMENTARY SCHOOL

SPECIAL EDUCATION SPACE DESCRIPTIONS & RELATIONSHIPS

SPECIAL EDUCATION CLASSROOMS/EARLY CHILDHOOD PROGRAM FOR CHILDREN WITH DISABILITIES

General Concept and Activities

The goal of the special education department is to provide a comfortable and safe environment for students to seek extra help, or that may need extra help. JUSD's goal is to integrate special needs students with their general education peers, providing assessment and instruction in the least restrictive environments and co-located with their peers.

The classrooms need to include the same inclusions of general education classrooms. A restroom needs to be available for use by the Mod Severe classroom, and it needs to accommodate a lift and changing table. The need for inclusion of the ECPCD and Mod Severe classrooms to be confirmed by JUSD.

All classrooms to include an area for 'cool down' and quiet space. Color and acoustics in these areas shall be reviewed with the District.

Classrooms should be designed to allow for privacy areas for testing or focused instruction by teaching aides, while still maintaining visibility from main teacher. Furniture may help provide options for this. Review layouts with JUSD.

Primary and Secondary Uses

Students
Teachers
Parents

Relationship and Organization

The Special Education program should be centrally located on the campus to allow for easy access by all grade levels. Easy access to a drop off area is also needed for Special Education.

Adjacency to outdoor (fenced in) area for gardening is also desired.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
- Walls: minimum STC 50
- Ceilings: minimum CAC 35, NRC .70
- Quiet HVAC systems
- Provide quality acoustic properties conducive for instructional purposes in all spaces and adjoining walls.

WRITING/DISPLAY SPACES
- Magnetic whiteboard - one 12' markerboard flanked by two 4' markerboards
- Tackboards on all other walls

FLOORING
- Carpet Tiles
- Walk off mat at entry

WINDOWS/DOORS
- Windows: Provide reflective window tint.
- Hollow Metal (HM) or aluminum frame/ storefront, with insulating clear glazing. Low-E glazing where applicable. Roller window shades/ blinds. Shades to allow 3% opening. Windows shall not extend to floor.
- Doors (Interior): Solid Wood Core with vision-lite; HM or aluminum frame..
- Hardware: Thumb-locks to allow Classrooms to be locked from the inside without the use of a key.
- Access control to be provided as well.

CASEWORK
- Base cabinet with sink
- One wall to have one teachers wardrobe, and tall storage units (lockable)
- One tall storage unit to allow for locked storage of laptop cart.
- Provide lunch box cubbie storage
- Provide backpack storage - District may consider mobile carts

LIGHTING
- Natural daylighting through glazing with easily adjustable baffles for control
- Overhead fixtures
- Energy efficient light switches
- Light sensors

PLUMBING
- Cold water to sink at age appropriate height
- Drinking fountains with bottle filling capability near sink

ELECTRICAL/DATA
- Two (2) duplex receptacles above counter
- Two (2) duplex receptacles along each wall
- Three (3) computer drops for teachers. Two (2) teachers in each classroom

HVAC
- Energy efficient HVAC unit pack located outside classroom to avoid mechanical noise

TECHNOLOGY / COMMUNICATIONS
- Wireless Access Point(s)
- One (1) mounted projection device

FURNITURE FOR THE SPACE (varies by grade level)
- Student desks and chairs for 34 (moveable and can be arranged into multiple configurations), with two (2) standing height desks and 12" high desks for floor activities
- Soft seating for reading
- Stools for standing height tables
- Adjustable teachers podium and stool.
- Six (6) wobbly stools
- Story time rug

ELEMENTARY SCHOOL

SPECIAL EDUCATION SPACE DESCRIPTIONS & RELATIONSHIPS

OCCUPATIONAL & PHYSICAL THERAPY (OT/PT)

General Concept and Activities
The OT/PT room will serve students that need specialized therapy in addition to their everyday learning activities.

Primary and Secondary Uses
Students
Teachers
Therapists

Relationship and Organization
The Special Education program should be centrally located on the campus to allow for easy access by all grade levels. The spaces should be close to other support and instructional spaces such as the library, and multi-purpose room. The Therapy room should be adjacent to the offices as well.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
- Walls: minimum STC 50
- Ceilings: minimum CAC 35, NRC .70
- Quiet HVAC systems
- Provide quality acoustic properties conducive for instructional purposes in all spaces & adjoining walls.

WRITING/DISPLAY SPACES
- One (1) fixed whiteboard

FLOORING
- Carpet Tiles

WINDOWS/DOORS
- Windows: Hollow Metal (HM) or aluminum frame/ storefront, with insulating clear glazing. Low-E glazing where applicable. Roller window shades/ blinds

- Doors (Interior): Solid Wood Core with vision-lite and HM or aluminum frame

CASEWORK
- One (1) 7' tall lockable storage cabinet

LIGHTING
- Provide window shades on all exterior windows; roller or blinds for light control
- Overhead light fixtures
- Energy efficient light switches
- Provide dimmable lighting

PLUMBING
- None

ELECTRICAL/DATA
- (2) data and power on two wall locations
- Wall mounted clock system
- Audio Visual player
- Telephone
- Ceiling mounted speaker
- Additional electrical/ data ports as required for equipment

HVAC
- Energy efficient HVAC unit pack located outside office to avoid mechanical noise
- Digital display thermostats with override capability and temperature adjustment (with preset limits)

TECHNOLOGY / COMMUNICATIONS
- Wireless Access Point(s)

FURNITURE FOR THE SPACE
- Floor mats
- Self-supporting swing; movable

ELEMENTARY SCHOOL

SPECIAL EDUCATION
SPACE DESCRIPTIONS & RELATIONSHIPS

SPEECH PATHOLOGIST

General Concept and Activities
This space will be used as office space for the school speech and language pathologist. The office should have flexibility to be used by other itinerant staff as necessary. Space should allow for staff to meet with a student for one-on-one discussions as well as meetings with parents.

Primary and Secondary Users
Teachers
Students

Relationship and Organization
This space should be close to the Mild Mod and Mod Severe classrooms.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
- Walls: minimum STC 50
- Ceilings: minimum CAC 35, NRC .70
- Provide for good acoustics in this space

WRITING / DISPLAY SPACES
- Tackboard
- One (1) fixed whiteboard

FLOORING
- Carpet Tiles

WINDOWS / DOORS
- Hollow Metal (HM) or aluminum frame/ storefront, with insulating clear glazing. Low-E glazing where applicable. Roller window shades/ blinds.
- Doors (Interior): Solid Wood Core with vision-lite; HM or aluminum frame.

CASEWORK
- None

LIGHTING
- Natural daylighting
- Overhead fixtures - indirect, if possible
- Energy efficient light switches
- Light sensors

PLUMBING
- None

ELECTRICAL/DATA
- One duplex receptacle on each wall in addition to power/data for printer.
- Provide two (2) duplex/data locations on perpendicular walls for multiple desk layout options.

HVAC
- Energy efficient HVAC unit pack

TECHNOLOGY / COMMUNICATIONS
- Wireless Access Point(s)

FURNITURE FOR THE SPACE
- Workstation with storage
- Task Chair (1)
- Small Conference Table
- Guest Chairs (2-4)

ELEMENTARY SCHOOL

SPECIAL EDUCATION
SPACE DESCRIPTIONS & RELATIONSHIPS

SCHOOL PSYCHOLOGIST

General Concept and Activities
This space will be used as office space for the school psychologist. The office should have flexibility to be used by other itinerant staff as necessary. Space should allow for staff to meet with a student for one-on-one discussions as well as meetings with parents.

Primary and Secondary Users
Teachers
Students

Relationship and Organization
This space should be close to the Mild Mod and Mod Severe classrooms.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
- Walls: minimum STC 50
- Ceilings: minimum CAC 35, NRC .70

WRITING / DISPLAY SPACES
- Tackboard
- One (1) fixed whiteboard

FLOORING
- Carpet Tiles

WINDOWS / DOORS
- Hollow Metal (HM) or aluminum frame/ storefront, with insulating clear glazing. Low-E glazing where applicable. Roller window shades/ blinds.
- Doors (Interior): Solid Wood Core with vision-lite; HM or aluminum frame.

CASEWORK
- None

LIGHTING
- Natural daylighting
- Overhead fixtures - indirect, if possible
- Energy efficient light switches
- Light sensors

PLUMBING
- None

ELECTRICAL/DATA
- One duplex receptacle on each wall in addition to power/data for printer.
- Provide two (2) duplex/data locations on perpendicular walls for multiple desk layout options.

HVAC
- Energy efficient HVAC unit pack

TECHNOLOGY / COMMUNICATIONS
- Wireless Access Point(s)

FURNITURE FOR THE SPACE
- Workstation with storage
- Task Chair (1)
- Small Conference Table
- Guest Chairs (2-4)

ELEMENTARY SCHOOL

SPECIAL EDUCATION SPACE DESCRIPTIONS & RELATIONSHIPS

RESTROOM

General Concept and Activities
Student Restrooms

Primary and Secondary Uses
Students
Teachers

Relationship and Organization
To be located with easy access to special education classrooms. Consider sight-lines and privacy for location.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
- Walls: minimum STC 50
- Ceilings: minimum CAC 35, NRC .70

WRITING/DISPLAY SPACES
- None

FLOORING
- Porcelain tile

WINDOWS/DOORS
- Doors (Interior): Solid Wood Core with vision-lite; HM or aluminum frame.
- No windows for privacy

CASEWORK
- Restroom accessories including mirror
- Changing Table
- Hand sanitizer dispenser

LIGHTING
- Overhead fixtures
- Energy efficient light switches
- Light sensors

PLUMBING
- Cold water to sink
- Plumbing to toilet

ELECTRICAL/DATA
- GFCI outlets on one wall

HVAC
- Energy efficient HVAC unit pack
- Exhaust

TECHNOLOGY / COMMUNICATIONS
- None

FURNITURE FOR THE SPACE
- None

ELEMENTARY SCHOOL

NUTRITIONAL SERVICES

ELEMENTARY SCHOOL

NUTRITIONAL SERVICES PROGRAM OF SPACES

General Campus for TK-6

SPACE	Qty	Space/SF	TOTAL AREA
Kitchen/Food Prep	1	400	400
Freezer/Cooler	2	150	300
Dry Storage	1	180	180
Serving Area	1	600	600
Office	1	100	100
Lockers/Dressing	1	100	100
Restroom	1	80	80
Custodial Storage/Office	1	200	200
Receiving Area	1	80	80
Covered Outdoor Dining			
Nutritional Services Subtotal			**2,040**

ELEMENTARY SCHOOL

NUTRITIONAL SERVICES
ADJACENCY

OUTDOOR
DINING

MULTI-PURPOSE
ROOM

SERVING
AREA

CUST.
STORAGE

KITCHEN/
FOOD PREP

DRY
STOR

OFFICE

FREEZER

COOLER

RR's

LOCKERS

RECEIVING

ELEMENTARY SCHOOL

NUTRITIONAL SERVICES
SPACE DESCRIPTIONS & RELATIONSHIPS

SERVING AREA

General Concept and Activities

JUSD Nutritional services goal is to provide fresh nutritious meals made daily for all students. In order to do this the school's food service facility should have modern equipment, adequate space and the most efficient layout to optimize staff work flow and student access and serving. The number of serving lines may vary by enrollment.

Primary and Secondary Uses

Kitchen Staff

Relationship and Organization

Located adjacent to the food-prep area within the main kitchen area.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
- Walls: minimum STC 50
- Ceilings: minimum CAC 35, NRC .70

WRITING/DISPLAY SPACES
- Markerboard or Digital Menu Boards

FLOORING
- Quarry Tile

WINDOWS/DOORS
- Doors (Interior): Solid Wood Core with full vision-lite and HM or aluminum frame

CASEWORK
- To be specified by Food Service Consultant in conjunction with JUSD.

LIGHTING
- Overhead fixtures
- Energy efficient light switches

PLUMBING
- None

ELECTRICAL/DATA
- Flush floor data (2) ports for POS at end of each serving line(s) - total 4 floor box locations
- One data outlet per menu board.
- Ceiling mounted speakers
- Intrusion detection system
- Wall mounted clock system
- Additional electrical outlets as needed for equipment.

HVAC
- Energy efficient HVAC unit pack
- Digital display thermostats with override capability and temperature adjustment (with preset limits)

TECHNOLOGY / COMMUNICATIONS
- Wireless Access Point(s)

FURNITURE FOR THE SPACE
- To be specified by Food Service Consultant in conjunction with JUSD.

ELEMENTARY SCHOOL

NUTRITIONAL SERVICES
SPACE DESCRIPTIONS &
RELATIONSHIPS

KITCHEN/FOOD PREP

General Concept and Activities

JUSD Nutritional services goal is to provide fresh nutritious meals made daily for all students. In order to do this the school's food service facility should have modern equipment, adequate space and the most efficient layout to optimize staff work flow and student access and serving. Kitchen's are used for warming purposes.

Primary and Secondary Uses

Kitchen Staff
Custodial Staff

Relationship and Organization

Located adjacent to the serving line within the main kitchen area.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
- Walls: minimum STC 50
- Ceilings: minimum CAC 35, NRC .70

WRITING/DISPLAY SPACES
- Small markerboard

FLOORING
- Quarry Tile

WINDOWS/DOORS
- Doors (Exterior): Metal Poly Core with full vision-lite and HM or aluminum frame.
- Doors (Interior): Solid Wood Core with full vision-lite and HM or aluminum frame

CASEWORK
- To be specified by Food Service Consultant in conjunction with JUSD.

LIGHTING
- Overhead fixtures
- Energy efficient light switches

PLUMBING
- To be specified by Food Service Consultant in conjunction with JUSD.

ELECTRICAL/DATA
- Ceiling mounted speakers
- Wall mounted clock system
- Additional electrical outlets as needed for equipment.

HVAC
- Energy efficient HVAC unit pack
- Exhaust
- Appropriate ventilation for equipment

TECHNOLOGY / COMMUNICATION
- Wireless Access Point(s)

FURNITURE FOR THE SPACE
- To be specified by Food Service Consultant in conjunction with JUSD.

ELEMENTARY SCHOOL

NUTRITIONAL SERVICES SPACE DESCRIPTIONS & RELATIONSHIPS

DRY STORAGE

General Concept and Activities
Storage space for dry goods for use in the preparation of food in the kitchen/food prep area.

Primary and Secondary Uses
Kitchen Staff
Custodial Staff

Relationship and Organization
Located in main kitchen area with easy access to corridor.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
- Walls: minimum STC 50
- Ceilings: minimum CAC 35, NRC .70

WRITING/DISPLAY SPACES
- None

FLOORING
- Quarry Tile

WINDOWS/DOORS
- Doors (Exterior): Metal Poly Core with full vision-lite and HM or aluminum frame.
- Doors (Interior): Solid Wood Core with full vision-lite and HM or aluminum frame

CASEWORK
- Industrial type Adjustable metal shelving, full height, adjustable and open

LIGHTING
- Overhead fixtures
- Energy efficient light switches

PLUMBING
- None

ELECTRICAL/DATA
- None

HVAC
- Energy efficient HVAC unit pack
- Digital display thermostats with override capability and temperature adjustment (with preset limits)

TECHNOLOGY / COMMUNICATIONS
- Wireless Access Point(s)
- Computer drop for supervisor at desk

FURNITURE FOR THE SPACE
- Line walls with shelving

ELEMENTARY SCHOOL

NUTRITIONAL SERVICES SPACE DESCRIPTIONS & RELATIONSHIPS

FREEZER/COOLER

General Concept and Activities
Walk-in Freezer/Cooler equipment to maintain cold temperatures for food.

Primary and Secondary Uses
Kitchen Staff
Custodial Staff

Relationship and Organization
Located within the main kitchen spaces - adjacent to food prep area.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
- Walls: minimum STC 50
- Ceilings: minimum CAC 35, NRC .70

WRITING/DISPLAY SPACES
- None

FLOORING
- To be specified by Food Service Consultant in conjunction with JUSD.

WINDOWS/DOORS
- To be specified by Food Service Consultant in conjunction with JUSD.

CASEWORK
- To be specified by Food Service Consultant in conjunction with JUSD.

LIGHTING
- Overhead fixtures
- Energy efficient light switches

PLUMBING
- To be specified by Food Service Consultant in conjunction with JUSD.

ELECTRICAL/DATA
- To be specified by Food Service Consultant in conjunction with JUSD.

HVAC
- None

TECHNOLOGY / COMMUNICATIONS
- None

FURNITURE FOR THE SPACE
- To be specified by Food Service Consultant in conjunction with JUSD.

ELEMENTARY SCHOOL

NUTRITIONAL SERVICES SPACE DESCRIPTIONS & RELATIONSHIPS

LOCKERS/DRESSING

General Concept and Activities
Locker room and dressing space for kitchen/custodial staff to store personal belongings as well as change clothes before/after shift.

Primary and Secondary Uses
Kitchen Staff
Custodial Staff

Relationship and Organization
Located within kitchen area within close proximity to restrooms.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
- Walls: minimum STC 50
- Ceilings: minimum CAC 35, NRC .70

WRITING/DISPLAY SPACES
- None

FLOORING
- Sealed concrete

WINDOWS/DOORS
- Doors (Exterior): Metal Poly Core with full vision-lite and HM or aluminum frame.
- Doors (Interior): Solid Wood Core with full vision-lite and HM or aluminum frame

CASEWORK
- Hand sanitizer dispenser

LIGHTING
- Overhead fixtures
- Energy efficient light switches

PLUMBING
- None

ELECTRICAL/DATA
- Electrical duplex outlets at all data ports
- Wall mounted clock
- Speakers
- Wall mounted data outlets (2) port, approximately 2 per wall

HVAC
- Energy efficient HVAC unit pack

TECHNOLOGY / COMMUNICATIONS
- None

FURNITURE FOR THE SPACE
- Six (6) full height lockers

ELEMENTARY SCHOOL

NUTRITIONAL SERVICES SPACE DESCRIPTIONS & RELATIONSHIPS

OFFICE

General Concept and Activities

Office space for supervisor/manager of kitchen department. This space is for administrative duties as well as meetings with kitchen staff.

Primary and Secondary Uses

Kitchen Staff
Custodial Staff

Relationship and Organization

Located within the kitchen area with access to corridor.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
- Walls: minimum STC 50
- Ceilings: minimum CAC 35, NRC .70

WRITING/DISPLAY SPACES
- Fixed whiteboard

FLOORING
- Sealed concrete or Carpet Tiles

WINDOWS/DOORS
- Windows: Hollow Metal (HM) or aluminum frame/ storefront, with insulating clear glazing. Low-E glazing where applicable. Roller window shades/ blinds.
- Doors (Interior): Solid Wood Core with full vision-lite and HM or aluminum frame

CASEWORK
- None

LIGHTING
- Overhead fixtures
- Lighting appropriate for computer work
- Energy efficient light switches

PLUMBING
- None

ELECTRICAL/DATA
- One duplex receptacle on each wall in addition to power/data for printer.
- Provide two (2) duplex/data locations on perpendicular walls for multiple desk layout options.

HVAC
- Energy efficient HVAC unit pack
- Digital display thermostats with override capability and temperature adjustment (with preset limits)

TECHNOLOGY / COMMUNICATIONS
- Wireless Access Point(s)

FURNITURE FOR THE SPACE
- Desk and chair
- File cabinet
- Safe

ELEMENTARY SCHOOL

NUTRITIONAL SERVICES SPACE DESCRIPTIONS & RELATIONSHIPS

CUSTODIAL OFFICE/STORAGE

General Concept and Activities

Custodial office/storage room shall serve as a space for administrative duties for Head Custodian as well as storage of supplies and equipment.

Primary and Secondary Uses

Custodial Staff

Relationship and Organization

Located in main kitchen area with easy access to corridor.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
- Walls: minimum STC 50
- Ceilings: minimum CAC 35, NRC .70

WRITING/DISPLAY SPACES
- None

FLOORING
- Sealed concrete or Carpet Tiles

WINDOWS/DOORS
- Doors (Exterior): Metal Poly Core with full vision-lite and HM or aluminum frame.
- Doors (Interior): Solid Wood Core with full vision-lite and HM or aluminum frame

CASEWORK
- Industrial type Adjustable metal shelving, full height, adjustable and open

LIGHTING
- Overhead fixtures
- Energy efficient light switches

PLUMBING
- None

ELECTRICAL/DATA
- One duplex receptacle on each wall in addition to power/data for printer.
- Provide two (2) duplex/data locations on perpendicular walls for multiple desk layout options.

HVAC
- Energy efficient HVAC unit pack
- Exhaust

TECHNOLOGY / COMMUNICATIONS
- Wireless Access Point(s)
- (2) Computer drops for supervisor at desk

FURNITURE FOR THE SPACE
- Desk and chair
- File cabinet

ELEMENTARY SCHOOL

NUTRITIONAL SERVICES SPACE DESCRIPTIONS & RELATIONSHIPS

RESTROOM

General Concept and Activities
Staff Restrooms

Primary and Secondary Uses
Kitchen Staff
Custodial Staff

Relationship and Organization
To be located within kitchen space with easy access to corridors. Consider sight-lines and privacy for location.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
- Walls: minimum STC 50
- Ceilings: minimum CAC 35, NRC .70

WRITING/DISPLAY SPACES
- None

FLOORING
- Porcelain tile

WINDOWS/DOORS
- Doors (Interior): Solid Wood Core with vision-lite; HM or aluminum frame.
- No windows for privacy

CASEWORK
- Restroom accessories with mirror
- Hand sanitizer dispenser

LIGHTING
- Overhead fixtures
- Energy efficient light switches
- Light sensors

PLUMBING
- Cold water to sink
- Plumbing to toilet

ELECTRICAL/DATA
- GFCI outlets on one wall

HVAC
- Energy efficient HVAC unit pack
- Exhaust

TECHNOLOGY / COMMUNICATIONS
- None

FURNITURE FOR THE SPACE
- None

ELEMENTARY SCHOOL

NUTRITIONAL SERVICES SPACE DESCRIPTIONS & RELATIONSHIPS

COVERED OUTDOOR DINING

General Concept and Activities

This space will provide outdoor dining option for students. Outdoor dining should have good cross ventilation and natural lighting in the covered space. The Outdoor Dining space can also provide as an informal gathering and learning space for students both during and after school as well as for parent gatherings.

Primary and Secondary Uses

Students
Parents
Staff

Relationship and Organization

To be located adjacent to Multi-purpose room/seating area and accessible directly from serving area.

Features of the Space

Provide for proper 'cross ventilation' Pavilion design and material that is translucent to allow for natural light. Landscaping to help with shading and privacy.

ENVIRONMENTAL SOUND CONTROL
- None

WRITING/DISPLAY SPACES
- None

FLOORING
- None

WINDOWS/DOORS
- None

CASEWORK
- None

LIGHTING
- Overhead fixtures (indirect) where necessary

PLUMBING
- Consider hose bib and coordinate drain and sewer connection with site storm water management system.

ELECTRICAL/DATA
- GFCI outlets

HVAC
- None

TECHNOLOGY / COMMUNICATIONS
- None

FURNITURE FOR THE SPACE
- Outdoor tables and chairs
- Canopies or awnings
- Trash containers

ELEMENTARY SCHOOL

CUSTODIAL

ELEMENTARY SCHOOL

CUSTODIAL
PROGRAM OF SPACES

General Campus for TK-6

SPACE	Qty	Space/SF	TOTAL AREA
Custodial Closets	4	60	240
		Custodial Subtotal	**240**

*Actual number of custodial closets will vary based on campus layout.

ELEMENTARY SCHOOL

CUSTODIAL
SPACE DESCRIPTIONS & RELATIONSHIPS

CUSTODIAL CLOSETS

General Concept and Activities
Custodial rooms should be placed around the campus to allow for access to water, buckets/mops, cleaning equipment and paper product storage for restrooms. These rooms will typically be used by one custodian at a time.

Primary and Secondary Users
Staff

Relationship and Organization
These rooms should ideally be located close to large restrooms and one should be located in food service area.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
• None

WRITING / DISPLAY SPACES
• None

FLOORING
• Sealed Concrete

WINDOWS / DOORS
• Metal Door

CASEWORK
• None

LIGHTING
• Energy efficient overhead light switches
• Light sensors

PLUMBING
• Mop Sink

ELECTRICAL/DATA
• Duplex receptacles on all walls

HVAC
• Exhaust

TECHNOLOGY / COMMUNICATIONS
• None

FURNITURE FOR THE SPACE
• Adjustable metal shelving for supplies

Educational Specifications Summary

MIDDLE SCHOOL

MIDDLE SCHOOL

Each Educational Specification is divided into the following sections:

1. Site Configuration
2. Campus Administration
3. Learning Spaces
4. Multi-Purpose Spaces/Fine Arts
5. Media Center / Library
6. Special Education
7. Nutrition Services
8. Athletics/Physical Education
9. Career & Technology

This Middle School Educational Specification, developed as a component of the overall Master Plan process, provides guidelines that outline the essential components of middle school sites. These guidelines shall be applied to new sites and will be a benchmark for evaluating the needs and configuration of existing sites.

CLASSROOM LOADING

For the purposes of determining and monitoring the student capacity of each campus JUSD uses a standard number of students per classroom. These ratios are not intended to correlate to the actual number of students in a classroom at any one time or the maximum capacity of a classroom. They are a guideline used to track the overall capacity of school campuses.

For grades 7th - 8th, the loading ratio is 36 students per classroom.

MIDDLE SCHOOL

GENERAL CAMPUS PROGRAM OF SPACES

SPACE	900 Students	1,250 Students
Campus Administration	3,810	3,810
Learning Spaces*	31,560	53,600
Multi-Purpose Spaces/Fine Arts*	14,630	14,630
Media Center/Library	4,750	4,750
Special Education**	3,950	3,950
Nutrition Services	2,620	2,620
Athletics/Physical Education	5,520	5,520
Career & Technology*	3,330	3,330
Custodial	300	300
Subtotal	**70,470**	**92,510**

*Total number of classrooms will vary by campus. Figures listed here need to be confirmed based on individual campus needs. A minimum of 65 SF per student.
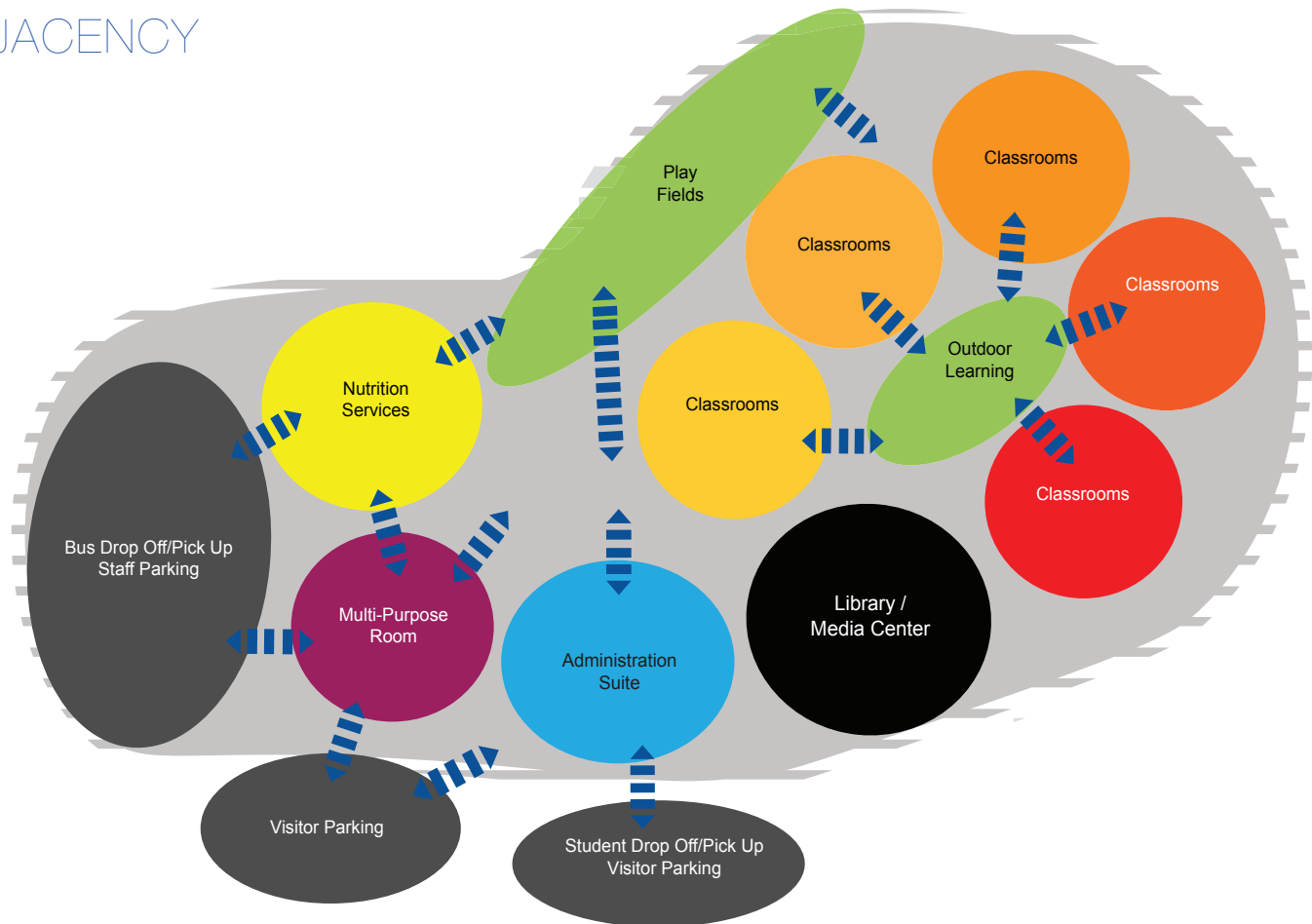
**Confirm actual number of classrooms by campus. JUSD has mainstreamed Special Education, therefore no Special Education spaces will be provided unless there is a mod/severe/functional skills program housed at a specific site.

Notes:
- The square footages above are a guideline to ensure parity for district-wide improvements. It is understood that existing building spaces may restrict in achieving these exact square footages. These are not rigid numbers that need to be met exactly but are intended to be a guideline for overall program comparisons between existing and proposed master plan scope strategies.
- Any significant deviations from this specification that may impact the budgets, prioritization and design intent should be approved by the District before proceeding into schematic design.
- No factor has been applied for circulation or spaces such as restrooms, and building support rooms. Square footages shown are net. A factor of 27% should be added to all net square footages.

MIDDLE SCHOOL

CAMPUS SITE ADJACENCY

Play Fields

Classrooms

Classrooms

Classrooms

Nutrition Services

Classrooms

Outdoor Learning

Classrooms

Bus Drop Off/Pick Up Staff Parking

Multi-Purpose Room

Administration Suite

Library / Media Center

Visitor Parking

Student Drop Off/Pick Up Visitor Parking

MIDDLE SCHOOL

OVERALL SITE PLAN

Site plan should comply with the California Department of Education and Title 5 standards. Additional requirements that were used as a basis for the guidelines indicated in these Educational Specifications follow.

Site Layout and Main Entry:
- Parking drop off, bus loading areas, and parking shall be separated to allow students to enter and exit the school grounds safely. Refer to the site adjacency diagram for recommended layout.
- Provide separate drop off /pick up areas close to the entrance to the campus for special education. In addition, provide parking close to extended day program spaces,
- Main entry to the campus shall be easily identifiable, and immediately accessible off parent drop off area.
- The entire campus shall be fenced. Fencing needs to be designed to be pleasant and inviting. It is suggested that school related graphics, name and mascot be incorporated into the main entry gates to enhance their appearance. All fencing to be 8' tall ornamental fencing.
- Site permitting, student gathering areas should be shielded from street-view. Provide screening or landscaping along fence where gathering areas are adjacent to streets.

Playfields:
- Adequate physical education teaching stations shall be available to accommodate course requirements for the planned enrollment.
- Supervision of playfields should not be obstructed by buildings or objects that impair observation and supervision.
- Playfields shall have shared use for educational and other public uses.
- Athletic fields include one practice football field and a decompressed granite (DG) running track.
- Playfields should be fenced.
- Include large paved play area with space for ten basketball courts and five volleyball courts. Provide additional separate space for other recess activities without conflicting with courts.

Outdoor Learning Areas:
- Learning shall not be bound to the classroom areas, therefore access to outdoor learning spaces should be provided from all classrooms. These areas to include diverse settings, including seating areas, planting areas and group areas.
- Provide an outdoor stage/platform with power and sound for school gatherings. The space should be clearly visible from outdoor learning areas, but should be shielded from views outside of the campus.
- Provide plentiful shade in outdoor settings through the use of canopies, awnings, and landscaping.
- Outdoor gardens are encouraged, but must be flexible to change as interests at each campus change.

Delivery and Service Areas:

- Delivery and service areas shall be located to provide vehicular access that is separate from parent and bus drop off areas, and does not jeopardize the safety of students and staff.
- Delivery / utility vehicles have direct access from the street to the delivery area without crossing over playground or field areas or drop-off.
- Trash pickup is fenced or otherwise isolated and away from foot traffic areas.

Placement of Buildings:

- Building placement shall consider compatibility of the various functions on campus and provide optimum patterns of pedestrian flow around and within buildings. Site layout shall enhance security of staff and students.
- Restrooms are conveniently located, require minimum supervision, and to the extent possible, are easily accessible from playfields and classrooms.
- Student entry points into classrooms from the outdoor areas shall be carefully planned to optimize supervision
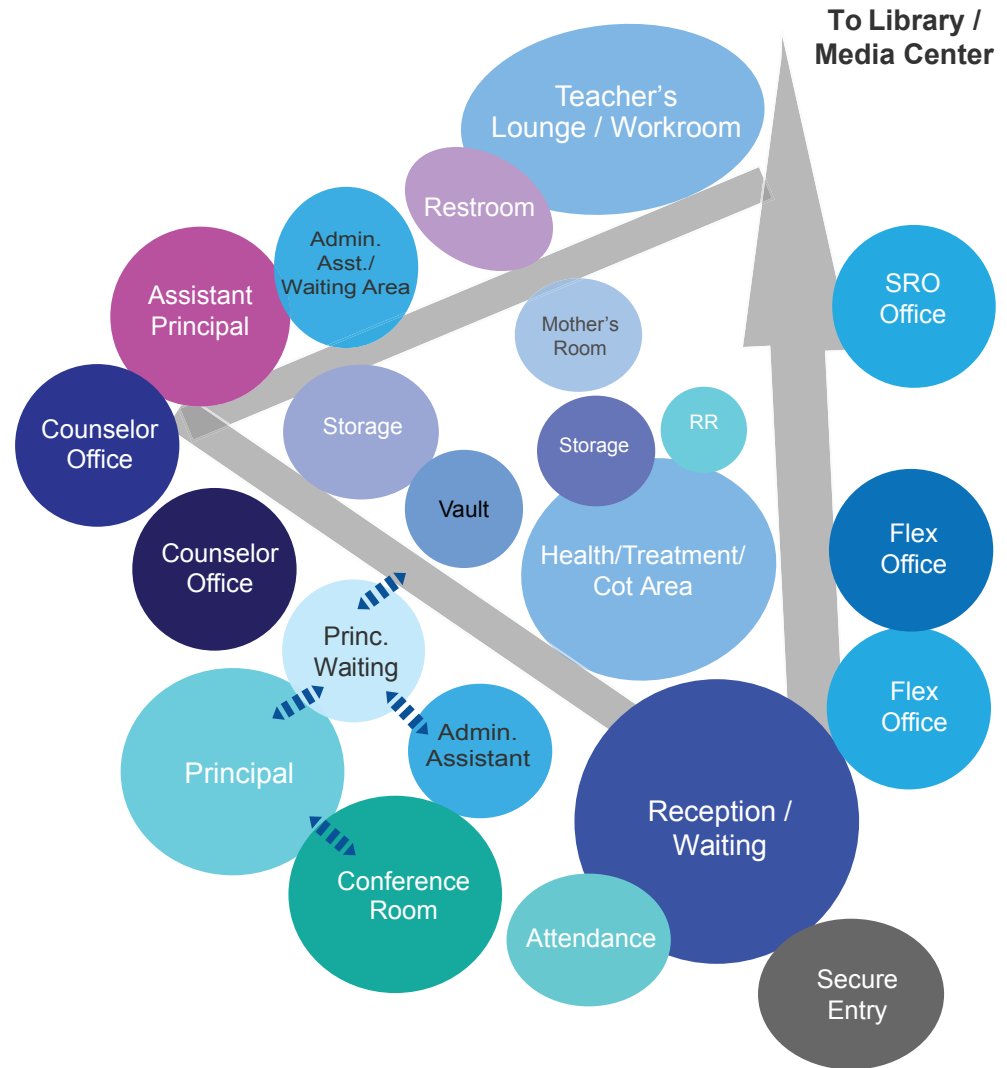
MIDDLE SCHOOL

ADMINISTRATION

MIDDLE SCHOOL

ADMINISTRATION PROGRAM OF SPACES

SPACE	Qty	Space/SF	TOTAL AREA
Secure Entry Vestibule	1	150	150
Main Reception/Waiting Area	1	400	400
Principal's Office	1	180	180
Principal's Administrative Assistant	1	100	100
Principal's Waiting area	1	80	80
Conference Room	1	250	250
Assistant Principal Office*	1	150	150
Counselor's Office*	2	120	240
Assistant Principal's Administrative Assistant*	1	100	100
Teacher's Lounge/Workroom	1	500	500
Storage	1	200	200
Restrooms	2	80	160
Mother's Room	1	60	60
Vault	1	100	100
SRO Office	1	100	100
Flex Office	2	100	200
Attendance Office	1	120	120
Records Room	1	120	120
Health Space/Treatment/Cot	1	420	420
Restroom	1	80	80
Storage	1	100	100
Administration Subtotal			**3,810**

*Number of offices may vary if campus is larger.

MIDDLE SCHOOL

ADMINISTRATION ADJACENCY

To Library / Media Center

Teacher's Lounge / Workroom

Restroom

Admin. Asst./ Waiting Area

Assistant Principal

Mother's Room

SRO Office

Counselor Office

Storage

Storage

RR

Vault

Counselor Office

Health/Treatment/ Cot Area

Flex Office

Princ. Waiting

Admin. Assistant

Flex Office

Principal

Reception / Waiting

Conference Room

Attendance

Secure Entry

MIDDLE SCHOOL

ADMINISTRATION
SPACE DESCRIPTIONS & RELATIONSHIPS

RECEPTION / WAITING AREAS

General Concept and Activities

The main administration center of the campus should serve as a welcome center for the school. It will serve as a front entry for the public, and house main administrative duties including conference, discipline, counseling, health, and attendance. The Administrative facilities, which will be accessed by students, faculty, and the public, shall have clear delineation of 'public' (e.g. Lobby and Waiting areas) versus 'private' (e.g. Offices) versus 'semi-private (e.g. Conference Room) type spaces.

Primary and Secondary Uses

Parents

Visitors

Students

Staff

Relationship and Organization

Located in main Administration area with visual connection to Main Entry and Health Office.

Features of the Space

The main Administration office should define a clear sense of entry for the campus and establish school pride. Design clear wayfinding to and from the main office through signage and building features that include school specific graphics and/or mascot. The space shall be welcoming and facilitate communication and collaboration between staff, as well as between student-to staff and parents-to-staff.

The space shall provide areas to display student work and create a school identity. Provide display area for current events, programs, and activities.

The layout should limit access from visitors to more private office and staff areas. The TCT (Translator, Clerk, Typist) should be the first point of contact for visitors. The Administrative Assistant(s) shares some duties with Reception/Clerical staff and therefore need to be in close proximity, as well as be adjacent to the Principal's/Assistant Principal's Offices. Given the private nature of some of their work, some visual separation from the front is needed.

Because the Administration staff needs to manage the Health Office functions during certain periods of the day, the Health Office needs to be located adjacent to the main reception desk with visual access. Design for adequate waiting area for parents and students in the main reception area, separate from Health. Provide separate waiting areas for the health area, and for the Principal's office.

ENVIRONMENTAL SOUND CONTROL
- Walls: minimum STC 50
- Ceilings: minimum CAC 35, NRC .70
- Quiet HVAC systems

WRITING/DISPLAY SPACES
- Tackboards
- Display case

FLOORING
- Carpet Tiles

WINDOWS/DOORS
- Windows: Hollow Metal (HM) or aluminum frame/ storefront, with insulating clear glazing. Low-E glazing where applicable. Roller window shades/ blinds.
- Doors (Exterior): Metal Poly Core with vision-lite with side-lite; HM or aluminum frame
- Doors (Interior): Solid Wood Core with vision-lite; HM or aluminum frame. Hardware: Thumb-locks to allow Classrooms to be locked from the inside without the use of a key.
- Access control to be provided as well.

CASEWORK
- Modular furniture systems
- Standing height counter for parent check in/out stations. Provide handicap accessible area.

LIGHTING
- Natural daylighting through glazing with easily adjustable baffles for control
- Overhead fixtures
- Energy efficient light switches
- Light sensors

PLUMBING
- None

ELECTRICAL/DATA
- Two (2) duplex receptacles on each wall
- Provide data at all computers and technology equipment.
- Main communication and fire alarm panel should be located in appropriate location within Main Administration Space
- Provide power for flat screen monitor that serves as school activity display

HVAC
- Energy efficient HVAC unit pack
- Digital display thermostats with override capability and temperature adjustment (with preset limits)

TECHNOLOGY / COMMUNICATIONS
- Wireless Access Point(s)
- 2 computer drops at each staff desk area.

FURNITURE FOR THE SPACE
- Standing height counter for parent check in/out stations. Provide handicap accessible area.
- Reception desk task chairs
- Lockable file storage (2-4 lateral files)
- Front desk – modular system
- Soft seating and side tables, minimum six (6) chairs in waiting area.

MIDDLE SCHOOL

ADMINISTRATION DESCRIPTIONS & RELATIONSHIPS

SECURE ENTRY VESTIBULE

General Concept and Activities
The secure entry vestibule shall serve as main visitor access to the building. Visitors will gain access to the building via formal check-in with receptionist, and will be buzzed in to the building by the receptionist. Once the visitor has provided necessary identification information, they will be granted access to the campus.

Primary and Secondary Uses
Parents
Visitors
Students

Relationship and Organization
Locate immediately adjacent to main reception area.

ENVIRONMENTAL SOUND CONTROL
• Walls: minimum STC 50
• Ceilings: minimum CAC 35, NRC .70
• Quiet HVAC systems

WRITING/DISPLAY SPACES
• None

FLOORING
• Carpet Tiles

WINDOWS/DOORS
• Windows: Hollow Metal (HM) or aluminum frame/ storefront, with insulating clear glazing. Low-E glazing where applicable. Roller window shades/ blinds.
• Doors (Exterior): Metal Poly Core with vision-lite with side-lite; HM or aluminum frame
• Hardware: Thumb-locks to allow Classrooms to be locked from the inside without the use of a key.
• Access control to be provided as well.

CASEWORK
• None

LIGHTING
• Energy efficient lighting switches

PLUMBING
• None

ELECTRICAL/DATA
• (2) Electrical receptacles for parent check in/out

HVAC
• Energy efficient HVAC unit pack

TECHNOLOGY / COMMUNICATIONS
• Remote access control

FURNITURE FOR THE SPACE
• None

MIDDLE SCHOOL

ADMINISTRATION
SPACE DESCRIPTIONS & RELATIONSHIPS

PRINCIPAL'S OFFICE

General Concept and Activities

The principal's office will be the headquarters for providing leadership to the school and should communicate a professional and organized environment. In addition to working in this space, the principal will meet with parents, students, other administrators, and staff members in a one-on-one or small group conference setting. The office should accommodate 1- 5 people at a time. This space will also be used for personal storage and will possibly house some confidential records.

Primary and Secondary Users

Administrative staff
Parents
Students

Relationship and Organization

This office should be close to the Reception/Waiting for Administration and would ideally have good visibility of the interior campus of the school. This office should be close to the main Conference Room and should be adjacent to administrative support staff, with a visual connection, if possible.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
- Walls: minimum STC 50
- Ceilings: minimum CAC 35, NRC .70

WRITING / DISPLAY SPACES
- Tackboard

FLOORING
- Carpet Tiles

WINDOWS / DOORS
- Hollow Metal (HM) or aluminum frame/ storefront, with insulating clear glazing. Low-E glazing where applicable. Roller window shades/ blinds.
- Doors (Interior): Solid Wood Core with vision-lite; HM or aluminum frame.
- Hardware: Thumb-locks to allow Classrooms to be locked from the inside without the use of a key.
- Access control to be provided as well.

CASEWORK
- None

LIGHTING
- Natural daylighting
- Overhead fixtures - indirect, if possible
- Energy efficient light switches
- Light sensors

PLUMBING
- None

ELECTRICAL/DATA
- One duplex receptacle on each wall in addition to power/data for printer.
- Provide two (2) duplex/data locations on perpendicular walls for multiple desk layout options.
- Provide power and data for flatscreen monitor

HVAC
- Energy efficient HVAC unit pack

TECHNOLOGY / COMMUNICATIONS
- Wireless Access Point(s)

FURNITURE FOR THE SPACE
- Desk and chair
- Round table (36") with guest seating (2-4)
- File cabinet

MIDDLE SCHOOL

ADMINISTRATION
SPACE DESCRIPTIONS & RELATIONSHIPS

ADMINISTRATIVE ASSISTANT

General Concept and Activities
This space will primarily be used as a work area for the Administrative Assistants that support the principal an assistant principal. Layout should be flexible to accommodate varying staff members and space needs. Seating area for students waiting to see principal or assistant principal to be provided.

Primary and Secondary Users
Administrative staff
Teachers

Relationship and Organization
This space should be close and have direct line of site into the Principal and Assistant Principal Offices.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
- Walls: minimum STC 50
- Ceilings: minimum CAC 35, NRC .70

WRITING / DISPLAY SPACES
- Tackboard

FLOORING
- Carpet Tiles

WINDOWS / DOORS
- None

CASEWORK
- None

LIGHTING
- Natural daylighting
- Overhead fixtures - indirect, if possible
- Energy efficient light switches
- Light sensors

PLUMBING
- None

ELECTRICAL/DATA
- One duplex receptacle on each wall in addition to power/data for printer.
- Provide two (2) duplex/data locations on perpendicular walls for multiple desk layout options.

HVAC
- Energy efficient HVAC unit pack

TECHNOLOGY / COMMUNICATIONS
- Wireless Access Point(s)

FURNITURE FOR THE SPACE
- Desk and chair
- Seating for students 2-3 (waiting area)

MIDDLE SCHOOL

ADMINISTRATION
SPACE DESCRIPTIONS & RELATIONSHIPS

CONFERENCE ROOMS

General Concept and Activities
The Conference Room would provide space that could be used by the administration and other staff for meetings and presentations with 12-14 people seated at a conference table. This room could also be used for parent meetings. Multimedia for presentations should be built-into the room space. The room will need to be flexible with seating and set up.

Primary and Secondary Uses
Administrative staff
Parents & Students

Relationship and Organization
This space should be located with direct access to the reception area and close to the Principal and Assistant Principal offices. The conference room should also be in close proximity to restrooms.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
- Walls: minimum STC 50
- Ceilings: minimum CAC 35, NRC .70

WRITING / DISPLAY SPACES
- Tackboard

FLOORING
- Carpet Tiles

WINDOWS / DOORS
- Hollow Metal (HM) or aluminum frame/ storefront, with insulating clear glazing. Low-E glazing where applicable. Roller window shades/ blinds.

- Doors (Interior): Solid Wood Core with vision-lite; HM or aluminum frame..
- Hardware: Thumb-locks to allow Classrooms to be locked from the inside without the use of a key.
- Access control to be provided as well.

CASEWORK
- None

LIGHTING
- Natural daylighting
- Overhead fixtures - indirect, if possible
- Energy efficient light switches
- Light sensors
- Consider lights over conference table

PLUMBING
- None

ELECTRICAL/DATA
- Duplex/data receptacles on each wall in addition to power for computer/printer
- Duplex receptacle under conference table (flush with floor)
- Provide power/data for flat screen monitor

HVAC
- Energy efficient HVAC unit pack

TECHNOLOGY / COMMUNICATIONS
- Wireless Access Point(s)
- Multi-user Conference Phone

FURNITURE FOR THE SPACE
- Conference Table
- 12-14 Chairs

MIDDLE SCHOOL

ADMINISTRATION
SPACE DESCRIPTIONS & RELATIONSHIPS

ASSISTANT PRINCIPAL'S OFFICE

General Concept and Activities

The assistant principal office should be designed with similar features as the Principal's Office, but should be flexible in layout so it could also accommodate different functions such as a testing room or small conference space during the life of the facility. Administrators or other staff will meet with parents and students in this office. The room should accommodate up to 4 people comfortably.

Primary and Secondary Users

Staff
Parents
Students

Relationship and Organization

This office should be close to the main hallway to be accessed by students easily. The office should also be along the administrative corridor.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
- Walls: minimum STC 50
- Ceilings: minimum CAC 35, NRC .70

WRITING / DISPLAY SPACES
- Tackboard

FLOORING
- Carpet Tiles

WINDOWS / DOORS
- Hollow Metal (HM) or aluminum frame/ storefront, with insulating clear glazing. Low-E glazing where applicable. Roller window shades/ blinds.
- Doors (Interior): Solid Wood Core with vision-lite; HM or aluminum frame.
- Hardware: Thumb-locks to allow Classrooms to be locked from the inside without the use of a key.
- Access control to be provided as well.

CASEWORK
- None

LIGHTING
- Natural daylighting
- Overhead fixtures - indirect, if possible
- Energy efficient light switches
- Light sensors

PLUMBING
- None

ELECTRICAL/DATA
- One duplex receptacle on each wall in addition to power/data for printer.
- Provide two (2) duplex/data locations on perpendicular walls for multiple desk layout options.

HVAC
- Energy efficient HVAC unit pack

TECHNOLOGY / COMMUNICATIONS
- Wireless Access Point(s)

FURNITURE FOR THE SPACE
- Desk and chair
- Round table and guest seating (2-4)
- File cabinet

MIDDLE SCHOOL

ADMINISTRATION
SPACE DESCRIPTIONS & RELATIONSHIPS

TEACHER LOUNGE/WORKROOM

General Concept and Activities
The teacher's lounge/workroom serves as a location for teachers to collaborate, enjoy their meal or break, as well as hold meetings and presentations. Supplies, a copier and copy paper for the school would be stored here. This space shall be divided by mailboxes to create lounge area and working area.

Primary and Secondary Uses
Administrative Staff
Teachers

Relationship and Organization
Separate from main reception area for more privacy. Should be easily accessible from classrooms.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
- Walls: minimum STC 50
- Ceilings: minimum CAC 35, NRC .70

WRITING/DISPLAY SPACES
- Magnetic whiteboard
- Tackboard

FLOORING
- Resilient flooring

WINDOWS/DOORS
- Hollow Metal (HM) or aluminum frame/ storefront, with insulating clear glazing. Low-E glazing where applicable. Roller window shades/ blinds.
- Doors (Interior): Solid Wood Core with vision-lite; HM or aluminum frame.

CASEWORK
- Mailboxes, 3" high x 12"wide x 18" deep, minimum of 75. Quantities vary, confirm with District.

- Standing height counter with lower and upper cabinets (drawers & adjustable shelves and room for laminator)
- Tall storage cabinet (7'-0" tall) lockable
- Double sink with garbage disposal
- Microwave
- Coffee maker
- Refrigerator

LIGHTING
- Natural daylighting through glazing with easily adjustable baffles for control
- Overhead fixtures
- Energy efficient light switches
- Light sensors

PLUMBING
- Hot and cold water to sink/disposal and refrigerator

ELECTRICAL/DATA
- Electrical/data/phone at tables
- Two (2) duplex receptacles above counter
- Dedicated power for two (2) copiers and other equipment/appliances

HVAC
- Energy efficient HVAC unit pack

TECHNOLOGY / COMMUNICATIONS
- Wireless Access Point(s)

FURNITURE FOR THE SPACE
- Table with 8-10 chairs in workroom
- Multiple person (4-6) tables and chairs in lounge
- Soft furnishings, with charging and data connection
- Patio furnishings at exterior, with shade device
- Stools/chairs for work at counter
- Small worktables and chairs
- Wall mounted paper roll

MIDDLE SCHOOL

ADMINISTRATION
SPACE DESCRIPTIONS & RELATIONSHIPS

STORAGE

General Concept and Activities
Storage room shall be used to store administrative office supplies as well as other items such as copy paper, school supplies, etc.

Primary and Secondary Uses
Staff

Relationship and Organization
Centrally located in administration area.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
• None

WRITING/DISPLAY SPACES
• None

FLOORING
• Sealed concrete

WINDOWS/DOORS
• Doors (Interior): Solid Wood Core with vision-lite; HM or aluminum frame.

CASEWORK
• Adjustable metal shelving

LIGHTING
• Overhead fixtures
• Energy efficient light switches
• Light sensors

PLUMBING
• None

ELECTRICAL/DATA
• Electrical outlets on each wall

HVAC
• Energy efficient HVAC unit pack

TECHNOLOGY / COMMUNICATIONS
• None

FURNITURE FOR THE SPACE
• None

MIDDLE SCHOOL

ADMINISTRATION
SPACE DESCRIPTIONS & RELATIONSHIPS

RESTROOM

General Concept and Activities
Restrooms to support administrative staff as well as visitors.

Primary and Secondary Uses
Staff
Parents
Visitors

Relationship and Organization
To be located with easy access to administration. Consider sight-lines and privacy for location.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
- Walls: minimum STC 50
- Ceilings: minimum CAC 35, NRC .70

WRITING/DISPLAY SPACES
- None

FLOORING
- Porcelain tile

WINDOWS/DOORS
- Doors (Interior): Solid Wood Core with vision-lite; HM or aluminum frame.
- No windows for privacy

CASEWORK
- Restroom accessories including mirror
- Hand sanitizer dispenser

LIGHTING
- Overhead fixtures
- Energy efficient light switches
- Light sensors

PLUMBING
- Cold water to sink
- Plumbing to toilet

ELECTRICAL/DATA
- GFCI outlets on one wall

HVAC
- Energy efficient HVAC unit pack
- Exhaust

TECHNOLOGY / COMMUNICATIONS
- None

FURNITURE FOR THE SPACE
- None

MIDDLE SCHOOL

ADMINISTRATION SPACE DESCRIPTIONS & RELATIONSHIPS

VAULT

General Concept and Activities
Vault should be used for storage of important and confidential information.

Primary and Secondary Uses
Staff

Relationship and Organization
Centrally located in administration area.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
- None

WRITING/DISPLAY SPACES
- None

FLOORING
- Sealed concrete

WINDOWS/DOORS
- Doors (Interior): Solid Wood Core with vision-lite; HM or aluminum frame.

CASEWORK
- None

LIGHTING
- Overhead fixtures
- Energy efficient light switches
- Light sensors

PLUMBING
- None

ELECTRICAL/DATA
- Electrical outlets on each wall

HVAC
- Energy efficient HVAC unit pack

TECHNOLOGY / COMMUNICATIONS
- None

FURNITURE FOR THE SPACE
- Vault

MIDDLE SCHOOL

ADMINISTRATION
SPACE DESCRIPTIONS & RELATIONSHIPS

MOTHERS ROOM

General Concept and Activities
This space is for new/lactating mother's to allow for privacy while pumping breast milk.

Primary and Secondary Users
Staff

Relationship and Organization
This space should be close to the workroom and teachers lounge.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
- Walls: minimum STC 50
- Ceilings: minimum CAC 35, NRC .70

WRITING / DISPLAY SPACES
- None

FLOORING
- Carpet Tiles

WINDOWS / DOORS
- Hollow Metal (HM) or aluminum frame/ storefront, with insulating clear glazing. Low-E glazing where applicable. Roller window shades/ blinds.
- Doors (Interior): Solid Wood Core with vision-lite; HM or aluminum frame.

CASEWORK
- Seated height counter with sink
- Undercounter refrigerator

LIGHTING
- Overhead fixtures - indirect, if possible
- Energy efficient light switches
- Light sensors

PLUMBING
- Water to sink

ELECTRICAL/DATA
- Duplex/data receptacles on one wall

HVAC
- Energy efficient HVAC unit pack

TECHNOLOGY / COMMUNICATIONS
- Wireless Access Point(s)

FURNITURE FOR THE SPACE
- Soft seating/chair
- Small side table

MIDDLE SCHOOL

ADMINISTRATION
SPACE DESCRIPTIONS & RELATIONSHIPS

FLEX OFFICE

General Concept and Activities
These offices should be designed flexible in layout so it can also accommodate different functions such as a testing room or small conference space during the life of the facility. The room should accommodate up to 4 people comfortably.

Primary and Secondary Users
Administrative staff
Parents
Students

Relationship and Organization
This office should be close to the main hallway to be accessed easily by students. The office should also be along the administrative corridor.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
- Walls: minimum STC 50
- Ceilings: minimum CAC 35, NRC .70

WRITING / DISPLAY SPACES
- Tackboard

FLOORING
- Carpet Tiles

WINDOWS / DOORS
- Hollow Metal (HM) or aluminum frame/ storefront, with insulating clear glazing. Low-E glazing where applicable. Roller window shades/ blinds.
- Doors (Interior): Solid Wood Core with vision-lite; HM or aluminum frame.

- Hardware: Thumb-locks to allow Classrooms to be locked from the inside without the use of a key.
- Access control to be provided as well.

CASEWORK
- None

LIGHTING
- Natural daylighting
- Overhead fixtures - indirect, if possible
- Energy efficient light switches
- Light sensors

PLUMBING
- None

ELECTRICAL/DATA
- One duplex receptacle on each wall in addition to power/data for printer.
- Provide two (2) duplex/data locations on perpendicular walls for multiple desk layout options.

HVAC
- Energy efficient HVAC unit pack

TECHNOLOGY / COMMUNICATIONS
- Wireless Access Point(s)

FURNITURE FOR THE SPACE
- Desk and chair
- Round table and guest seating (2-4)

MIDDLE SCHOOL

ADMINISTRATION
SPACE DESCRIPTIONS & RELATIONSHIPS

REGISTRAR OFFICE

General Concept and Activities
This is administrative workspace for the Registrar.

Primary and Secondary Users
Staff
Parents
Students

Relationship and Organization
This office should be close to the main hallway to be accessed easily by students. The office should also be along the administrative corridor.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
- Walls: minimum STC 50
- Ceilings: minimum CAC 35, NRC .70

WRITING / DISPLAY SPACES
- Tackboard

FLOORING
- Carpet Tiles

WINDOWS / DOORS
- Hollow Metal (HM) or aluminum frame/ storefront, with insulating clear glazing. Low-E glazing where applicable. Roller window shades/ blinds.
- Doors (Interior): Solid Wood Core with vision-lite; HM or aluminum frame.

CASEWORK
- None

LIGHTING
- Natural daylighting
- Overhead fixtures - indirect, if possible
- Energy efficient light switches
- Light sensors

PLUMBING
- None

ELECTRICAL/DATA
- One duplex receptacle on each wall in addition to power/data for printer.
- Provide two (2) duplex/data locations on perpendicular walls for multiple desk layout options.

HVAC
- Energy efficient HVAC unit pack

TECHNOLOGY / COMMUNICATIONS
- Wireless Access Point(s)

FURNITURE FOR THE SPACE
- Desk and chair
- Guest seating (2-4)

MIDDLE SCHOOL

ADMINISTRATION
SPACE DESCRIPTIONS & RELATIONSHIPS

COUNSELOR'S OFFICE

General Concept and Activities

These offices will be used by school counselors. Meeting with parents, students and other staff will be held in this space.

Primary and Secondary Users

Staff
Parents
Students

Relationship and Organization

This office should be close to the main hallway to be accessed by students easily. The office should also be along with administrative corridor.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
- Walls: minimum STC 50
- Ceilings: minimum CAC 35, NRC .70

WRITING / DISPLAY SPACES
- Tackboard

FLOORING
- Carpet Tiles

WINDOWS / DOORS
- Hollow Metal (HM) or aluminum frame/ storefront, with insulating clear glazing. Low-E glazing where applicable. Roller window shades/ blinds.
- Doors (Interior): Solid Wood Core with vision-lite; HM or aluminum frame.

CASEWORK
- None

LIGHTING
- Natural daylighting
- Overhead fixtures - indirect, if possible
- Energy efficient light switches
- Light sensors

PLUMBING
- None

ELECTRICAL/DATA
- One duplex receptacle on each wall in addition to power/data for printer.
- Provide two (2) duplex/data locations on perpendicular walls for multiple desk layout options.

HVAC
- Energy efficient HVAC unit pack

TECHNOLOGY / COMMUNICATIONS
- Wireless Access Point(s)

FURNITURE FOR THE SPACE
- Desk and chair
- Round table and guest seating (2-4)

MIDDLE SCHOOL

ADMINISTRATION
SPACE DESCRIPTIONS & RELATIONSHIPS

ATTENDANCE OFFICE

General Concept and Activities
This office is for the campus Attendance Clerk. Interaction with parents, students and other staff will take place in this space.

Primary and Secondary Users
Staff
Parents & Students

Relationship and Organization
This office should be close to the main hallway to be accessed by students easily. The office should also be along with administrative corridor.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
- Walls: minimum STC 50
- Ceilings: minimum CAC 35, NRC .70

WRITING / DISPLAY SPACES
- Tackboard

FLOORING
- Carpet Tiles

WINDOWS / DOORS
- Hollow Metal (HM) or aluminum frame/ storefront, with insulating clear glazing. Low-E glazing where applicable. Roller window shades/ blinds.
- Doors (Interior): Solid Wood Core with vision-lite; HM or aluminum frame.
- Hardware: Thumb-locks to allow Classrooms to be locked from the inside without the use of a key.
- Access control to be provided as well.

CASEWORK
- Pass-thru window to campus

LIGHTING
- Natural daylighting
- Overhead fixtures - indirect, if possible
- Energy efficient light switches
- Light sensors

PLUMBING
- None

ELECTRICAL/DATA
- One duplex receptacle on each wall in addition to power/data for printer.
- Provide two (2) duplex/data locations on perpendicular walls for multiple desk layout options.

HVAC
- Energy efficient HVAC unit pack

TECHNOLOGY / COMMUNICATIONS
- Wireless Access Point(s)

FURNITURE FOR THE SPACE
- Desk and chair
- Round table and guest seating (2-4)

MIDDLE SCHOOL

ADMINISTRATION
SPACE DESCRIPTIONS & RELATIONSHIPS

RECORDS ROOM

General Concept and Activities
This room is for administrative staff to store past and current student records. Back up records in digital format may also be stored here. Only administrative staff and teachers should access this room.

Primary and Secondary Users
Staff
Teachers

Relationship and Organization
This office should be close to the counselor's office.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
• Walls: minimum STC 50
• Ceilings: minimum CAC 35, NRC .70

WRITING / DISPLAY SPACES
• Small tackboard

FLOORING
• Carpet Tiles

WINDOWS / DOORS
• Doors (Interior): Solid Wood Core - Fire rated, HM or aluminum frame

CASEWORK
• None

LIGHTING
• Overhead fixtures - indirect, if possible
• Energy efficient light switches
• Light sensors

PLUMBING
• None

ELECTRICAL/DATA
• Duplex/data receptacles on two walls

HVAC
• Energy efficient HVAC unit pack

TECHNOLOGY / COMMUNICATIONS
• None

FURNITURE FOR THE SPACE
• Vertical or lateral files
• If room is not 2-hour fire rated, consider fire-proof storage files
• Small table

MIDDLE SCHOOL

ADMINISTRATION
SPACE DESCRIPTIONS & RELATIONSHIPS

HEALTH CLERK/TREATMENT/COTS

General Concept and Activities
This space is where nurse, health clerk or other staff members can address students who are feeling ill. Students may also wait in this space for parent pick up.

Eye exams and other exams may also take place in this space. There may not be a full time nurse at campus therefore health clinic may be supported by administrative staff.

Primary and Secondary Users
Nurse / Staff
Parents
Students

Relationship and Organization
This space should be located within the clinic with direct access to Nurse desk and wheelchair storage space.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
- Walls: minimum STC 50
- Ceilings: minimum CAC 35, NRC .70

WRITING / DISPLAY SPACES
- Tackboard

FLOORING
- Carpet Tiles

WINDOWS / DOORS
- Doors (Interior): Solid Wood Core with vision-lite; HM or aluminum frame.

CASEWORK
- Upper cabinet (lockable) with cubbies to separate individual student medications.
- Tall cabinet with adjustable shelves.
- Refrigerator
- Ice Maker
- Base cabinet with sink
- Eye Chart - Provide minimum 11' clear floor area to allow for eye exams.

LIGHTING
- Overhead fixtures - indirect, if possible
- Energy efficient light switches
- Light sensors
- Consider task lights at workspace
- Separate switching for lights at cots

PLUMBING
- Hot and cold water to sink

ELECTRICAL/DATA
- Duplex/data receptacles on each wall in addition to power for computer/printer

HVAC
- Energy efficient HVAC unit pack

TECHNOLOGY / COMMUNICATIONS
- Wireless Access Point(s)

FURNITURE FOR THE SPACE
- Desk and chair
- Guest seating (1-2)
- Cots (2)
- Privacy Curtains (2) - between cots
- Chairs (2)

MIDDLE SCHOOL

ADMINISTRATION SPACE DESCRIPTIONS & RELATIONSHIPS

HEALTH RESTROOM

General Concept and Activities
Restroom to support Health Clinic (students and staff).

Primary and Secondary Uses
Staff
Students

Relationship and Organization
To be located with easy access to treatment area.
Consider sight-lines and privacy for location.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
- Walls: minimum STC 50
- Ceilings: minimum CAC 35, NRC .70

WRITING/DISPLAY SPACES
- None

FLOORING
- Porcelain tile

WINDOWS/DOORS
- Doors (Interior): Solid Wood Core with vision-lite; HM or aluminum frame.
- No windows for privacy

CASEWORK
- Restroom accessories including mirror
- Hand sanitizer dispenser
- 4" deep wall cabinet over toilet

LIGHTING
- Overhead fixtures
- Energy efficient light switches
- Light sensors

PLUMBING
- Cold water to sink
- Plumbing to toilet

ELECTRICAL/DATA
- GFCI outlets on one wall

HVAC
- Energy efficient HVAC unit pack
- Exhaust

TECHNOLOGY / COMMUNICATIONS
- None

FURNITURE FOR THE SPACE
- Hooks on wall in Clinic Restroom
- Restroom should be able to accommodate hoist for handicap users

MIDDLE SCHOOL

ADMINISTRATION
SPACE DESCRIPTIONS & RELATIONSHIPS

SCHOOL RESOURCE OFFICER OFFICE (SRO)

General Concept and Activities
This office is meeting and workspace for the SRO.

Primary and Secondary Users
School Resource Officer
Parents
Students

Relationship and Organization
This office should be close to the main hallway to be accessed easily by students. The office should also be along the administrative corridor.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
- Walls: minimum STC 50
- Ceilings: minimum CAC 35, NRC .70

WRITING / DISPLAY SPACES
- Tackboard

FLOORING
- Carpet Tiles

WINDOWS / DOORS
- Hollow Metal (HM) or aluminum frame/ storefront, with insulating clear glazing. Low-E glazing where applicable. Roller window shades/ blinds.
- Doors (Interior): Solid Wood Core with vision-lite; HM or aluminum frame.
- Access control to be provided as well.

CASEWORK
- None

LIGHTING
- Natural daylighting
- Overhead fixtures - indirect, if possible
- Energy efficient light switches
- Light sensors

PLUMBING
- None

ELECTRICAL/DATA
- One duplex receptacle on each wall in addition to power/data for printer.
- Provide two (2) duplex/data locations on perpendicular walls for multiple desk layout options.

HVAC
- Energy efficient HVAC unit pack

TECHNOLOGY / COMMUNICATIONS
- Wireless Access Point(s)

FURNITURE FOR THE SPACE
- Desk and chair
- Guest seating (2-4)
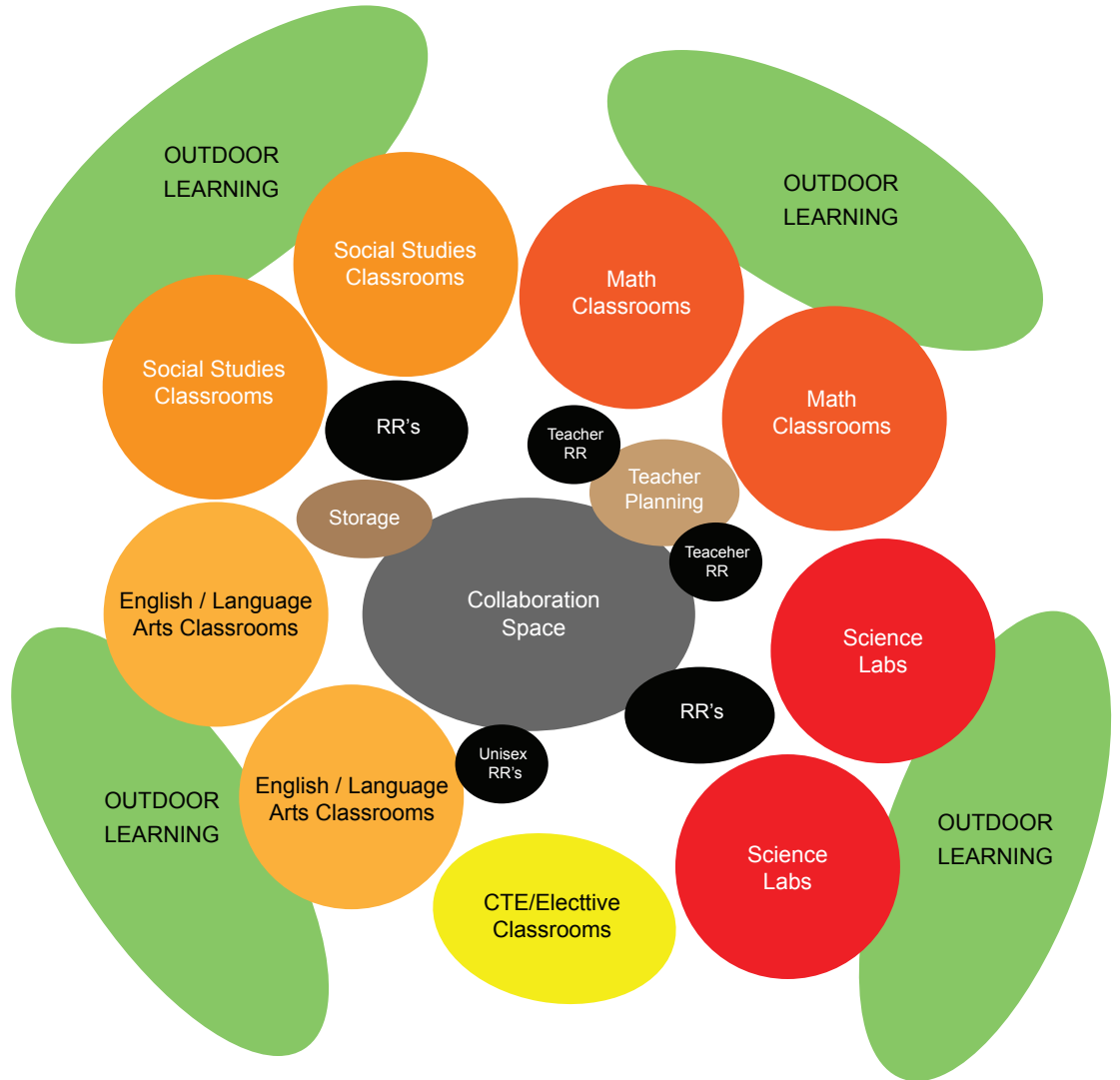
MIDDLE SCHOOL

LEARNING SPACES

MIDDLE SCHOOL

LEARNING SPACES
PROGRAM OF SPACES

SPACE	900 Students			1,250 Students		
	Qty	SF	Total	Qty	SF	Total
Classrooms	25	960	24,000	41	960	39,360
Restrooms	10	180	1,800	16	180	2,880
Collaboration Space	2	800	1,600	2	800	1,600
Teacher Workroom/						
Planning (1 per grade)	2	240	480	2	240	480
Storage (1 per grade)	2	180	360	2	180	360
Science Lab	2	1,350	2,700	6	1,350	8,100
Science Prep Room	1	100	100	3	100	300
Teacher Restroom	6	60	360	6	60	360
Unisex Restroom	2	80	160	2	80	160
Outdoor Learning Area	1			1		
Subtotal			**31,560**	**Subtotal**		**53,600**

*Total number of classrooms will vary by campus. Figures listed here need to be confirmed based on individual campus needs.

MIDDLE SCHOOL

LEARNING SPACES ADJACENCY

OUTDOOR LEARNING

OUTDOOR LEARNING

Social Studies Classrooms

Math Classrooms

Social Studies Classrooms

Math Classrooms

RR's

Teacher RR

Teacher Planning

Storage

Teaceher RR

English / Language Arts Classrooms

Collaboration Space

Science Labs

RR's

Unisex RR's

English / Language Arts Classrooms

OUTDOOR LEARNING

CTE/Electtive Classrooms

Science Labs

OUTDOOR LEARNING

MIDDLE SCHOOL

LEARNING SPACES
SPACE DESCRIPTIONS & RELATIONSHIPS

TYPICAL CLASSROOMS

General Concept and Activities:
The standard Classrooms will be organized to facilitate an interdisciplinary, learner-centered approach to instruction with full integration of technology and a focus on hands on learning. The 7th and 8th Grade classroom facilities must be agile and flexible to accommodate a variety of instructional activities in alignment with JUSD's guiding principles. Class areas should provide active and passive spaces that encourage different types of learning styles; from large lecture to small group to individual work.

Primary and Secondary Uses
Teachers
Students

Relationship and Organization
The Classrooms are organized in a cluster around a central Campus Hub. Classrooms shall have the ability to open up to outdoor learning courtyards that extend the learning outdoors.

Classrooms shall be technology rich to support student centered learning, as well as support the district's focus on hands on learning.

High-performance learning environment elements such as flexible, movable furniture, good indoor air quality, diffused natural daylight, light level selection, exterior views, superior acoustical performance, comfortable thermal setting and controllability, improved ventilation, should be included in all areas.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
• Walls: minimum STC 50
• Ceilings: minimum CAC 35, NRC .70

WRITING/DISPLAY SPACES
• Magnetic whiteboard - one 12' markerboard flanked by two 4' markerboards
• Tackboards on all other walls

FLOORING
• Carpet Tiles

WINDOWS/DOORS
- Windows: Provide reflective window tint.
- Hollow Metal (HM) or aluminum frame/ storefront, with insulating clear glazing. Low-E glazing where applicable. Roller window shades/ blinds. Shades to allow 3% opening. Windows shall not extend to floor.
- Doors (Interior): Solid Wood Core with vision-lite; HM or aluminum frame..
- Hardware: Thumb-locks to allow Classrooms to be locked from the inside without the use of a key.
- Access control to be provided as well.

CASEWORK
- One wall to have one teachers wardrobe, and tall storage units (lockable)
- One tall storage unit
- Provide backpack storage - District may consider mobile carts

LIGHTING
- Natural daylighting through glazing with easily adjustable baffles for control
- Overhead fixtures
- Energy efficient light switches
- Light sensors

PLUMBING
- None

ELECTRICAL/DATA
- Two (2) duplex receptacles above counter
- Two (2) duplex receptacles along each wall
- Three (3) computer drops for teachers.

HVAC
- Energy efficient HVAC unit pack located outside classroom to avoid mechanical noise

TECHNOLOGY / COMMUNICATIONS
- Wireless Access Point(s)
- One (1) mounted projection device
- Provide charging stations

FURNITURE FOR THE SPACE (varies by grade level)
- Student desks and chairs for 34 (moveable and can be arranged into multiple configurations), with two (2) standing height desks and 12" high desks for floor activities
- Soft seating for reading
- Stools for standing height tables
- Adjustable teachers podium and stool.
- Six (6) wobbly stools

MIDDLE SCHOOL

LEARNING SPACES
SPACE DESCRIPTIONS & RELATIONSHIPS

COLLABORATION SPACE

General Concept and Activities:
The collaboration space should be designed to extend the learning outside the classrooms. Transparency from the classrooms to this space is require by including sidelights next to classroom doors or movable walls. Access can be provided between groups of classrooms to foster cross-collaboration teaching. Collaboration spaces should be flexible with moveable, group-able furnishings. A variety of activities including makerspace activities, team teaching, small group work, Art and Science, could occur in this space. Design for floor outlets, wireless technology, and charging stations for mobile devices to maximize flexibility. Storage should be provided within the space.

Primary and Secondary Uses
Teachers
Students

Relationship and Organization
The collaboration space should be located central to classrooms.

Features of the Space
High-performance learning environment elements such as flexible, movable furniture, good indoor air quality, diffused natural daylight, light level selection, exterior views, superior acoustical performance, comfortable thermal setting and controllability, improved ventilation, should be included in all areas.

ENVIRONMENTAL SOUND CONTROL
- Walls: minimum STC 50
- Ceilings: minimum CAC 35, NRC .70
- Quiet HVAC systems
- Provide quality acoustic properties conducive for instructional purposes in all spaces and adjoining walls

WRITING/DISPLAY SPACES
- Magnetic whiteboard
- Tackboard

FLOORING
- Carpet Tiles

WINDOWS/DOORS
- Windows: Hollow Metal (HM) or aluminum frame/ storefront, with insulating clear glazing. Low-E glazing where applicable. Roller window shades/ blinds.
- Doors (Interior): Solid Wood Core with vision-lite; HM or aluminum frame.

CASEWORK
• Storage cabinets
• Safety hook or open shelving for backpacks.
• Teacher storage along one wall for classroom materials.

LIGHTING
• Natural daylighting through glazing with easily adjustable baffles for control
• Overhead fixtures
• Energy efficient light switches
• Light sensors

PLUMBING
• None

ELECTRICAL/DATA
• Wireless infrastructure
• Electrical quad outlets at each data port
• 1 (2) port for student computer station
• 1 (2) port with duplex outlet for 4 printer locations
• Wall mounted clock
• 1 AV outlet
• Wall mounted outlet for intrusion detection motion sensor
• Ceiling mounted speaker

HVAC
• Energy efficient HVAC unit pack
• Digital display thermostats with override capability and temperature adjustment (with preset limits)

TECHNOLOGY / COMMUNICATIONS
• Wireless Access Point(s)
• One (1) mounted projection device

FURNITURE FOR THE SPACE
• Moveable, group-able, tables and chairs
• Soft seating for reading
• Mobile workstation and task chair
• Wobbly stools (6)

MIDDLE SCHOOL

LEARNING SPACES
SPACE DESCRIPTIONS & RELATIONSHIPS

TEACHER PLANNING ROOM/WORKROOM

General Concept and Activities
The workroom may be used by the teachers for a variety of activities. Supplies and copy paper for the classroom would be stored in this room.

Primary and Secondary Uses
Teachers
Staff

Relationship and Organization
This space should be located close to classrooms and activity center.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
- Walls: minimum STC 50
- Ceilings: minimum CAC 35, NRC .70
- Provide quality acoustic properties conducive for instructional purposes in all spaces and adjoining walls

WRITING / DISPLAY SPACES
- Tackboard
- Small markerboard

FLOORING
- Resilient flooring

WINDOWS / DOORS
- Windows: Hollow Metal (HM) or aluminum frame/ storefront, with insulating clear glazing. Low-E glazing where applicable. Roller window shades/ blinds
- Doors (Interior): Solid Wood Core with vision-lite; HM or aluminum frame.

- Hardware: Thumb-locks to allow Classrooms to be locked from the inside without the use of a key.
- Access control to be provided as well.

CASEWORK
- Standing height counter with lower and upper cabinets, lockable
- Sink at base cabinet

LIGHTING
- Overhead fixtures - indirect, if possible
- Energy efficient light switches
- Light sensors

PLUMBING
- None

ELECTRICAL/DATA
- Electrical/ data/ phone/ intercom at meeting table
- Electrical duplex/ data 1 (2) port for printer
- Additional above counter electrical outlets
- Audio Visual
- Additional data/ electrical ports as required for equipment
- Ceiling mounted speaker

HVAC
- Energy efficient HVAC unit pack

TECHNOLOGY / COMMUNICATIONS
- Wireless Access Point(s)

FURNITURE FOR THE SPACE
- Under-counter refrigerator.
- Stools/chairs for work at counter
- Small worktables and chairs

MIDDLE SCHOOL

LEARNING SPACES
SPACE DESCRIPTIONS & RELATIONSHIPS

RESTROOM

General Concept and Activities
Restrooms space for classroom wing.

Primary and Secondary Uses
Students
Teachers

Relationship and Organization
To be located with easy access to classrooms. Consider sight-lines and privacy for location.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
- Walls: minimum STC 50
- Ceilings: minimum CAC 35, NRC .70

WRITING/DISPLAY SPACES
- None

FLOORING
- Porcelain tile

WINDOWS/DOORS
- Doors (Interior): Solid Wood Core with vision-lite; HM or aluminum frame.
- No windows for privacy

CASEWORK
- Restroom accessories including mirror
- Hand sanitizer dispenser

LIGHTING
- Overhead fixtures
- Energy efficient light switches
- Light sensors

PLUMBING
- Cold water to sink
- Plumbing to toilet

ELECTRICAL/DATA
- GFCI outlets on one wall

HVAC
- Energy efficient HVAC unit pack
- Exhaust

TECHNOLOGY / COMMUNICATIONS
- None

FURNITURE FOR THE SPACE
- None

MIDDLE SCHOOL

LEARNING SPACES
SPACE DESCRIPTIONS &
RELATIONSHIPS

SCIENCE LAB

General Concept and Activities

The science labs for the school would provide for science instruction for all students. This is a space that will be used primarily for science instruction. The Science lab features a laboratory design consistent with middle school curriculum requirements as well as applicable safety requirements. One lab should be designed to allow for instruction in chemistry. Activities will include hands-on projects, experiments and lab projects, as well as large and small group instruction demonstrations and multimedia presentations. An adjacent outdoor learning area with tables and seating, a garden area, or access to wetlands can expand the science lab environment.

Primary and Secondary Uses

Students
Teachers

Relationship and Organization

Science labs should be located close to upper level classrooms and ideally with access to outdoor space.

Features of the Space

Accommodations for safety equipment (fire extinguisher, first aid kit, eye wash stations should be provided as well as appropriate ventilation for hazardous materials that emit noxious fumes, including high volume purge system in the event of accidental release of toxic substances which may become airborne

ENVIRONMENTAL SOUND CONTROL
- Walls: minimum STC 50
- Ceilings: minimum CAC 35, NRC .70

WRITING / DISPLAY SPACES
- Tackboards
- Small markerboard

FLOORING
- Resilient flooring

WINDOWS/DOORS
- Windows: Hollow Metal (HM) or aluminum frame/storefront, with insulating clear glazing. Low-E glazing where applicable. Roller window shades/ blinds
- Doors (Interior): Solid Wood Core with vision-lite; HM or aluminum frame.
- Access control to be provided as well.

CASEWORK
- Secured storage areas for volatile, flammable, and corrosive chemicals that is in accordance with the District's Hazardous Materials Storage Policy
- 6-8 mobile lab stations accommodating teams of 4, with epoxy resin countertops/integral sinks
- Teacher demo station with integral computer workstation, and sink
- 1-2 tall cabinets for equipment storage/microscope storage and display
- Safety Goggle storage and sterilization cabinet

LIGHTING
- Natural lighting
- Overhead fixtures
- Energy efficient light switches
- Light sensors

PLUMBING
- Water to eye/wash emergency shower with drain
- Lab sinks with hot and cold water
- Gas connection with master shut-off for gas
- Acid waste plumbing - avoid under sink clean out if possible

ELECTRICAL/DATA
- 2 duplex receptacles on each wall in addition to power for computers/technology
- Duplex receptacles above casework and demo station
- Consider power in floor under lab tables

HVAC
- Energy efficient HVAC unit pack
- Exhaust fume hood

TECHNOLOGY / COMMUNICATIONS
- Wireless Access Point(s)
- One (1) mounted projection device

FURNITURE FOR THE SPACE
- Movable lab tables with resin tops
- Stools or chairs
- Mobile cart for lab supplies

SCIENCE PREP ROOM

General Concept and Activities
The Science Prep/Storage room should function as a lab prep room and science equipment storage and will be used by both staff and students to gather supplies for a class lab. The space could also be used for student make up labs and tests, and support independent projects.

Primary and Secondary Uses
Teachers
Students

Relationship and Organization
To be located adjacent to Science Labs, preferably between with access from both.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
- Walls: minimum STC 50
- Ceilings: minimum CAC 35, NRC .70

WRITING/DISPLAY SPACES
- Tackboard

FLOORING
- Sealed concrete

WINDOWS/DOORS
- Doors (Interior): Solid Wood Core with vision-lite; HM or aluminum frame.

CASEWORK
- 1-2 lab stations with epoxy resin countertops/integral sinks
- 1-2 tall cabinets for equipment storage/microscope storage and display
- Analyze proposed chemical use in labs and consider if chemical storage cabinets are required
- Earthquake shelving for chemicals

LIGHTING
- Overhead fixtures
- Energy efficient light switches
- Light sensors

PLUMBING
- Lab sinks with hot and cold water
- Acid waste plumbing - avoid under sink clean out if possible

ELECTRICAL/DATA
- Two (2) duplex receptacles on each wall
- Duplex receptacles above lab casework
- Power for technology charging station

HVAC
- Energy efficient HVAC unit pack
- Manual exhaust

TECHNOLOGY / COMMUNICATIONS
- Wireless Access Point(s)

FURNITURE FOR THE SPACE
- Stools
- Mobile cart for lab supplies
- Refrigerator - labeled "For Lab Use Only"

MIDDLE SCHOOL

MULTI-PURPOSE / FINE ARTS

MIDDLE SCHOOL

MULTI-PURPOSE / FINE ARTS PROGRAM OF SPACES

SPACE	Qty	Space/SF	TOTAL AREA
Multi-Purpose Room/Seating Area*	1	7,000	7,000
Platform/Stage	1	1,500	1,500
Stage Storage	1	100	100
Choir Classroom	1	1,500	1,500
Band/Orchestra Classroom	1	1,800	1,800
Instrument Storage	1	180	180
Rehearsal Room	1	200	200
Practice Rooms	2	80	160
Office	1	120	120
Art Lab**	1	1,200	1,200
Art Storage	1	200	200
Office	1	120	120
Campus/Emergency Bin Storage	1	400	400
Extended Day Program Office	1	150	150
Multi-Purpose/Fine Arts Subtotal			**14,630**

*The size of the Multi-Purpose Room is based on a student population of 1,000 students. Actual size of the space needs to be based on actual school capacity and enrollment. Review each campus individually to determine actual size.

Multi-Purpose Room - 1,200 Students   8,400 SF

**Two Art Labs will be needed for 1,200 student campus.

MIDDLE SCHOOL

MULTI-PURPOSE / FINE ARTS ADJACENCY

Office

Control Booth

MULTI-PURPOSE ROOM

Seating Area

Storage

Platform / Stage

Band / Orchestra Classroom

Office

Art Storage

Practice

Practice

Office

Choir Classroom

Art Lab / Classroom

Rehearsal

Instrument Storage

MIDDLE SCHOOL

MULTI-PURPOSE / FINE ARTS
SPACE DESCRIPTIONS & RELATIONSHIPS

MULTI-PURPOSE ROOM/SEATING AREA

General Concept and Activities
All students can receive music education in JUSD. As such, spaces to support this program are needed in the district's middle schools. Spaces should include classroom space and performance space.

The MPR is also used for student dining as a space for students to have meals as well as assemblies, and collaborative lessons. Access to MPR from outside should be provided due to after-hours use by community.

Primary and Secondary Uses
Students
Staff
Parents
Community

Relationship and Organization
Multi-purpose room shall be located close to Fine Arts spaces with direct adjacency to stage. Public restrooms to be accessed from the MPR and the exterior for use during off school hours. Design consideration should be given to providing outdoor learning environments directly adjacent to the music and art classrooms, such as shaded areas, seating, and built in display areas. The multi-purpose room should be located close to parking for parent after hour use.

Since the space is also used for student dining, should be adjacent to Nutrition Services spaces with direct access to the outdoor dining space.

Features of the Space
The Multi-purpose room should be designed to provide the setting for all music programs. Provide quality sound, lighting and acoustic systems. The space should also have integrated technology that supports performance and assembly activities, such as video projection, recording capabilities during performances, and enhanced sound systems.

The MPR should be able to open into the interior courtyard which can be used as a pre-function area, or to accommodate additional seating for large gatherings and outdoor dining. Because of the multiple functions of the MPR, consider durable finishes and the acoustic qualities of the large space.

The space should be sized to accommodate the entire student population at once time for performances.

ENVIRONMENTAL SOUND CONTROL
• Walls: minimum STC 50
• Ceilings: minimum CAC 35, NRC .70
• Quiet HVAC systems
• High quality acoustic properties in all the spaces and adjoining walls

WRITING/DISPLAY SPACES
• Tackboards
• Art displays and graphics

FLOORING
• Carpet Tiles

WINDOWS/DOORS
• Windows: Aluminum frame/storefront, with insulating clear glazing. Low-E glazing where applicable. Roller window shades/ blinds.
• Doors (Exterior): Metal Poly Core with vision-lite; HM or aluminum frame
• Doors (Interior): Solid Wood Core with vision-lite; HM or aluminum frame.
• Access control to be provided as well.

CASEWORK
• Stage lighting
• Video system
• Curtain at Platform opening
• Speakers and microphones
• Assistive listening devices

LIGHTING
• Natural daylighting
• Overhead fixtures
• Energy efficient light switches
• Light sensors

PLUMBING
• Water to drinking fountains with bottle filling capabilities

ELECTRICAL/DATA
• Wireless Access Point(s)
• Ceiling mounted speakers and sound system
• Intrusion detection system
• Audio visual player
• Clock system
• Electrical duplex outlets at all data ports
• (4) Flush Floor mounted data outlet (1) port placed throughout; for video recording during productions and day-to-day instruction or assembly activities
• Data outlet (1) port, wall mounted back of the room, two data outlets (2) port on each side wall: 8 total data access points

HVAC
• Energy efficient HVAC unit pack located outside pace to avoid mechanical noise
• Digital display thermostats with override capability and temperature adjustment (with preset limits)

TECHNOLOGY / COMMUNICATIONS
• Wireless Access Point(s).
• One (1) mounted projection device.
• Large electric drop-down presentation screen

FURNITURE FOR THE SPACE
• Folding or flip-top tables on locking casters to seat up to 8 students.
• High density stacking chairs
• Mobile carts for stacking chairs

MIDDLE SCHOOL

MULTI-PURPOSE / FINE ARTS SPACE DESCRIPTIONS & RELATIONSHIPS

PLATFORM / STAGE

General Concept and Activities
The stage/platform is used as a performance space as well as presentation space.

Primary and Secondary Uses
Staff
Teachers
Students

Relationship and Organization
The stage should be able to open up to an exterior, shaded amphitheater area that could be utilized for school wide assemblies, and parent event gatherings. A back-of-house circulation corridor should be provided to link the Music Classroom, the Multi-Purpose Room and the Stage Platform

Features of the Space

ENVIRONMENTAL SOUND CONTROL
- Walls: minimum STC 50
- Ceilings: minimum CAC 35, NRC .70
- Quiet HVAC systems
- High quality acoustic properties in all the spaces and adjoining walls

WRITING/DISPLAY SPACES
- Small markerboard

FLOORING
- Raised wood floor

WINDOWS/DOORS
- None

CASEWORK
- None

LIGHTING
- Stage lighting
- Lighting appropriate for performances and assembly events

PLUMBING
- None

ELECTRICAL/DATA
- Ceiling mounted speakers/sound system
- Audio visual player
- Flush Floor mounted data outlet (2) port, microphone and TV points placed at front of platform
- One data outlet (2) port on each wall - 6 total, exclude wall into MPR

HVAC
- Energy efficient HVAC unit pack located outside space to avoid mechanical noise
- Digital display thermostats with override capability and temperature adjustment (with preset limits)

TECHNOLOGY / COMMUNICATIONS
- Wireless Access Point(s)

FURNITURE FOR THE SPACE
- Portable risers
- Music chairs

MIDDLE SCHOOL

MULTI-PURPOSE / FINE ARTS
SPACE DESCRIPTIONS & RELATIONSHIPS

OFFICE(S)

General Concept and Activities
The fine arts offices will be used by Fine Arts teachers while the EDP office will be used for the Director of Extended Day Program. Meeting with parents, students and other staff will be held in this space.

Primary and Secondary Users
Staff
Parents
Students

Relationship and Organization
The Fine Arts offices should be close to the multi-purpose space as well as Music Classroom/Lab, Band and Art and should be accessed by students easily and the EDP office should be located adjacent to the multi-purpose room.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
- Walls: minimum STC 50
- Ceilings: minimum CAC 35, NRC .70

WRITING / DISPLAY SPACES
- Tackboard

FLOORING
- Carpet Tiles

WINDOWS / DOORS
- Hollow Metal (HM) or aluminum frame/ storefront, with insulating clear glazing. Low-E glazing where applicable. Roller window shades/ blinds.
- Doors (Interior): Solid Wood Core with vision-lite; HM or aluminum frame.

- Hardware: Thumb-locks to allow Classrooms to be locked from the inside without the use of a key.
- Access control to be provided as well.

CASEWORK
- File Cabinets (lockable)

LIGHTING
- Natural daylighting
- Overhead fixtures - indirect, if possible
- Energy efficient light switches
- Light sensors

PLUMBING
- None

ELECTRICAL/DATA
- One duplex receptacle on each wall in addition to power/data for printer.
- Provide two (2) duplex/data locations on perpendicular walls for multiple desk layout options.
- Provide additional data and power if copier/printer is provided in office. Confirm with JUSD.

HVAC
- Energy efficient HVAC unit pack

TECHNOLOGY / COMMUNICATIONS
- Wireless Access Point(s)

FURNITURE FOR THE SPACE
- Desk and chair
- Guest seating (2-4)

MIDDLE SCHOOL

MULTI-PURPOSE / FINE ARTS
SPACE DESCRIPTIONS & RELATIONSHIPS

STAGE STORAGE

General Concept and Activities
Storage for materials, scenes/set used for stage/platform performances and presentations.

Primary and Secondary Uses
Staff

Relationship and Organization
Adjacent to stage.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
- Walls: minimum STC 50
- Ceilings: minimum CAC 35, NRC .70

WRITING/DISPLAY SPACES
- None

FLOORING
- Carpet Tiles

WINDOWS/DOORS
- Doors (Interior): Solid Wood Core with vision-lite; HM or aluminum frame.

CASEWORK
- None

LIGHTING
- Overhead fixtures
- Energy efficient light switches
- Light sensors

PLUMBING
- None

ELECTRICAL/DATA
- None

HVAC
- Energy efficient HVAC unit pack

TECHNOLOGY / COMMUNICATIONS
- None

FURNITURE FOR THE SPACE
- None

MIDDLE SCHOOL

MULTI-PURPOSE / FINE ARTS
SPACE DESCRIPTIONS & RELATIONSHIPS

CHOIR CLASSROOM

General Concept and Activities

The choir classroom should support everyday choral instruction, and should include all necessary support spaces for this program. This specification includes two dedicated spaces for music instruction. This space should support every day music instruction, should include storage. The space can also have multiple use, as it can be used as a green room or staging room during performances.

Primary and Secondary Uses

Students
Teachers

Relationship and Organization

The classroom should be located close to multi-purpose room and adjacent to other Fine Arts spaces.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
- Walls: minimum STC 50
- Ceilings: minimum CAC 35, NRC .70
- High quality acoustic properties in all the spaces and adjoining walls

WRITING/DISPLAY SPACES
- Magnetic whiteboard - one 12' markerboard flanked by two 4' markerboards (one 4' with staff)
- Tackboards on all other walls

FLOORING
- Carpet Tiles

WINDOWS/DOORS
- Doors (Interior): Solid Wood Core with vision-lite; HM or aluminum frame.
- Hardware: Thumb-locks to allow Classrooms to be locked from the inside without the use of a key.
- Access control to be provided as well.

CASEWORK
- Two (2) tall storage units

LIGHTING
- Overhead fixtures
- Energy efficient light switches and sensors

PLUMBING
- None

ELECTRICAL/DATA
- Ceiling mounted speakers
- Audio visual player
- Clock system
- Telephone/intercom
- Three (3) power/data for staff and students

HVAC
- Energy efficient HVAC unit pack located outside office to avoid mechanical noise

TECHNOLOGY / COMMUNICATIONS
- Wireless Access Point(s)
- One (1) mounted projection device

FURNITURE FOR THE SPACE
- High density sheet music cabinet
- 30 Stackable chairs
- Teacher desk and chair
- Piano (1)
- Music Stands & Risers

MIDDLE SCHOOL

MULTI-PURPOSE / FINE ARTS
SPACE DESCRIPTIONS & RELATIONSHIPS

BAND/ORCHESTRA ROOM

General Concept and Activities
This band/orchestra room is for music instruction. This space to be used for group instruction for students in the band and orchestra programs.

Primary and Secondary Uses
Students
Teachers

Relationship and Organization
This room should be located close to multi-purpose room and adjacent to other Fine Arts spaces.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
- Walls: minimum STC 50
- Ceilings: minimum CAC 35, NRC .70
- High quality acoustic properties in all the spaces and adjoining walls

WRITING/DISPLAY SPACES
- (2) Fixed whiteboards (one with music staff lines
- Tackboard

FLOORING
- Resilient flooring

WINDOWS/DOORS
- Doors (Interior): Solid Wood Core with vision-lite; HM or aluminum frame.
- Hardware: Thumb-locks to allow Classrooms to be locked from the inside without the use of a key.

CASEWORK
- Two (2) tall storage units

LIGHTING
- Overhead fixtures
- Energy efficient light switches
- Light sensors

PLUMBING
- Drinking fountains with bottle filling capability

ELECTRICAL/DATA
- Ceiling mounted speakers
- Audio visual player
- Clock system
- Telephone
- Three (3) power/data for staff and students

HVAC
- Energy efficient HVAC unit pack located outside office to avoid mechanical noise

TECHNOLOGY / COMMUNICATIONS
- Wireless Access Point(s)
- One (1) mounted projection device

FURNITURE FOR THE SPACE
- High density sheet music cabinet
- 30 Stackable chairs
- Teacher desk and chair
- Piano (1)
- Music Stands & Risers

MIDDLE SCHOOL

MULTI-PURPOSE / FINE ARTS SPACE DESCRIPTIONS & RELATIONSHIPS

REHEARSAL ROOM

General Concept and Activities
Rehearsal space for individuals or small groups.

Primary and Secondary Uses
Students
Teachers

Relationship and Organization
The space should be located adjacent to the Music Classroom/Lab and Band Room.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
- Walls: minimum STC 50
- Ceilings: minimum CAC 35, NRC .70

WRITING/DISPLAY SPACES
- Small whiteboard

FLOORING
- Resilient flooring

WINDOWS/DOORS
- Doors (Interior): Solid Wood Core with vision-lite; HM or aluminum frame.

CASEWORK
- None

LIGHTING
- Overhead fixtures
- Energy efficient light switches
- Light sensors

PLUMBING
- None

ELECTRICAL/DATA
- Electrical outlets on walls

HVAC
- Energy efficient HVAC unit pack

TECHNOLOGY / COMMUNICATIONS
- Wireless Access Point(s)

FURNITURE FOR THE SPACE
- Chairs or stools

MIDDLE SCHOOL

MULTI-PURPOSE / FINE ARTS
SPACE DESCRIPTIONS & RELATIONSHIPS

INSTRUMENT STORAGE

General Concept and Activities
Storage for music instruments.

Primary and Secondary Uses
Students
Teachers

Relationship and Organization
The space should be located adjacent to the Music Classroom.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
- Walls: minimum STC 50
- Ceilings: minimum CAC 35, NRC .70

WRITING/DISPLAY SPACES
- None

FLOORING
- Resilient flooring

WINDOWS/DOORS
- Doors (Interior): Solid Wood Core with vision-lite; HM or aluminum frame.

CASEWORK
- Wall mounted braces for large instruments
- Instrument storage cabinets (Wenger)

LIGHTING
- Overhead fixtures
- Energy efficient light switches
- Light sensors

PLUMBING
- None

ELECTRICAL/DATA
- Electrical outlets on walls

HVAC
- Energy efficient HVAC unit pack

TECHNOLOGY / COMMUNICATIONS
- None

FURNITURE FOR THE SPACE
- None

MIDDLE SCHOOL

MULTI-PURPOSE / FINE ARTS DESCRIPTIONS & RELATIONSHIPS

CTE/ELECTIVE STORAGE

General Concept and Activities
Storage for materials and supplies.

Primary and Secondary Uses
Staff
Students

Relationship and Organization
Adjacent to CTE/Elective classroom

Features of the Space

ENVIRONMENTAL SOUND CONTROL
• Walls: minimum STC 50
• Ceilings: minimum CAC 35, NRC .70

WRITING/DISPLAY SPACES
• None

FLOORING
• Resilient flooring

WINDOWS/DOORS
• Doors (Interior): Solid Wood Core with vision-lite; HM or aluminum frame.

CASEWORK
• None

LIGHTING
• Overhead fixtures
• Energy efficient light switches
• Light sensors

PLUMBING
• None

ELECTRICAL/DATA
• One (1) electrical outlet on each wall

HVAC
• Energy efficient HVAC unit pack

TECHNOLOGY / COMMUNICATIONS
• None

FURNITURE FOR THE SPACE
• None

MIDDLE SCHOOL

MULTI-PURPOSE / FINE ARTS
SPACE DESCRIPTIONS & RELATIONSHIPS

CTE/ELECTIVE CLASSROOM

General Concept and Activities
The CTE/Elective Classroom will serve all grade levels on campus. Students will work on all media types. Projects and activities will include individual as well as group activities.

Primary and Secondary Uses
Students
Teachers

Relationship and Organization
The Art Lab should be adjacent to Art Storage and near other Fine Art program spaces.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
- Walls: minimum STC 50
- Ceilings: minimum CAC 35, NRC .70
- High quality acoustic properties in all the spaces and adjoining walls

WRITING/DISPLAY SPACES
- Magnetic whiteboard - one 12' markerboard flanked by two 4' markerboards (one 4' with staff)
- Tackboards on all other walls

FLOORING
- Carpet tiles or resilient flooring (depending on the program)

WINDOWS/DOORS
- Windows: Aluminum frame/storefront, with insulating clear glazing. Low-E glazing where applicable. Roller window shades/ blinds.
- Doors (Exterior): Metal Poly Core with vision-lite; HM or aluminum frame
- Doors (Interior): Solid Wood Core with vision-lite; HM or aluminum frame.

CASEWORK
- 2' deep counter and lower cabinets
- Upper cabinets
- Provide a minimum of 2 sinks, 1 HC accessible-1 deep sink (gooseneck faucet) and plaster trap
- Display case outside room
- Kiln and Vent in storage room

LIGHTING
- Maximize natural lighting options
- Overhead fixtures
- Energy efficient light switches & sensors

PLUMBING
- Cold water to sinks

ELECTRICAL/DATA
- Ceiling mounted speakers
- Audio visual player
- Clock system
- Telephone/intercom (except MPR)
- One data outlet (2) ports on each wall: 8 total data access points
- Dedicated electrical outlets for equipment (potter wheels, etc.)

HVAC
- Energy efficient HVAC unit pack located outside office to avoid mechanical noise
- Digital display thermostats with override capability and temperature adjustment (with preset limits)
- Manual exhaust

TECHNOLOGY / COMMUNICATIONS
- Wireless Access Point(s)
- One (1) mobile projection device

FURNITURE FOR THE SPACE
- Adjustable height tables on lockable casters
- Adjustable height seats
- Teacher desk and chair
- Easels
- Potter wheels
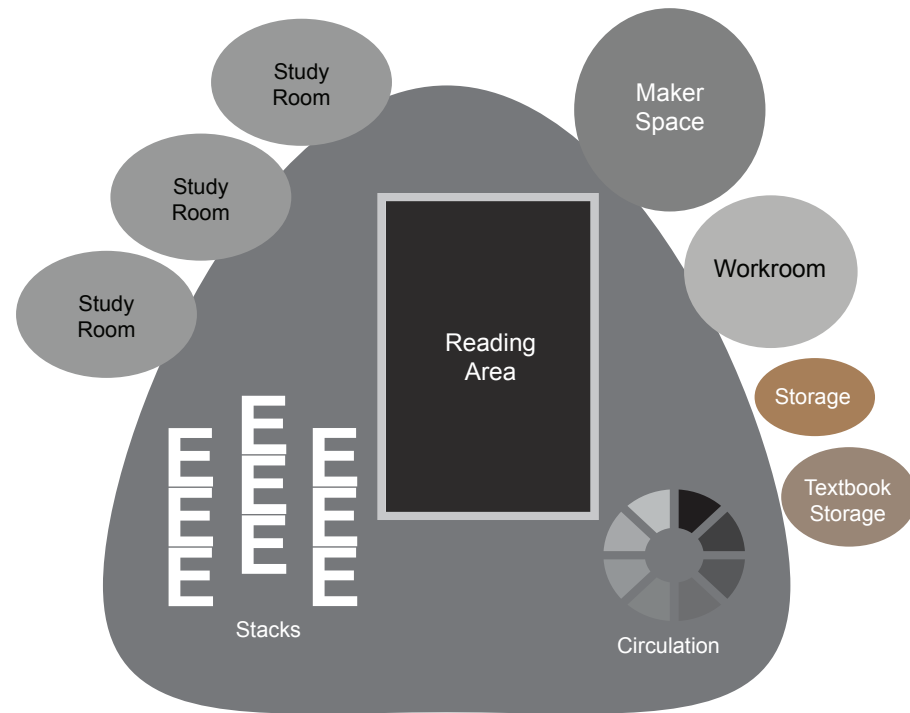- Stools
- Art drying racks

MIDDLE SCHOOL

MEDIA CENTER / LIBRARY

MIDDLE SCHOOL

MEDIA CENTER / LIBRARY PROGRAM OF SPACES

SPACE	Qty	Space/SF	TOTAL AREA
Circulation Desk	1	200	200
Library Workroom	1	200	200
Storage	1	100	100
Media/Textbook Storage	1	200	200
Reading Area	1	1,800	1,800
Stacks	1	1,000	1,000
Study Rooms	3	150	450
Makerspace	1	800	800
Media Center/Library Subtotal			**4,750**

MIDDLE SCHOOL

MEDIA CENTER / LIBRARY ADJACENCY

Study Room

Study Room

Study Room

Maker Space

Workroom

Reading Area

Storage

Textbook Storage

Stacks

Circulation

MIDDLE SCHOOL

MEDIA CENTER / LIBRARY
SPACE DESCRIPTIONS & RELATIONSHIPS

LIBRARY (Reading Area, Stacks)

General Concept and Activities

The Library/ Media Center is considered the "Campus Hub" of the school. It is centrally located to promote staff, student and community interaction. It should be an area to gather and collaborate, display student work and promote current events at the school. The design of the Library/ Media Center should encourage active learning experiences through the introduction of varied settings and flexible furniture. Given its importance as the campus hub, wayfinding should be clear to this space for all users, including staff, students and community members.

The library/media center shall be a digitally rich environment, where students gain access to information through varied media. Access to portable devices is essential in this space, but should not be the only means of information gathering. With this in mind, JUSD believes there are still tangible qualities of books that cannot be replaced with digital devices.

The Library/ Media Center should be a highly flexible space for collaboration, multimodal learning and should provide ubiquitous access to mobile technologies. It should be a welcoming, comfortable environment that supports multiple concurrent activities, departing from the traditional quiet library model. The space should support active small group activities, quiet reading, research, make activities, and independent work.

Primary and Secondary Uses
Students
Teachers
Community

Relationship and Organization
Layout Library/ Media center to provide adequate transparency between spaces for ease of supervision Provide views to exterior, but provide ability to darken as needed. Incorporate wayfinding features such as different colors and graphics to identify makerspace.

Features of the Space

Recommended Exemplary Quantitative Standards*

Book Type	Square Feet
Pleasure Reading	32-45 per seat
Computing	36-45 per workstation

Recommended Approximate Shelving Dimensions*

Shelving	Approximate Height
3 Shelves	42" - 48" (36", if available)

Shelving Depths	Holds
10"	Standard size books
12"	Reference, picture books
15"	Multi-media

*Reference: "Standards and Guidelines for Strong School Libraries" by the California School Library Association.

ENVIRONMENTAL SOUND CONTROL
- Walls: minimum STC 50
- Ceilings: minimum CAC 35, NRC .70
- Quiet HVAC systems
- Provide high quality acoustic properties in all the spaces and adjoining walls

WRITING/DISPLAY SPACES
- Tackboard
- Display cases and cubes

FLOORING
- Carpet Tiles

WINDOWS/DOORS
- Windows: Hollow Metal (HM) or aluminum frame/ storefront, with insulating clear glazing. Low-E glazing where applicable. Roller window shades/ blinds. Operable window between Workroom and Library for supervision
- Doors (Exterior): Metal Poly Core with full vision-lite and HM or aluminum frame.
- Doors (Interior): Solid Wood Core with full vision-lite and HM or aluminum frame

CASEWORK
- None

LIGHTING
- Natural daylighting through glazing with easily adjustable baffles for control of light, along with daylight sensors to better manage electricity usage.
- Energy efficient light switches

PLUMBING
- None

ELECTRICAL/DATA
- (8) Flush floor mounted data outlet (2) port placed evenly throughout for flexible furniture arrangements
- Wall mounted data outlets (2) port, approximately 2 per wall
- Wall mounted clocks
- Ceiling mounted speakers
- Mobile devices charging station on casters
- Circulation Desk: Data outlet ports for (1) computer station, (1) port for printer
- Data/electrical for self check-out area

HVAC
- Energy efficient HVAC unit pack located outside office to avoid mechanical noise
- Digital display thermostats with override capability and temperature adjustment (with preset limits)

TECHNOLOGY / COMMUNICATIONS
- Wireless Access Point(s)
- Projection Device

FURNITURE FOR THE SPACE
- Provide furnishings with adjustable heights to accommodate various students
- 4-6 person tables and chairs (moveable) for study and small group work
- Soft seating (flexible and mobile) for reading.
- Book cart
- (1) Task chair at circulation desk
- Movable circulation desk
- Permanent and movable shelving

MIDDLE SCHOOL

MEDIA CENTER / LIBRARY
SPACE DESCRIPTIONS & RELATIONSHIPS

MAKERSPACE

General Concept and Activities
The makerspace will allow for students the ability to create, tinker and ideate. This space will be a messy, ideation space for all students in the school to use for bringing their ideas to life.

Primary and Secondary Uses
Students
Staff
Community

Relationship and Organization
Locate adjacent to the Library/Media Center.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
- Walls: minimum STC 50
- Ceilings: minimum CAC 35, NRC .70
- Quiet HVAC systems
- Provide high quality acoustic properties in all the spaces and adjoining walls

WRITING/DISPLAY SPACES
- Two (2) fixed whiteboards

FLOORING
- Sealed concrete

WINDOWS/DOORS
- Windows: Hollow Metal (HM) or aluminum frame/ storefront, with insulating clear glazing. Low-E glazing where applicable. Roller window shades/ blinds.
- Doors (Exterior): Metal Poly Core with full vision-lite and HM or aluminum frame.
- Doors (Interior): Solid Wood Core with full vision-lite and HM or aluminum frame

CASEWORK
- Cabinet with deep sink

LIGHTING
- Natural daylighting through glazing with easily adjustable baffles for control of light, along with daylight sensors to better manage electricity usage.
- Lighting appropriate for reading in Library
- Energy efficient light switches
- Provide darkening shades for the ability to darken space for presentations

PLUMBING
- Water to sink

ELECTRICAL/DATA
- Ceiling mounted speakers
- Intrusion detection system
- Audio visual player
- Clock system
- Telephone/intercom
- Electrical quad outlets at all data ports
- (6) Coiling electrical power reels
-
- Lockable mobile devices charging station on casters

HVAC
- Energy efficient HVAC unit pack located outside office to avoid mechanical noise
- Digital display thermostats with override capability and temperature adjustment (with preset limits)

TECHNOLOGY / COMMUNICATIONS
- Wireless Access Point(s)
- Projection device

FURNITURE FOR THE SPACE
- Mobile tables and chairs (could be on casters)
- Stations for technology support
- Mobile shelving units
- 3-D printers
- Storage units with tote trays of different sizes

MIDDLE SCHOOL

MEDIA CENTER / LIBRARY
SPACE DESCRIPTIONS & RELATIONSHIPS

WORKROOM

General Concept and Activities
The workroom may be used by the teaching staff to support the operation of the library. Staff will use the space to clean and prep books for circulation, sorting returned materials, and storing materials and equipment.

Primary and Secondary Uses
Staff
Students

Relationship and Organization
This space should be located adjacent to the main library space with access to exterior corridor/hallway.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
- Walls: minimum STC 50
- Ceilings: minimum CAC 35, NRC .70

WRITING / DISPLAY SPACES
- Tackboard

FLOORING
- Resilient flooring

WINDOWS / DOORS
- Hollow Metal (HM) or aluminum frame/ storefront, with insulating clear glazing. Low-E glazing where applicable. Roller window shades/ blinds.
- Doors (Interior): Solid Wood Core with vision-lite; HM or aluminum frame.

- Hardware: Thumb-locks to allow Classrooms to be locked from the inside without the use of a key.
- Access control to be provided as well.

CASEWORK
- Tall cabinet and wardrobe for storage
- Loose shelving (not fixed) for flexibility of space
- Built-in counter height cabinet

LIGHTING
- Overhead fixtures - indirect, if possible
- Energy efficient light switches
- Light sensors

PLUMBING
- None

ELECTRICAL/DATA
- Two (2) duplex/data receptacles on each wall above cabinets.
- Dedicated power for copier

HVAC
- Energy efficient HVAC unit pack

TECHNOLOGY / COMMUNICATIONS
- Wireless Access Point(s)
- Technology charging station

FURNITURE FOR THE SPACE
- Workstation with storage
- Task chair
- Book cart

MIDDLE SCHOOL

MEDIA CENTER / LIBRARY
SPACE DESCRIPTIONS & RELATIONSHIPS

MEDIA/TEXTBOOK STORAGE

General Concept and Activities
Storage for library materials as well as separate space for textbook surplus storage. This space should be adaptable as the use of textbooks diminishes.

Primary and Secondary Uses
Staff

Relationship and Organization
Adjacent to main library area, near circulation desk.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
- Walls: minimum STC 50
- Ceilings: minimum CAC 35, NRC .70

WRITING/DISPLAY SPACES
- Small tackboard

FLOORING
- Carpet Tiles

WINDOWS/DOORS
- Doors (Interior): Solid Wood Core with vision-lite; HM or aluminum frame.

CASEWORK
- None

LIGHTING
- Overhead fixtures
- Energy efficient light switches
- Light sensors

PLUMBING
- None

ELECTRICAL/DATA
- 3-4 duplex receptacles on each wall for technology charging.

HVAC
- Energy efficient HVAC unit pack

TECHNOLOGY / COMMUNICATIONS
- None

FURNITURE FOR THE SPACE
- Shelves for book storage

MIDDLE SCHOOL

MEDIA CENTER / LIBRARY
SPACE DESCRIPTIONS & RELATIONSHIPS

STUDY ROOMS

General Concept and Activities
The Study Rooms would provide space that could be used by students, library staff and other teaching staff for small meetings and tutoring. The room will need to be flexible with seating and set up.

Primary and Secondary Uses
Staff
Parents
Students

Relationship and Organization
This space should be located with direct access to the main library space.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
• Walls: minimum STC 50
• Ceilings: minimum CAC 35, NRC .70

WRITING / DISPLAY SPACES
• Tackboards

FLOORING
• Carpet Tiles

WINDOWS / DOORS
• Hollow Metal (HM) or aluminum frame/ storefront, with insulating clear glazing. Low-E glazing where applicable. Roller window shades/ blinds.
• Doors (Interior): Solid Wood Core with vision-lite; HM or aluminum frame.

CASEWORK
• None

LIGHTING
• Natural daylighting
• Overhead fixtures - indirect, if possible
• Energy efficient light switches
• Light sensors

PLUMBING
• None

ELECTRICAL/DATA
• Duplex/data receptacles on each wall in addition to power for computer/printer
• Duplex receptacle under conference table (flush with floor)

HVAC
• Energy efficient HVAC unit pack

TECHNOLOGY / COMMUNICATIONS
• Wireless Access Point(s)

FURNITURE FOR THE SPACE
• Round Table
• 1-4 Chairs
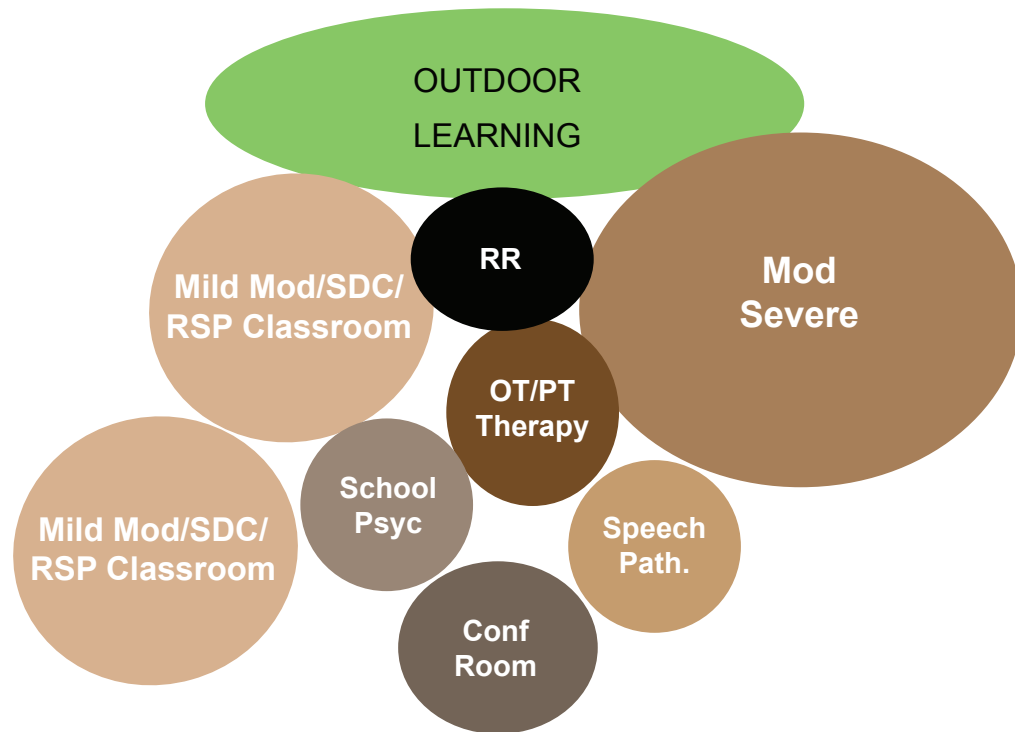
MIDDLE SCHOOL

SPECIAL EDUCATION

MIDDLE SCHOOL

SPECIAL EDUCATION PROGRAM OF SPACES

SPACE	Qty	Space/SF	TOTAL AREA
Mild Moderate/SDC/RSP Classroom	2*	960	2,160
Mod Severe Classroom	1	1,080	1,080
Restroom	1	200	200
OT/PT Therapy	1	200	200
Speech & Language Pathologist	1	200	200
School Psychologist	1	150	150
Conference Room	1	200	200
Special Education Subtotal			**3,950**

*Confirm actual number of classrooms by campus. JUSD has mainstreamed Special Education, therefore no Special Education spaces will be provided unless there is a mod/severe/functional skills program housed at a specific site.

MIDDLE SCHOOL

SPECIAL EDUCATION ADJACENCY

OUTDOOR LEARNING

RR

Mild Mod/SDC/ RSP Classroom

Mod Severe

OT/PT Therapy

School Psyc

Mild Mod/SDC/ RSP Classroom

Speech Path.

Conf Room

MIDDLE SCHOOL

SPECIAL EDUCATION SPACE DESCRIPTIONS & RELATIONSHIPS

SPECIAL EDUCATION CLASSROOMS

General Concept and Activities

The goal of the special education department is to provide a comfortable and safe environment for students to seek extra help, or that may need extra help. JUSD's goal is to integrate special needs students with their general education peers, providing assessment and instruction in the least restrictive environments and co-located with their peers.

The classrooms need to include the same inclusions of general education classrooms. A restroom needs to be available for use by the Mod/Severe classroom, and it needs to accommodate a lift. The need for inclusion of the Mod Severe classrooms to be confirmed by JUSD. Access to a fenced in outdoor area for gardening is also a need

All classrooms to include an area for 'cool down' and quiet space. Color and acoustics in these areas shall be reviewed with the District.

Classrooms should be designed to allow for privacy areas for testing or focused instruction by teaching aides, while still maintaining visibility from main teacher. Furniture may help provide options for this. Review layouts with JUSD.

Primary and Secondary Uses

Students
Teachers
Parents

Relationship and Organization

The Special Education program should be centrally located on the campus to allow for easy access by all grade levels. The Mild/Mod Classroom should be mainstreamed with the rest of the classrooms. Easy access to a drop off area is also needed for the Mod/Severe classroom

Features of the Space

ENVIRONMENTAL SOUND CONTROL
- Walls: minimum STC 50
- Ceilings: minimum CAC 35, NRC .70
- Quiet HVAC systems
- Provide quality acoustic properties conducive for instructional purposes in all spaces and adjoining walls.

WRITING/DISPLAY SPACES
- 16' markerboard

FLOORING
- Carpet Tiles

WINDOWS/DOORS
- Windows: Hollow Metal (HM) or aluminum frame/ storefront, with insulating clear glazing. Low-E glazing where applicable. Roller window shades/ blinds
- Doors (Interior): Solid Wood Core with vision-lite and HM or aluminum frame
- Hardware: Thumb-locks to allow Classrooms to be locked from the inside without the use of a key.

CASEWORK
- Lower and upper cabinets and tall cabinet, near teacher desk location with sink
- Exterior backpack hooks or mobile backpack storage unit

LIGHTING
- Natural daylighting through glazing with easily adjustable baffles for control of light, along with daylight sensors to better manage electricity usage.
- Provide window shades on all exterior windows; roller or blinds for light control
- Overhead light fixtures
- Energy efficient light switches

PLUMBING
- Water to sink

ELECTRICAL/DATA
- 1 (2) port and quad with communication, 2 locations for teacher desk location
- Wall mounted clock system
- Audio Visual (AV) player
- Telephone
- Electrical duplex outlets at each data port
- Ceiling mounted speaker
- Two (2) duplex receptacles along each wall
- Three (3) computer drops for teachers.
- Wall mounted outlet for intrusion detection motion sensor
- Additional electrical/ data ports as required for equipment

HVAC
- Energy efficient HVAC unit pack located outside office to avoid mechanical noise
- Digital display thermostats with override capability and temperature adjustment (with preset limits)

TECHNOLOGY / COMMUNICATIONS
- Wireless Access Point(s)

FURNITURE FOR THE SPACE
- Mobile student desks and chairs
- Mobile Teacher desk and chair
- Mobile lectern , adjustable height
- Mobile storage, file cabinets
- Soft seating
- Six (6) wobbly stools

MIDDLE SCHOOL

SPECIAL EDUCATION SPACE DESCRIPTIONS & RELATIONSHIPS

OT/PT THERAPY

General Concept and Activities
The OT/PT room will serve students that need specialized therapy in addition to their everyday learning activities.

Primary and Secondary Uses
Students
Teachers
Therapists

Relationship and Organization
The Special Education program should be centrally located on the campus to allow for easy access by all grade levels. The spaces should be close to other support and instructional spaces such as the library, and multi-purpose room. The Therapy room should be adjacent to the offices as well.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
- Walls: minimum STC 50
- Ceilings: minimum CAC 35, NRC .70
- Quiet HVAC systems
- Provide quality acoustic properties conducive for instructional purposes in all spaces and adjoining walls.

WRITING/DISPLAY SPACES
- One (1) fixed whiteboard

FLOORING
- Carpet Tiles

WINDOWS/DOORS
- Windows: Hollow Metal (HM) or aluminum frame/ storefront, with insulating clear glazing. Low-E glazing where applicable. Roller window shades/ blinds
- Doors (Interior): Solid Wood Core with vision-lite and HM or aluminum frame

CASEWORK
- One (1) 7' tall lockable storage cabinet

LIGHTING
- Provide window shades on all exterior windows; roller or blinds for light control
- Overhead light fixtures
- Energy efficient light switches
- Provide dimmable lighting

PLUMBING
- None

ELECTRICAL/DATA
- Two (2) duplex receptacles along each wall
- Three (3) computer drops for teachers.
- Wall mounted clock system
- Audio Visual player
- Telephone
- Ceiling mounted speaker
- Additional electrical/ data ports as required for equipment

HVAC
- Energy efficient HVAC unit pack located outside office to avoid mechanical noise
- Digital display thermostats with override capability and temperature adjustment (with preset limits)

TECHNOLOGY / COMMUNICATIONS
- Wireless Access Point(s)

FURNITURE FOR THE SPACE
- Floor mats
- Self-supporting swing; movable
- Table
- Chairs (2-3)

MIDDLE SCHOOL

SPECIAL EDUCATION SPACE DESCRIPTIONS & RELATIONSHIPS

SPEECH PATHOLOGIST

General Concept and Activities
This space will be used as office space for the school speech and language pathologist. The office should have flexibility to be used by other itinerant staff as necessary. Space should allow for staff to meet with a student for one-on-one discussions as well as meetings with parents.

Primary and Secondary Users
Teachers
Students

Relationship and Organization
This space should be close to the Mild Mod and Mod Severe classrooms.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
- Walls: minimum STC 50
- Ceilings: minimum CAC 35, NRC .70
- Provide for good acoustics in this space

WRITING / DISPLAY SPACES
- Tackboard
- Markerboard

FLOORING
- Carpet Tiles

WINDOWS / DOORS
- Hollow Metal (HM) or aluminum frame/ storefront, with insulating clear glazing. Low-E glazing where applicable. Roller window shades/ blinds.
- Doors (Interior): Solid Wood Core with vision-lite; HM or aluminum frame.
- Hardware: Thumb-locks to allow Classrooms to be locked from the inside without the use of a key.
- Access control to be provided as well.

CASEWORK
- None

LIGHTING
- Natural daylighting
- Overhead fixtures - indirect, if possible
- Energy efficient light switches
- Light sensors

PLUMBING
- None

ELECTRICAL/DATA
- One duplex receptacle on each wall in addition to power/data for printer.
- Provide two (2) duplex/data locations on perpendicular walls for multiple desk layout options.

HVAC
- Energy efficient HVAC unit pack

TECHNOLOGY / COMMUNICATIONS
- Wireless Access Point(s)

FURNITURE FOR THE SPACE
- Workstation with storage
- Task Chair
- Small Conference Table
- Guest Chairs (2-4)

MIDDLE SCHOOL

SPECIAL EDUCATION SPACE DESCRIPTIONS & RELATIONSHIPS

SCHOOL PSYCHOLOGIST

General Concept and Activities
This space will be used as office space for the school psychologist. The office should have flexibility to be used by other itinerant staff as necessary. Space should allow for staff to meet with a student for one-on-one discussions as well as meetings with parents.

Primary and Secondary Users
Teachers
Students

Relationship and Organization
This space should be close to the Mild/Mod and Mod/Severe classrooms.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
- Walls: minimum STC 50
- Ceilings: minimum CAC 35, NRC .70

WRITING / DISPLAY SPACES
- Tackboard

FLOORING
- Carpet Tiles

WINDOWS / DOORS
- Hollow Metal (HM) or aluminum frame/ storefront, with insulating clear glazing. Low-E glazing where applicable. Roller window shades/ blinds.
- Doors (Interior): Solid Wood Core with vision-lite; HM or aluminum frame.
- Hardware: Thumb-locks to allow Classrooms to be locked from the inside without the use of a key.
- Access control to be provided as well.

CASEWORK
- None

LIGHTING
- Natural daylighting
- Overhead fixtures - indirect, if possible
- Energy efficient light switches
- Light sensors

PLUMBING
- None

ELECTRICAL/DATA
- One duplex receptacle on each wall in addition to power/data for printer.
- Provide two (2) duplex/data locations on perpendicular walls for multiple desk layout options.

HVAC
- Energy efficient HVAC unit pack

TECHNOLOGY / COMMUNICATIONS
- Wireless Access Point(s)

FURNITURE FOR THE SPACE
- Workstation with storage
- Task Chair
- Small Conference Table
- Guest Chairs (2-4)

MIDDLE SCHOOL

SPECIAL EDUCATION SPACE DESCRIPTIONS & RELATIONSHIPS

RESTROOM

General Concept and Activities
Student Restrooms

Primary and Secondary Uses
Students
Teachers

Relationship and Organization
To be located with easy access to special education classrooms. Consider sight-lines and privacy for location.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
- Walls: minimum STC 50
- Ceilings: minimum CAC 35, NRC .70

WRITING/DISPLAY SPACES
- None

FLOORING
- Porcelain tile

WINDOWS/DOORS
- Doors (Interior): Solid Wood Core with vision-lite; HM or aluminum frame.
- No windows for privacy

CASEWORK
- Restroom accessories including mirror
- Changing table in Mod/Severe Classroom restroom
- Hoist in Mod/Severe Classroom restroom
- Hand sanitizer dispenser

LIGHTING
- Overhead fixtures
- Energy efficient light switches
- Light sensors

PLUMBING
- Cold water to sink
- Plumbing to toilet

ELECTRICAL/DATA
- GFCI outlets on one wall

HVAC
- Energy efficient HVAC unit pack
- Exhaust

TECHNOLOGY / COMMUNICATIONS
- None

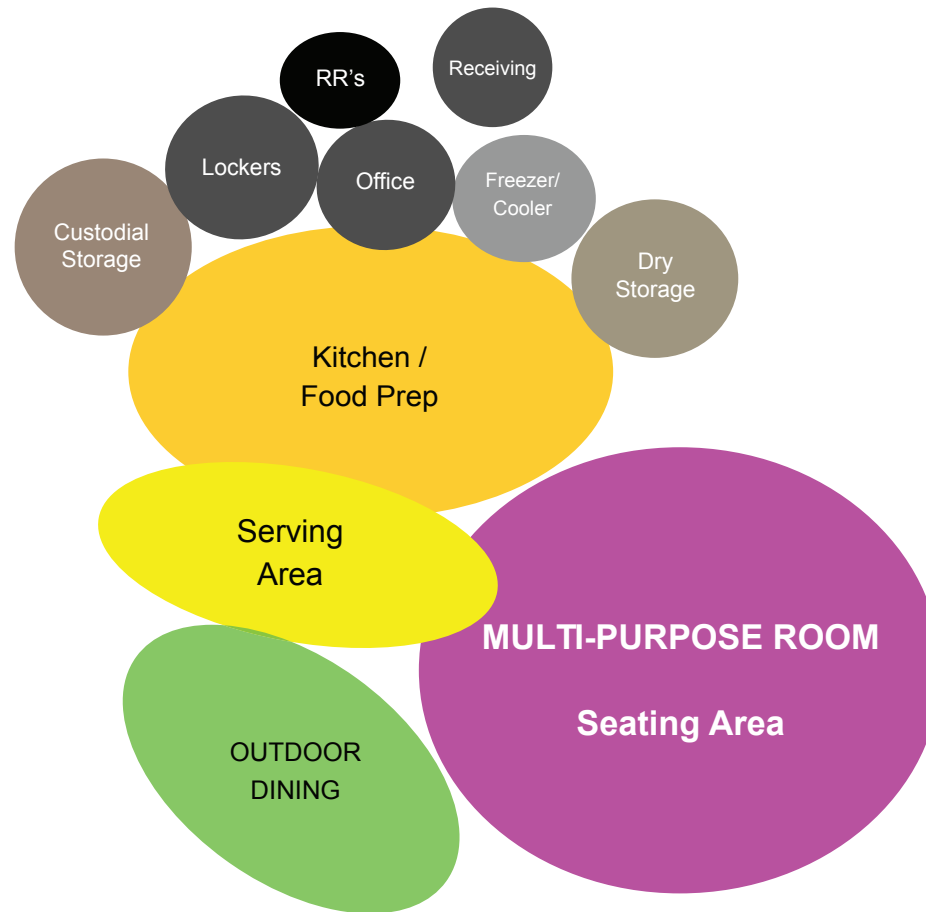FURNITURE FOR THE SPACE
- None

MIDDLE SCHOOL

NUTRITIONAL SERVICES

MIDDLE SCHOOL

NUTRITIONAL SERVICES PROGRAM OF SPACES

SPACE	Qty	Space/SF	TOTAL AREA
Kitchen/Food Prep	1	600	600
Freezer/Cooler	1	300	300
Dry Storage	1	220	220
Serving Area	1	900	900
Office	1	100	100
Lockers/Dressing	1	140	140
Restroom	1	80	80
Custodial Storage/Office	1	200	200
Receiving Area	1	80	80
Covered Outdoor Dining			
Nutritional Services Subtotal			**2,620**

MIDDLE SCHOOL

NUTRITIONAL SERVICES ADJACENCY

RR's

Receiving

Lockers

Office

Freezer/ Cooler

Custodial Storage

Dry Storage

Kitchen / Food Prep

Serving Area

MULTI-PURPOSE ROOM

Seating Area

OUTDOOR DINING

MIDDLE SCHOOL

NUTRITIONAL SERVICES SPACE DESCRIPTIONS & RELATIONSHIPS

SERVING AREA

General Concept and Activities
JUSD Nutritional Services' goal is to provide fresh nutritious meals made daily for all students. In order to do this the school's food service facility should have modern equipment, adequate space and the most efficient layout to optimize staff work flow and student access and serving. There are two lines with two speed serving lines for a total of four servings at Middle Schools.

Primary and Secondary Uses
Kitchen Staff

Relationship and Organization
There should be transparency into the serving room in order to better manage flow. Located adjacent to the food-prep area within the main kitchen area.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
- Walls: minimum STC 50
- Ceilings: minimum CAC 35, NRC .70

WRITING/DISPLAY SPACES
- Markerboard or Digital Menu Boards

FLOORING
- Quarry Tile

WINDOWS/DOORS
- Doors (Interior): Solid Wood Core with full vision-lite and HM or aluminum frame

CASEWORK
- To be specified by Food Service Consultant in conjunction with JUSD.

LIGHTING
- Overhead fixtures
- Energy efficient light switches

PLUMBING
- None

ELECTRICAL/DATA
- Flush floor data (2) ports for POS at end of each serving line - total 4 floor box locations
- Digital display for menu
- One data outlet per menu board.
- Ceiling mounted speakers
- Intrusion detection system
- Wall mounted clock system
- Additional electrical outlets as needed for equipment.

HVAC
- Energy efficient HVAC unit pack
- Digital display thermostats with override capability and temperature adjustment (with preset limits)

TECHNOLOGY / COMMUNICATIONS
- Wireless Access Point(s)

FURNITURE FOR THE SPACE
- To be specified by Food Service Consultant in conjunction with JUSD.

MIDDLE SCHOOL

NUTRITIONAL SERVICES SPACE DESCRIPTIONS & RELATIONSHIPS

KITCHEN/FOOD PREP

General Concept and Activities

JUSD Nutritional Services' goal is to provide fresh nutritious meals made daily for all students. In order to do this the school's food service facility should have modern equipment, adequate space and the most efficient layout to optimize staff work flow and student access and serving. Kitchen's are used for warming purposes.

Primary and Secondary Uses

Kitchen Staff
Custodial Staff

Relationship and Organization

Located adjacent to the serving lines within the main kitchen area.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
- Walls: minimum STC 50
- Ceilings: minimum CAC 35, NRC .70

WRITING/DISPLAY SPACES
- Small markerboard

FLOORING
- Quarry Tile

WINDOWS/DOORS
- Doors (Exterior): Metal Poly Core with full vision-lite and HM or aluminum frame.
- Doors (Interior): Solid Wood Core with full vision-lite and HM or aluminum frame

CASEWORK
- To be specified by Food Service Consultant in conjunction with JUSD.

LIGHTING
- Overhead fixtures
- Energy efficient light switches

PLUMBING
- To be specified by Food Service Consultant in conjunction with JUSD.

ELECTRICAL/DATA
- Ceiling mounted speakers
- Wall mounted clock system
- Additional electrical outlets as needed for equipment.

HVAC
- Energy efficient HVAC unit pack
- Exhaust
- Appropriate ventilation for equipment

TECHNOLOGY / COMMUNICATION
- Wireless Access Point(s)

FURNITURE FOR THE SPACE
- To be specified by Food Service Consultant in conjunction with JUSD.

MIDDLE SCHOOL

NUTRITIONAL SERVICES SPACE DESCRIPTIONS & RELATIONSHIPS

DRY STORAGE

General Concept and Activities
Storage space for dry goods for use in the preparation of food in the kitchen/food prep area.

Primary and Secondary Uses
Kitchen Staff
Custodial Staff

Relationship and Organization
Located in main kitchen area with easy access to corridor.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
- Walls: minimum STC 50
- Ceilings: minimum CAC 35, NRC .70

WRITING/DISPLAY SPACES
- None

FLOORING
- Quarry Tile

WINDOWS/DOORS
- Doors (Exterior): Metal Poly Core with full vision-lite and HM or aluminum frame.
- Doors (Interior): Solid Wood Core with full vision-lite and HM or aluminum frame

CASEWORK
- Industrial type Adjustable metal shelving, full height, adjustable and open

LIGHTING
- Overhead fixtures
- Energy efficient light switches

PLUMBING
- None

ELECTRICAL/DATA
- None

HVAC
- Energy efficient HVAC unit pack
- Digital display thermostats with override capability and temperature adjustment (with preset limits)

TECHNOLOGY / COMMUNICATIONS
- Wireless Access Point(s)
- Computer drop for supervisor at desk

FURNITURE FOR THE SPACE
- Line walls with shelving

MIDDLE SCHOOL

NUTRITIONAL SERVICES SPACE DESCRIPTIONS & RELATIONSHIPS

FREEZER/COOLER

General Concept and Activities
Walk-in Freezer/Cooler equipment to maintain cold temperatures for food.

Primary and Secondary Uses
Kitchen Staff
Custodial Staff

Relationship and Organization
Located within the main kitchen spaces - adjacent to food prep area.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
- Walls: minimum STC 50
- Ceilings: minimum CAC 35, NRC .70

WRITING/DISPLAY SPACES
- None

FLOORING
- To be specified by Food Service Consultant in conjunction with JUSD.

WINDOWS/DOORS
- To be specified by Food Service Consultant in conjunction with JUSD.

CASEWORK
- To be specified by Food Service Consultant in conjunction with JUSD.

LIGHTING
- Overhead fixtures
- Energy efficient light switches

PLUMBING
- To be specified by Food Service Consultant in conjunction with JUSD.

ELECTRICAL/DATA
- To be specified by Food Service Consultant in conjunction with JUSD.

HVAC
- None

TECHNOLOGY / COMMUNICATIONS
- None

FURNITURE FOR THE SPACE
- To be specified by Food Service Consultant in conjunction with JUSD.

MIDDLE SCHOOL

NUTRITIONAL SERVICES SPACE DESCRIPTIONS & RELATIONSHIPS

OFFICE

General Concept and Activities

Office space for supervisor/head of kitchen department. This space is for administrative duties as well as meetings with kitchen staff.

Primary and Secondary Uses

Kitchen Staff
Custodial Staff

Relationship and Organization

Located within the kitchen area with access to corridor.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
- Walls: minimum STC 50
- Ceilings: minimum CAC 35, NRC .70

WRITING/DISPLAY SPACES
- Fixed whiteboard

FLOORING
- Sealed concrete or Carpet Tiles

WINDOWS/DOORS
- Windows: Hollow Metal (HM) or aluminum frame/ storefront, with insulating clear glazing. Low-E glazing where applicable. Roller window shades/ blinds.
- Doors (Interior): Solid Wood Core with full vision-lite and HM or aluminum frame

CASEWORK
- None

LIGHTING
- Overhead fixtures
- Lighting appropriate for computer work
- Energy efficient light switches

PLUMBING
- None

ELECTRICAL/DATA
- One duplex receptacle on each wall in addition to power/data for printer.
- Provide two (2) duplex/data locations on perpendicular walls for multiple desk layout options.

HVAC
- Energy efficient HVAC unit pack
- Digital display thermostats with override capability and temperature adjustment (with preset limits)

TECHNOLOGY / COMMUNICATIONS
- Wireless Access Point(s)

FURNITURE FOR THE SPACE
- Desk and chair
- File cabinet
- Safe

MIDDLE SCHOOL

NUTRITIONAL SERVICES SPACE DESCRIPTIONS & RELATIONSHIPS

LOCKERS/DRESSING

General Concept and Activities
Locker room and dressing space for kitchen/custodial staff to store personal belongings as well as change clothes before/after shift.

Primary and Secondary Uses
Kitchen Staff
Custodial Staff

Relationship and Organization
Located within kitchen area within close proximity to restrooms.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
- Walls: minimum STC 50
- Ceilings: minimum CAC 35, NRC .70

WRITING/DISPLAY SPACES
- None

FLOORING
- Sealed concrete

WINDOWS/DOORS
- Doors (Exterior): Metal Poly Core with full vision-lite and HM or aluminum frame.
- Doors (Interior): Solid Wood Core with full vision-lite and HM or aluminum frame

CASEWORK
- Hand sanitizer dispenser

LIGHTING
- Overhead fixtures
- Energy efficient light switches

PLUMBING
- None

ELECTRICAL/DATA
- Electrical duplex outlets at all data ports
- Wall mounted clock
- Speakers
- Wall mounted data outlets (2) port, approximately 2 per wall

HVAC
- Energy efficient HVAC unit pack

TECHNOLOGY / COMMUNICATIONS
- Wireless Access Point(s)

FURNITURE FOR THE SPACE
- Six (6) full height lockers

MIDDLE SCHOOL

NUTRITIONAL SERVICES SPACE DESCRIPTIONS & RELATIONSHIPS

CUSTODIAL OFFICE/STORAGE

General Concept and Activities
Custodial office/storage room shall serve as a space for administrative duties for Head Custodian as well as storage of supplies and equipment.

Primary and Secondary Uses
Custodial Staff

Relationship and Organization
Located in main kitchen area with easy access to corridor.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
- Walls: minimum STC 50
- Ceilings: minimum CAC 35, NRC .70

WRITING/DISPLAY SPACES
- None

FLOORING
- Sealed concrete or Carpet Tiles

WINDOWS/DOORS
- Doors (Exterior): Metal Poly Core with full vision-lite and HM or aluminum frame.
- Doors (Interior): Solid Wood Core with full vision-lite and HM or aluminum frame

CASEWORK
- Industrial type Adjustable metal shelving, full height, adjustable and open

LIGHTING
- Overhead fixtures
- Energy efficient light switches

PLUMBING
- None

ELECTRICAL/DATA
- One duplex receptacle on each wall in addition to power/data for printer.
- Provide two (2) duplex/data locations on perpendicular walls for multiple desk layout options.

HVAC
- Energy efficient HVAC unit pack
- Exhaust

TECHNOLOGY / COMMUNICATIONS
- Wireless Access Point(s)
- Computer drop for supervisor at desk

FURNITURE FOR THE SPACE
- Desk and chair
- File cabinet

MIDDLE SCHOOL

NUTRITIONAL SERVICES SPACE DESCRIPTIONS & RELATIONSHIPS

RESTROOM

General Concept and Activities
Staff Restrooms

Primary and Secondary Uses
Kitchen Staff
Custodial Staff

Relationship and Organization
To be located within kitchen space with easy access to corridors. Consider sight-lines and privacy for location.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
- Walls: minimum STC 50
- Ceilings: minimum CAC 35, NRC .70

WRITING/DISPLAY SPACES
- None

FLOORING
- Porcelain tile

WINDOWS/DOORS
- Doors (Interior): Solid Wood Core with vision-lite; HM or aluminum frame.
- No windows for privacy

CASEWORK
- Restroom accessories with mirror
- Hand sanitizer dispenser

LIGHTING
- Overhead fixtures
- Energy efficient light switches
- Light sensors

PLUMBING
- Cold water to sink
- Plumbing to toilet

ELECTRICAL/DATA
- GFCI outlets on one wall

HVAC
- Energy efficient HVAC unit pack
- Exhaust

TECHNOLOGY / COMMUNICATIONS
- None

FURNITURE FOR THE SPACE
- None

MIDDLE SCHOOL

NUTRITIONAL SERVICES SPACE DESCRIPTIONS & RELATIONSHIPS

COVERED OUTDOOR DINING

General Concept and Activities
This space will provide outdoor dining option for students. Outdoor dining should have good cross ventilation and natural lighting in the covered space. The Outdoor Dining space can also provide as an informal gathering and learning space for students both during and after school as well as for parent gatherings.

Primary and Secondary Uses
Students
Parents
Staff

Relationship and Organization
To be located adjacent to Multi-purpose room/seating area and accessible directly from serving area.

Features of the Space
Provide for proper 'cross ventilation'
Pavilion design and material that is translucent to allow for natural light. Landscaping to help with shading and privacy.

ENVIRONMENTAL SOUND CONTROL
• None

WRITING/DISPLAY SPACES
• None

FLOORING
• None

WINDOWS/DOORS
• None

CASEWORK
• None

LIGHTING
• Overhead fixtures (indirect) where necessary

PLUMBING
• Consider hose bib and coordinate drain and sewer connection with site storm water management system.

ELECTRICAL/DATA
• GFCI outlets

HVAC
• None

TECHNOLOGY / COMMUNICATIONS
• None

FURNITURE FOR THE SPACE
• Outdoor tables and chairs
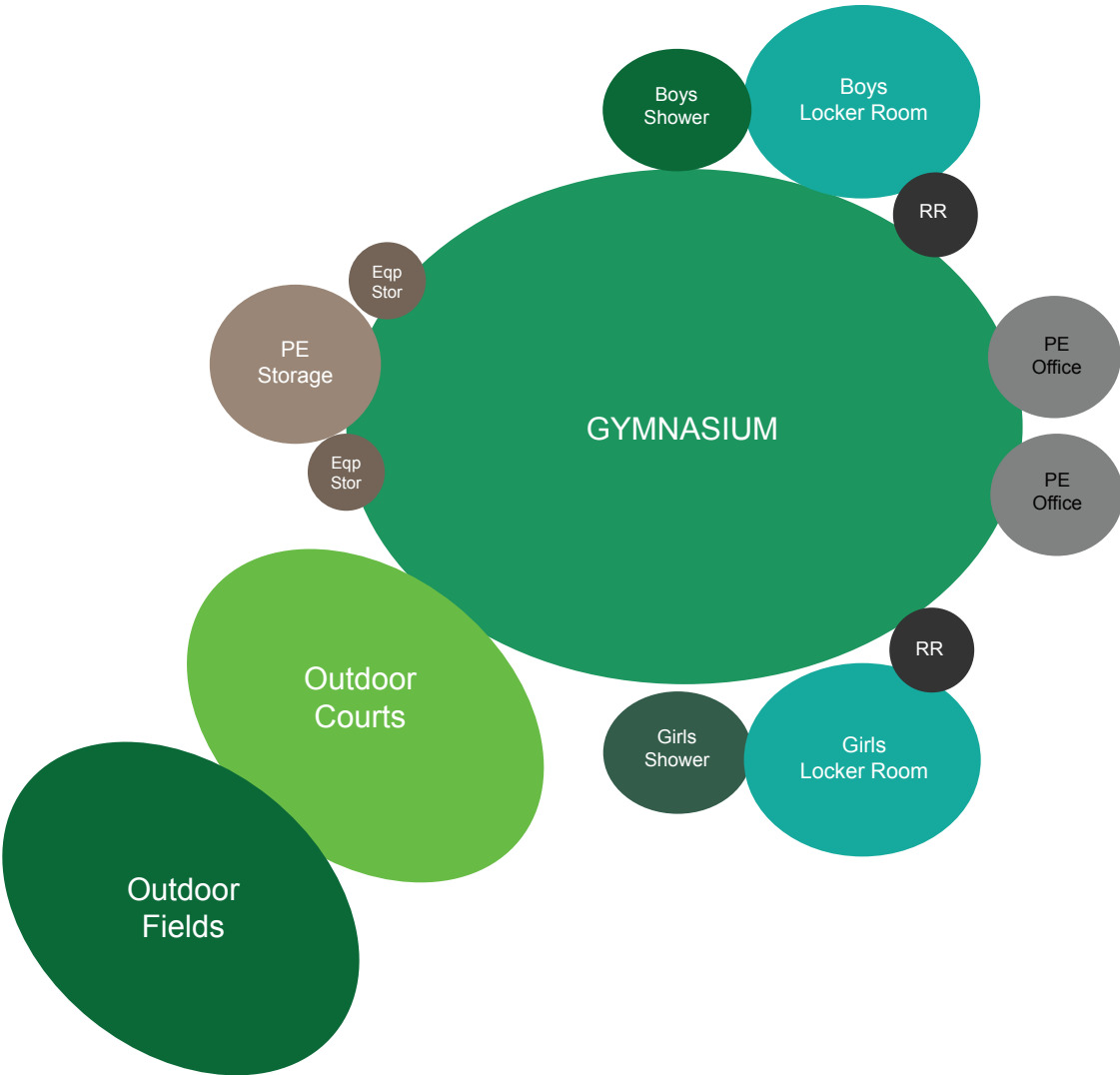• Canopies or awnings
• Trash containers

MIDDLE SCHOOL

ATHLETICS /PHYSICAL EDUCATION

MIDDLE SCHOOL

ATHLETICS / PHYSICAL EDUCATION PROGRAM OF SPACES

SPACE	Qty	Space/SF	TOTAL AREA
Gymnasium	1	3,500	3,500
PE Storage	1	200	200
Equipment Room	2	60	120
Locker Room/Restroom	2	730	1,460
Office	2	120	240
Athletics/Physical Education Subtotal			**9,520**

MIDDLE SCHOOL

ATHLETICS PHYSICAL EDUCATION ADJACENCY

Boys Shower

Boys Locker Room

RR

Eqp Stor

PE Storage

PE Office

GYMNASIUM

Eqp Stor

PE Office

Outdoor Courts

RR

Girls Shower

Girls Locker Room

Outdoor Fields

MIDDLE SCHOOL

ATHLETICS / PHYSICAL EDUCATION
SPACE DESCRIPTIONS & RELATIONSHIPS

GYMNASIUM

General Concept and Activities
In their commitment to healthy lifestyles, JUSD recognizes that the physical education programs are integral to supporting the whole child. Competition Sports and physical education activities will occur in the gymnasium.

Primary and Secondary Uses
Students
Coaches
Teachers
Community

Relationship and Organization
Provide access to restrooms close to fitness area.

Features of the Space
- High ceilings
- Safety padding on walls

ENVIRONMENTAL SOUND CONTROL
- Walls: minimum STC 50
- Ceilings: minimum CAC 35, NRC .70

WRITING/DISPLAY SPACES
- Small tackboard

FLOORING
- Wood flooring

WINDOWS/DOORS
- Windows: Hollow Metal (HM) or aluminum frame/ storefront, with insulating clear glazing. Low-E glazing where applicable. Roller window shades/ blinds.
- Doors (Exterior): Metal Poly Core with full vision-lite and HM or aluminum frame.
- Doors (Interior): Solid Wood Core with full vision-lite and HM or aluminum frame

CASEWORK
- None

LIGHTING
- Natural daylighting through glazing with easily adjustable baffles for control of light, along with daylight sensors to better manage electricity usage.
- Energy efficient overhead lights
- Energy efficient light switches

PLUMBING
- Drinking fountains with bottle filling capability

ELECTRICAL/DATA
- Two duplex outlets at every wall
- Retractable basketball standards/hoops

HVAC
- Energy efficient HVAC unit pack
- Digital display thermostats with override capability and temperature adjustment (with preset limits)

TECHNOLOGY / COMMUNICATIONS
- Wireless Access Point(s)

FURNITURE FOR THE SPACE
- None

MIDDLE SCHOOL

ATHLETICS / PHYSICAL EDUCATION
SPACE DESCRIPTIONS & RELATIONSHIPS

PE STORAGE

General Concept and Activities
Storage of PE equipment and materials.

Primary and Secondary Uses
Students
Coaches
Staff

Relationship and Organization
Located directly adjacent to the gymnasium.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
- Walls: minimum STC 50
- Ceilings: minimum CAC 35, NRC .70

WRITING/DISPLAY SPACES
- None

FLOORING
- Sealed concrete

WINDOWS/DOORS
- Doors (Interior): Solid Wood Core with full vision-lite and HM or aluminum frame

CASEWORK
- Full height adjustable metal shelving

LIGHTING
- Overhead lighting
- Energy efficient light switches
- Light sensors

PLUMBING
- None

ELECTRICAL/DATA
- One duplex outlet

HVAC
- Energy efficient HVAC unit pack

TECHNOLOGY/COMMUNICATIONS
- None

FURNITURE FOR THE SPACE
- None

MIDDLE SCHOOL

ATHLETICS / PHYSICAL EDUCATION
SPACE DESCRIPTIONS & RELATIONSHIPS

EQUIPMENT STORAGE

General Concept and Activities
Storage of Athletics equipment and materials.

Primary and Secondary Uses
Students
Coaches
Staff

Relationship and Organization
Located directly adjacent to the gymnasium.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
- Walls: minimum STC 50
- Ceilings: minimum CAC 35, NRC .70

WRITING/DISPLAY SPACES
- None

FLOORING
- Sealed concrete

WINDOWS/DOORS
- Doors (Interior): Solid Wood Core with full vision-lite and HM or aluminum frame

CASEWORK
- Full height adjustable shelving along one wall.

LIGHTING
- Overhead lighting
- Energy efficient light switches
- Light sensors

PLUMBING
- None

ELECTRICAL/DATA
- One duplex outlet

HVAC
- Energy efficient HVAC unit pack

TECHNOLOGY/COMMUNICATIONS
- None

FURNITURE FOR THE SPACE
- None

MIDDLE SCHOOL

ATHLETICS / PHYSICAL EDUCATION
SPACE DESCRIPTIONS & RELATIONSHIPS

LOCKER ROOM/RESTROOMS

General Concept and Activities
The locker rooms/restrooms will be used by students for changing from school dress to appropriate attire for athletics/physical education classes. Students will store clothing in small lockers. Restrooms are part of the locker room facility.

Primary and Secondary Uses
Teachers
Students

Relationship and Organization
To be located adjacent to the Gymnasium. Consider sight-lines and privacy for location.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
- Walls: minimum STC 50
- Ceilings: minimum CAC 35, NRC .70

WRITING/DISPLAY SPACES
- Small tackboard

FLOORING
- Porcelain tile

WINDOWS/DOORS
- Doors (Interior): Solid Wood Core with vision-lite - view to PE office; HM or aluminum frame

CASEWORK
- Hooks
- Restroom accessories with mirror
- Hand sanitizer dispenser

LIGHTING
- Energy efficient overhead light switches
- Light sensors

PLUMBING
- Water to sinks, toilets and urinals

ELECTRICAL/DATA
- Duplex receptacles on all walls

HVAC
- Energy efficient HVAC unit pack with appropriate ventilation
- Consider oscillating fans in addition to HVAC

TECHNOLOGY / COMMUNICATIONS
- Wireless Access Point(s)

FURNITURE FOR THE SPACE
- Benches
- Lockers - number to be verified with District. Size may vary between P.E. and Athletics

MIDDLE SCHOOL

ATHLETICS / PHYSICAL EDUCATION
SPACE DESCRIPTIONS & RELATIONSHIPS

ATHLETICS/PE OFFICE

General Concept and Activities
The Office is for planning, grading, conferences, scheduling, and small item storage for PE activities and athletic programs. This space should be flexible to meet with a few students.

Primary and Secondary Users
Teachers
Students

Relationship and Organization
This room should be located directly adjacent to the Locker Rooms.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
- Walls: minimum STC 50
- Ceilings: minimum CAC 35, NRC .70

WRITING / DISPLAY SPACES
- Small tackboard

FLOORING
- Carpet Tiles

WINDOWS / DOORS
- Doors (Interior): Solid Wood Core with vision-lite - view to locker room; HM or aluminum frame
- Hardware: Thumb-locks to allow Classrooms to be locked from the inside without the use of a key.
- Access control to be provided as well.

CASEWORK
- None

LIGHTING
- Energy efficient overhead light switches
- Light sensors

PLUMBING
- None

ELECTRICAL/DATA
- One duplex receptacle on each wall in addition to power/data for printer.
- Provide two (2) duplex/data locations on perpendicular walls for multiple desk layout options.

HVAC
- Energy efficient HVAC unit pack

TECHNOLOGY / COMMUNICATIONS
- Wireless Access Point(s)

FURNITURE FOR THE SPACE
- Workstation with task chair
- Shelving for storage equipment

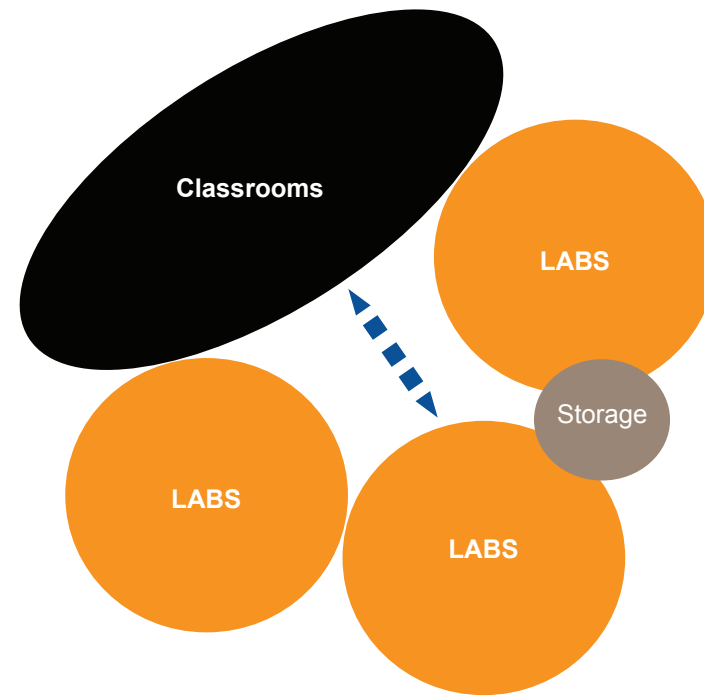# MIDDLE SCHOOL

CAREER & TECHNOLOGY

MIDDLE SCHOOL

CAREER & TECHNOLOGY PROGRAM OF SPACES

SPACE	Qty	Space/SF	TOTAL AREA
CTE Labs	3*	1,050	3,150
Storage	1	180	280
Career & Technology Subtotal			**3,330**

*Total number of classrooms will vary by campus. Figures listed here need to be confirmed based on individual campus needs.

MIDDLE SCHOOL

CAREER & TECHNOLOGY ADJACENCY

Classrooms

LABS

Storage

LABS

LABS

MIDDLE SCHOOL

CAREER & TECHNOLOGY

SPACE DESCRIPTIONS & RELATIONSHIPS

CTE Labs

General Concept and Activities

The Digital Computer Labs shall facilitate an interdisciplinary, learner-centered approach to instruction with full integration of technology. The facilities and amenities must be flexible to accommodate a variety of instructional activities, providing active and passive spaces that encourage different types of learning styles; from large lecture to small group to individual work, as well as adapt to program changes in the future. Programs offered my align with feeder High School offerings.

Primary and Secondary Uses

Students
Teachers

Relationship and Organization

The labs should be located close to core classroom spaces.

Features of the Space

Labs shall be technology rich to support all student learning-styles, have the ability to support diverse grouping strategies, encourage interdisciplinary teaching and support diverse technology rich CTE programs.

Rooms may have folding walls to allow for multi-use of space.

ENVIRONMENTAL SOUND CONTROL
- Walls: minimum STC 50
- Ceilings: minimum CAC 35, NRC .70

WRITING/DISPLAY SPACES
- Magnetic whiteboard - one 12' markerboard flanked by two 4' markerboards
- Tackboards on all other walls

FLOORING
- Sealed concrete

WINDOWS/DOORS
- Doors (Exterior): Metal Poly Core with vision-lite and HM or aluminum frame
- Doors (Interior): Solid Wood Core with vision-lite and HM or aluminum frame
- Exterior windows that provide maximum natural daylight - provide shading devices (consider sensors)
- Hardware: Thumb-locks to allow Classrooms to be locked from the inside without the use of a key.

CASEWORK
- Lower and upper cabinets and tall cabinets for storage.
- Wall mounted pegboards for tools

LIGHTING
• Natural lighting
• Overhead fixtures
• Energy efficient light switches
• Light sensors

PLUMBING
• Deep basin sink
• Hand-washing sink
• Based on programs, some rooms may require floor drains
• Based on programs, eyewash station may be needed

ELECTRICAL/DATA
• Two (2) duplex receptacles on each wall
• Provide additional to power /date for computers/ technology and other equipment
• Duplex receptacles above casework and demo station
• Provide overhead power reels

HVAC
• Energy efficient HVAC unit pack

TECHNOLOGY / COMMUNICATIONS
• Wireless Access Point(s)
• Projection device

FURNITURE FOR THE SPACE
• Movable flip/nest tables with dry erase tops
• Height adjustable, movable tables with cabinet management tray for ease of access to power
• Student chairs on casters
• Movable, lockable storage on casters
• Fire extinguishers

MIDDLE SCHOOL

CAREER & TECHNOLOGY SPACE DESCRIPTIONS & RELATIONSHIPS

STORAGE

General Concept and Activities
Storage rooms shall be used to store supplies as well as other materials necessary for surrounding programs.

Primary and Secondary Uses
Staff

Relationship and Organization
Located within close proximity of Digital Computer Labs.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
- None

WRITING/DISPLAY SPACES
- None

FLOORING
- Sealed concrete

WINDOWS/DOORS
- Doors (Interior): Solid Wood Core with vision-lite; HM or aluminum frame.
- Window to classroom for supervision

CASEWORK
- Adjustable metal shelving

LIGHTING
- Overhead fixtures
- Energy efficient light switches
- Light sensors

PLUMBING
- None

ELECTRICAL/DATA
- Electrical outlets on each wall

HVAC
- Energy efficient HVAC unit pack

TECHNOLOGY / COMMUNICATIONS
- None

FURNITURE FOR THE SPACE
- Locking storage cabinets

MIDDLE SCHOOL

CUSTODIAL

MIDDLE SCHOOL

CUSTODIAL
PROGRAM OF SPACES

SPACE	Qty	Space/SF	TOTAL AREA
Custodial Closets (located throughout campus)	5*	60	300
Subtotal			**300**

*Number will vary based on campus layout.

MIDDLE SCHOOL

CUSTODIAL
SPACE DESCRIPTIONS & RELATIONSHIPS

CUSTODIAL CLOSETS

General Concept and Activities
Custodial rooms should be placed around the campus to allow for access to water, buckets/mops, cleaning equipment and paper product storage for restrooms. These rooms will typically be used by one custodian at a time.

Primary and Secondary Users
Staff

Relationship and Organization
These rooms should ideally be located close to large restrooms and one should be located in food service area.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
• None

WRITING / DISPLAY SPACES
• None

FLOORING
• Sealed Concrete

WINDOWS / DOORS
• Metal Door

CASEWORK
• None

LIGHTING
• Energy efficient overhead light switches
• Light sensors

PLUMBING
• Mop Sink

ELECTRICAL/DATA
• Duplex receptacles on all walls

HVAC
• Exhaust

TECHNOLOGY / COMMUNICATIONS
• None

FURNITURE FOR THE SPACE
• Adjustable metal shelving for supplies

Educational Specifications Summary

HIGH SCHOOL

HIGH SCHOOL

Each Educational Specification is divided into the following sections:

1. Site Configuration
2. Campus Administration
3. Learning Spaces
4. Multi-Purpose Spaces/Fine Arts
5. Media Center / Library
6. Special Education
7. Nutrition Services
8. Athletics/Physical Education
9. Career & Technology

This High School Educational Specification, developed as a component of the overall Master Plan process, provides guidelines that outline the essential components of high school sites. These guidelines shall be applied to new sites and will be a benchmark for evaluating the needs and configuration of existing sites.

CLASSROOM LOADING

For the purposes of determining and monitoring the student capacity of each campus JUSD uses a standard number of students per classroom. These ratios are not intended to correlate to the actual number of students in a classroom at any one time or the maximum capacity of a classroom. They are a guideline used to track the overall capacity of school campuses.

For grades 9th - 12th the loading ratio is 36 students per classroom. For Band, Choir and Orchestra, the ratio is 45 students per classroom.

HIGH SCHOOL

GENERAL CAMPUS PROGRAM OF SPACES

SPACE	1,750 Students	2,500 Students
Campus Administration	5,720	5,720
Learning Spaces*	59,010	67,050
Fine Arts*	32,080	32,080
Media Center/Library	7,300	7,300
Special Education**	6,690	6,690
Nutrition Services	14,120	16,620
Athletics/Physical Education	29,520	29,520
Career & Technology*	7,680	7,680
Ancillary Services	2,120	2,120
Custodial	480	480
Total	**164,675**	**175,215**

*Total number of classrooms will vary by campus. Figures listed here need to be confirmed based on individual campus needs. Allow a minimum of 80 SF per student.
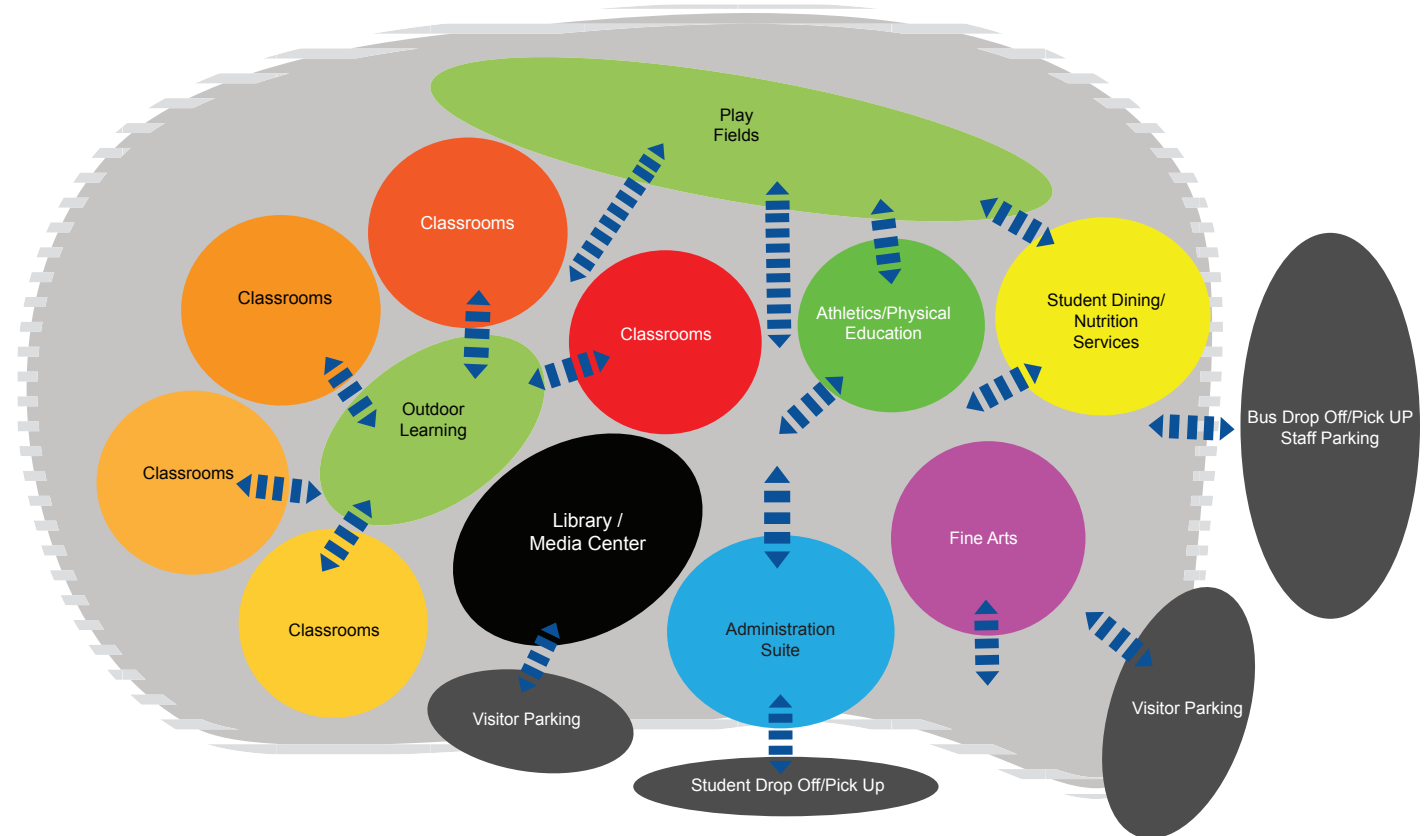
**Confirm actual number of classrooms by campus. JUSD has mainstreamed Special Education, therefore no Special Education spaces will be provided unless there is a mod/severe/functional skills program housed at a specific site.

Notes:
- The square footages above are a guideline to ensure parity for district-wide improvements. It is understood that existing building spaces may restrict in achieving these exact square footages. These are not rigid numbers that need to be met exactly but are intended to be a guideline for overall program comparisons between existing and proposed master plan scope strategies.
- Any significant deviations from this specification that may impact the budgets, prioritization and design intent should be approved by the District before proceeding into schematic design.
- No factor has been applied for circulation or spaces such as restrooms, and building support rooms. Square footages shown are net. A factor of 257% should be added to all net square footages.

HIGH SCHOOL

CAMPUS SITE ADJACENCY

Play Fields

Classrooms

Classrooms

Classrooms

Athletics/Physical Education

Student Dining/ Nutrition Services

Outdoor Learning

Classrooms

Bus Drop Off/Pick UP Staff Parking

Library / Media Center

Fine Arts

Classrooms

Administration Suite

Visitor Parking

Visitor Parking

Student Drop Off/Pick Up

HIGH SCHOOL

OVERALL SITE PLAN

Site plan should comply with the California Department of Education and Title 5 standards. Additional requirements that were used as a basis for the guidelines indicated in these Educational Specifications follow.

Site Layout and Main Entry:

- Parking drop off, bus loading areas, and parking shall be separated to allow students to enter and exit the school grounds safely. Refer to the site adjacency diagram for recommended layout.
- Provide separate drop off /pick up areas close to the entrance to the campus for special education.
- Provide student parking areas easily accessible from the classroom areas.
- Provide parking close to athletic fields for use during events. Locate parking close to Auditorium/Fine Arts spaces for after-hours events.
- Main entry to the campus shall be easily identifiable, and immediately accessible off parent drop off area.
- The entire campus shall be fenced. Fencing needs to be designed to be pleasant and inviting. It is suggested that school related graphics, name and mascot be incorporated into the main entry gates to enhance their appearance. All fencing to be 8' tall ornamental fence.
- Site permitting, student gathering areas should be shielded from street-view. Provide screening or landscaping along fence where gathering areas are adjacent to streets.

Playfields:

- Adequate physical education teaching stations shall be available to accommodate course requirements for the planned enrollment
- Supervision of playfields should not be obstructed by buildings or objects that impair observation and supervision.
- Playfields shall have shared use for educational and other public uses.
- Playfields should be fenced.
- Provide support facilities for fields, including but not limited to restrooms, concessions, ticket booth and storage.
- Provide grass area next to football field for marching band practice.
- Athletic fields may vary per campus, but can include outdoor basketball courts, practice football fields, baseball fields, softball fields, tennis courts, and rubberized running track. In addition, campuses may have a swimming pool, and competition football field.
- Provide bleachers at baseball fields and competition football field.
- Artificial turf should be provided at High School Competition Football fields.

Outdoor Learning Areas:

- Learning shall not be bound to the classroom areas, therefore access to outdoor learning spaces should be provided from all classrooms. These areas to include diverse settings, including seating areas, planting areas and group areas.
- Provide an outdoor stage/platform with power and sound for school gatherings. The space should be clearly visible from outdoor learning areas, but should be shielded from views outside of the campus.
- Provide plentiful shade in outdoor settings through the use of canopies, awnings, and landscaping.
- Outdoor gardens are encouraged, but must be flexible to change as interests at each campus change.
- Provide diverse outdoor areas accessible to all classrooms. Provide shading as needed to ensure maximum use.

Delivery and Service Areas:

- Delivery and service areas shall be located to provide vehicular access that is separate from parent and bus drop off areas, and does not jeopardize the safety of students and staff.
- Delivery / utility vehicles have direct access from the street to the delivery area without crossing over playground or field areas or drop-off
- Trash pickup is fenced or otherwise isolated and away from foot traffic areas.
- Delivery areas to academic and performance areas such as the auditorium shall be designed in a manner that does not interfere pedestrian flow on campus.
- Deliveries for CTE classroom supplies, student store, etc. should be accounted for as well.

Placement of Buildings:

- Building placement shall consider compatibility of the various functions on campus and provide optimum patterns of pedestrian flow around and within buildings. Site layout shall enhance security of staff and students.
- Restrooms are conveniently located, require minimum supervision, and to the extent possible, are easily accessible from outdoor areas, Auditorium/Fine Arts spaces, classrooms and athletic fields.
- Student entry points into Classrooms shall be carefully planned to optimize supervision. Landscaping and shading structures should not interfere with supervision.
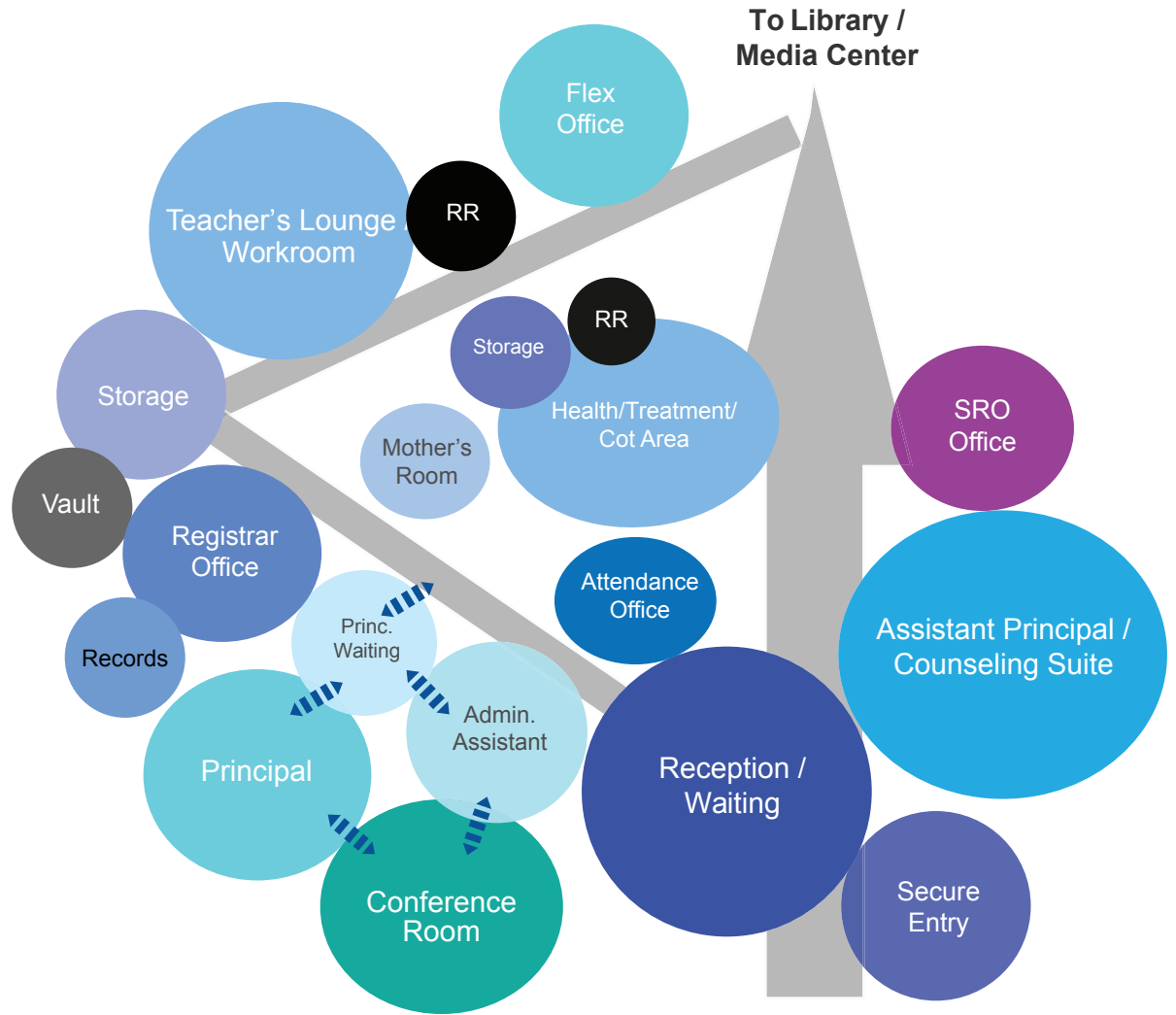
HIGH SCHOOL

ADMINISTRATION

HIGH SCHOOL

ADMINISTRATION PROGRAM OF SPACES

SPACE	Qty	Space/SF	TOTAL AREA
Secure Entry Vestibule	1	150	150
Main Reception/Waiting Area	1	400	400
Principal's Office	1	180	180
Administrative Assistant	4	100	400
Principal's Waiting area	1	80	80
Conference Room	1	250	250
Teacher's Lounge/Workroom	1	500	500
Attendance Office	1	175	175
Storage	1	200	200
Restrooms	2	80	160
Mother's Room	1	60	60
Vault	1	100	100
SRO Office	1	180	180
Assistant Principal's Office*	3	150	450
Counselor's Office*	6	120	720
Conference Room	1	200	200
Flex Office	1	400	400
Registrar Office	1	120	120
Records Room	1	150	150
Health Space/Treatment/Cot	1	620	620
Health Restroom	1	80	80
Health Storage	1	100	100
Administration Subtotal			**5,675**

*Number of offices may vary if campus is larger.

HIGH SCHOOL

ADMINISTRATION ADJACENCY

To Library / Media Center

Flex Office

Teacher's Lounge / Workroom

RR

RR

Storage

Storage

Health/Treatment/ Cot Area

SRO Office

Mother's Room

Vault

Registrar Office

Princ. Waiting

Attendance Office

Assistant Principal / Counseling Suite

Records

Admin. Assistant

Principal

Reception / Waiting

Conference Room

Secure Entry

HIGH SCHOOL

ADMINISTRATION SPACE DESCRIPTIONS & RELATIONSHIPS

RECEPTION / WAITING AREAS

General Concept and Activities

The main administration center of the campus should serve as a welcome center for the school. It will serve as a front entry for the public, and house main administrative duties including conference, discipline, counseling, health, and attendance. The Administrative facilities, which will be accessed by students, faculty, and the public, shall have clear delineation of 'public' (e.g. Lobby and Waiting areas) versus 'private' (e.g. Offices) versus 'semi-private (e.g. Conference Room) type spaces.

Primary and Secondary Uses

Parents

Visitors

Students

Staff

Relationship and Organization

Located in main Administration area with visual connection to Main Entry and Health Clinic.

Features of the Space

The main Administration office should define a clear sense of entry for the campus and establish school pride. Design clear wayfinding to and from the main office through signage and building features that include school specific graphics and/or mascot. The space shall be welcoming and facilitate communication and collaboration between staff, as well as between student-to staff and parents-to-staff.

The space shall provide areas to display student work and create a school identity. Provide display area for current events, programs, and activities.

The layout should limit access from visitors to more private office and staff areas. The TCT (Translator, Clerk, Typist) should be the first point of contact for visitors. The Administrative Assistant(s) share some duties with Reception/Clerical staff and therefore needs to be in proximity, as well as be adjacent to the Principal's/Assistant Principal's Offices. Given the private nature of some of their work, some visual separation from the front is needed.

Because the Administration staff needs to manage the Health Office functions during certain periods of the day, the Health Office needs to be located adjacent to the main reception desk with visual access. Design for adequate waiting area for parents and students in the main reception area, separate from Health. Provide separate waiting areas for the health area, and for the Principal's office.

ENVIRONMENTAL SOUND CONTROL
• Walls: minimum STC 50
• Ceilings: minimum CAC 35, NRC .70
• Quiet HVAC systems

WRITING/DISPLAY SPACES
• Tackboards
• Display case

FLOORING
• Carpet Tiles

WINDOWS/DOORS
• Windows: Hollow Metal (HM) or aluminum frame/ storefront, with insulating clear glazing. Low-E glazing where applicable. Roller window shades/ blinds.
• Doors (Exterior): Metal Poly Core with vision-lite with side-lite; HM or aluminum frame
• Doors (Interior): Solid Wood Core with vision-lite; HM or aluminum frame.

CASEWORK
• Modular furniture systems
• Standing height counter for parent check in/out stations. Provide handicap accessible area.

LIGHTING
• Natural daylighting through glazing with easily adjustable baffles for control
• Overhead fixtures
• Energy efficient light switches
• Light sensors

PLUMBING
• None

ELECTRICAL/DATA
• Two (2) duplex receptacles on each wall
• Provide data at all computers and technology equipment.
• Main communication and fire alarm panel should be located in appropriate location within Main Administration Space
• Provide power for flat screen monitor or electronic display that serves as school activity display

HVAC
• Energy efficient HVAC unit pack
• Digital display thermostats with override capability and temperature adjustment (with preset limits)

TECHNOLOGY / COMMUNICATIONS
• Wireless Access Point(s)
• 2 computer drops at reception desk

FURNITURE FOR THE SPACE
• Standing height counter for parent check in/out stations. Provide handicap accessible area.
• Reception desk task chairs
• Lockable file storage (2-4 lateral files)
• Front desk – modular system
• Soft seating and side tables, minimum six (6) chairs in waiting area.

HIGH SCHOOL

ADMINISTRATION
SPACE DESCRIPTIONS & RELATIONSHIPS

SECURE ENTRY VESTIBULE

General Concept and Activities
The secure entry vestibule shall serve as main visitor access to the building. Visitors will gain access to the building via formal check-in with receptionist, and will be buzzed in to the building by the receptionist. Once the visitor has provided necessary identification information, they will be granted access to the campus.

Primary and Secondary Uses
Parents
Visitors
Students

Relationship and Organization
Locate immediately adjacent to main reception area.

ENVIRONMENTAL SOUND CONTROL
- Walls: minimum STC 50
- Ceilings: minimum CAC 35, NRC .70
- Quiet HVAC systems

WRITING/DISPLAY SPACES
- None

FLOORING
- Carpet Tiles

WINDOWS/DOORS
- Windows: Hollow Metal (HM) or aluminum frame/ storefront, with insulating clear glazing. Low-E glazing where applicable. Roller window shades/ blinds.
- Doors (Exterior): Metal Poly Core with vision-lite with side-lite; HM or aluminum frame

CASEWORK
- None

LIGHTING
- Energy efficient lighting switches

PLUMBING
- None

ELECTRICAL/DATA
- (2) Electrical receptacles for parent check in/out

HVAC
- Energy efficient HVAC unit pack

TECHNOLOGY / COMMUNICATIONS
- Remote access control

FURNITURE FOR THE SPACE
- None

HIGH SCHOOL

ADMINISTRATION
SPACE DESCRIPTIONS & RELATIONSHIPS

PRINCIPAL'S OFFICE

General Concept and Activities
The principal's office will be the headquarters for providing leadership to the school and should communicate a professional and organized environment. In addition to working in this space, the principal will meet with parents, students, other administrators, and staff members in a one-on-one or small group conference setting. The office should accommodate 1- 5 people at a time. This space will also be used for personal storage and will possibly house some confidential records.

Primary and Secondary Users
Administrative staff
Parents
Students

Relationship and Organization
This office should be close to the Reception/Waiting for Administration and would ideally have good visibility of the interior campus of the school. This office should be close to the main Conference Room and should be adjacent to administrative support staff, with a visual connection, if possible.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
• Walls: minimum STC 50
• Ceilings: minimum CAC 35, NRC .70

WRITING / DISPLAY SPACES
• Tackboard

FLOORING
• Carpet Tiles

WINDOWS / DOORS
• Hollow Metal (HM) or aluminum frame/ storefront, with insulating clear glazing. Low-E glazing where applicable. Roller window shades/ blinds.
• Doors (Interior): Solid Wood Core with vision-lite; HM or aluminum frame.

CASEWORK
• None

LIGHTING
• Natural daylighting
• Overhead fixtures - indirect, if possible
• Energy efficient light switches
• Light sensors

PLUMBING
• None

ELECTRICAL/DATA
• Provide power/data at two (2) locations on perpendicular walls for computers, allowing for multiple desk layouts.
• Provide power for flatscreen monitor

HVAC
• Energy efficient HVAC unit pack

TECHNOLOGY / COMMUNICATIONS
• Wireless Access Point(s)

FURNITURE FOR THE SPACE
• Desk and chair
• Round table (36") with guest seating (3-5)
• Credenza
• File Cabinet

HIGH SCHOOL

ADMINISTRATION
SPACE DESCRIPTIONS & RELATIONSHIPS

ADMINISTRATIVE ASSISTANT

General Concept and Activities
This space will primarily be used as a work area for the Administrative Assistants that support the principal an assistant principal. Layout should be flexible to accommodate varying staff members and space needs. Seating area for students waiting to see principal or assistant principal to be provided.

Primary and Secondary Users
Administrative staff
Teachers

Relationship and Organization
This space should be close and have direct line of site into the Principal and Assistant Principal Offices.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
- Walls: minimum STC 50
- Ceilings: minimum CAC 35, NRC .70

WRITING / DISPLAY SPACES
- Tackboard

FLOORING
- Carpet Tiles

WINDOWS / DOORS
- None

CASEWORK
- None

LIGHTING
- Natural daylighting
- Overhead fixtures - indirect, if possible
- Energy efficient light switches
- Light sensors

PLUMBING
- None

ELECTRICAL/DATA
- One duplex receptacle on each wall in addition to power/data for printer.
- Provide two (2) duplex/data locations on perpendicular walls for multiple desk layout options.

HVAC
- Energy efficient HVAC unit pack

TECHNOLOGY / COMMUNICATIONS
- Wireless Access Point(s)

FURNITURE FOR THE SPACE
- Desk and chair
- Seating for students 2-3 (waiting area)

HIGH SCHOOL

ADMINISTRATION
SPACE DESCRIPTIONS & RELATIONSHIPS

CONFERENCE ROOMS

General Concept and Activities

The Conference Room would provide space that could be used by the administration and other staff for meetings and presentations with 12-14 people seated at a conference table. This room could also be used for parent meetings. Multimedia for presentations should be built-into the room space. The room will need to be flexible with seating and set up.

Primary and Secondary Uses

Administrative staff
Parents & Students

Relationship and Organization

This space should be located with direct access to the reception area and close to the Principal and Assistant Principal offices. The conference room should also be in close proximity to restrooms.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
- Walls: minimum STC 50
- Ceilings: minimum CAC 35, NRC .70

WRITING / DISPLAY SPACES
- Tackboard

FLOORING
- Carpet Tiles

WINDOWS / DOORS
- Hollow Metal (HM) or aluminum frame/ storefront, with insulating clear glazing. Low-E glazing where applicable. Roller window shades/ blinds.
- Doors (Interior): Solid Wood Core with vision-lite; HM or aluminum frame..
- Hardware: Thumb-locks to allow Classrooms to be locked from the inside without the use of a key.
- Access control to be provided as well.

CASEWORK
- None

LIGHTING
- Natural daylighting
- Overhead fixtures - indirect, if possible
- Energy efficient light switches
- Light sensors
- Consider lights over conference table

PLUMBING
- None

ELECTRICAL/DATA
- Duplex/data receptacles on each wall in addition to power for computer/printer
- Duplex receptacle under conference table (flush with floor)
- Provide power/data for flat screen monitor

HVAC
- Energy efficient HVAC unit pack

TECHNOLOGY / COMMUNICATIONS
- Wireless Access Point(s)
- Multi-user Conference Phone

FURNITURE FOR THE SPACE
- Conference Table
- 12-14 Chairs

HIGH SCHOOL

ADMINISTRATION
SPACE DESCRIPTIONS & RELATIONSHIPS

ASSISTANT PRINCIPAL'S OFFICE

General Concept and Activities

The assistant principal office should be designed with similar features as the Principal's Office, but should be flexible in layout so it could also accommodate different functions such as a testing room or small conference space during the life of the facility. Administrators or other staff will meet with parents and students in this office. The room should accommodate up to 4 people comfortably.

Primary and Secondary Users

Staff
Parents
Students

Relationship and Organization

This office should be close to the main hallway to be accessed by students easily. The office should also be along with administrative corridor.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
- Walls: minimum STC 50
- Ceilings: minimum CAC 35, NRC .70

WRITING / DISPLAY SPACES
- Tackboard

FLOORING
- Carpet Tiles

WINDOWS / DOORS
- Hollow Metal (HM) or aluminum frame/ storefront, with insulating clear glazing. Low-E glazing where applicable. Roller window shades/ blinds.
- Doors (Interior): Solid Wood Core with vision-lite; HM or aluminum frame.

CASEWORK
- None

LIGHTING
- Natural daylighting
- Overhead fixtures - indirect, if possible
- Energy efficient light switches
- Light sensors

PLUMBING
- None

ELECTRICAL/DATA
- Duplex/data receptacles on each wall in addition to power for computer/printer

HVAC
- Energy efficient HVAC unit pack

TECHNOLOGY / COMMUNICATIONS
- Wireless Access Point(s)

FURNITURE FOR THE SPACE
- Desk and chair
- Round table and guest seating (2-4)

HIGH SCHOOL

ADMINISTRATION
SPACE DESCRIPTIONS &
RELATIONSHIPS

TEACHER LOUNGE/WORKROOM

General Concept and Activities
The teacher's lounge/workroom serves as a location for teachers to collaborate, enjoy their meal or break, as well as hold meetings and presentations. Supplies, a copier and copy paper for the school would be stored here. This space shall be divided by mailboxes to create lounge area and working area.

Primary and Secondary Uses
Administrative Staff
Teachers

Relationship and Organization
Separate from main reception area for more privacy. Should be easily accessible from classrooms.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
- Walls: minimum STC 50
- Ceilings: minimum CAC 35, NRC .70

WRITING/DISPLAY SPACES
- Magnetic whiteboard
- Tackboard

FLOORING
- Resilient flooring

WINDOWS/DOORS
- Hollow Metal (HM) or aluminum frame/ storefront, with insulating clear glazing. Low-E glazing where applicable. Roller window shades/ blinds.
- Doors (Interior): Solid Wood Core with vision-lite; HM or aluminum frame.

CASEWORK
- Mailboxes, 3" high x 12"wide x 18" deep, minimum of 100. Quantities vary, confirm with District.

- Standing height counter with lower and upper cabinets (drawers & adjustable shelves and room for laminator)
- Tall storage cabinet (7'-0" tall) lockable
- Double sink with garbage disposal
- Microwave
- Coffee maker
- Refrigerator

LIGHTING
- Natural daylighting through glazing with easily adjustable baffles for control
- Overhead fixtures
- Energy efficient light switches
- Light sensors

PLUMBING
- Hot and cold water to sink/disposal and refrigerator

ELECTRICAL/DATA
- Electrical/data/phone at tables
- Two (2) duplex receptacles above counter
- Dedicated power for two (2) copiers and other equipment/appliances

HVAC
- Energy efficient HVAC unit pack

TECHNOLOGY / COMMUNICATIONS
- Wireless Access Point(s)
- One (1) mounted projection device

FURNITURE FOR THE SPACE
- Table with 8-10 chairs in workroom
- Multiple person (4-6) tables and chairs in lounge
- Soft furnishings, with charging and data connection
- Patio furnishings at exterior, with shade device
- Stools/chairs for work at counter
- Small worktables and chairs
- Wall mounted paper roll

HIGH SCHOOL

ADMINISTRATION
SPACE DESCRIPTIONS & RELATIONSHIPS

STORAGE

General Concept and Activities
Storage room shall be used to store administrative office supplies as well as other items such as copy paper, school supplies, etc.

Primary and Secondary Uses
Staff

Relationship and Organization
Centrally located in administration area.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
• None

WRITING/DISPLAY SPACES
• None

FLOORING
• Sealed concrete

WINDOWS/DOORS
• Doors (Interior): Solid Wood Core with vision-lite; HM or aluminum frame.

CASEWORK
• Adjustable metal shelving

LIGHTING
• Overhead fixtures
• Energy efficient light switches
• Light sensors

PLUMBING
• None

ELECTRICAL/DATA
• Electrical outlets on each wall

HVAC
• Energy efficient HVAC unit pack

TECHNOLOGY / COMMUNICATIONS
• None

FURNITURE FOR THE SPACE
• None

HIGH SCHOOL

ADMINISTRATION
SPACE DESCRIPTIONS & RELATIONSHIPS

RESTROOM

General Concept and Activities
Restrooms to support administrative staff as well as visitors.

Primary and Secondary Uses
Staff
Parents
Visitors

Relationship and Organization
To be located with easy access to administration. Consider sight-lines and privacy for location.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
- Walls: minimum STC 50
- Ceilings: minimum CAC 35, NRC .70

WRITING/DISPLAY SPACES
- None

FLOORING
- Porcelain tile

WINDOWS/DOORS
- Doors (Interior): Solid Wood Core with vision-lite; HM or aluminum frame.
- No windows for privacy

CASEWORK
- Restroom accessories including mirror
- Hand sanitizer dispenser

LIGHTING
- Overhead fixtures
- Energy efficient light switches
- Light sensors

PLUMBING
- Cold water to sink
- Plumbing to toilet

ELECTRICAL/DATA
- GFCI outlets on one wall

HVAC
- Energy efficient HVAC unit pack
- Exhaust

TECHNOLOGY / COMMUNICATIONS
- None

FURNITURE FOR THE SPACE
- None

HIGH SCHOOL

ADMINISTRATION
SPACE DESCRIPTIONS & RELATIONSHIPS

VAULT

General Concept and Activities
Vault should be used for storage of important and confidential information.

Primary and Secondary Uses
Staff

Relationship and Organization
Centrally located in administration area.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
- None

WRITING/DISPLAY SPACES
- None

FLOORING
- Sealed concrete

WINDOWS/DOORS
- Doors (Interior): Solid Wood Core with vision-lite; HM or aluminum frame.

CASEWORK
- None

LIGHTING
- Overhead fixtures
- Energy efficient light switches
- Light sensors

PLUMBING
- None

ELECTRICAL/DATA
- Electrical outlets on each wall

HVAC
- Energy efficient HVAC unit pack

TECHNOLOGY / COMMUNICATIONS
- None

FURNITURE FOR THE SPACE
- Vault

HIGH SCHOOL

ADMINISTRATION
SPACE DESCRIPTIONS & RELATIONSHIPS

MOTHERS ROOM

General Concept and Activities
This space is for new/lactating mother's to allow for privacy while pumping breast milk.

Primary and Secondary Users
Staff

Relationship and Organization
This space should be close to the workroom and teachers lounge.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
- Walls: minimum STC 50
- Ceilings: minimum CAC 35, NRC .70

WRITING / DISPLAY SPACES
- None

FLOORING
- Carpet Tiles

WINDOWS / DOORS
- Hollow Metal (HM) or aluminum frame/ storefront, with insulating clear glazing. Low-E glazing where applicable. Roller window shades/ blinds.
- Doors (Interior): Solid Wood Core with vision-lite; HM or aluminum frame.

CASEWORK
- Seated height counter with sink
- Undercounter refrigerator

LIGHTING
- Overhead fixtures - indirect, if possible
- Energy efficient light switches
- Light sensors

PLUMBING
- Water to sink

ELECTRICAL/DATA
- Duplex/data receptacles on one wall

HVAC
- Energy efficient HVAC unit pack

TECHNOLOGY / COMMUNICATIONS
- Wireless Access Point(s)

FURNITURE FOR THE SPACE
- Soft seating/chair
- Small side table

HIGH SCHOOL

ADMINISTRATION
SPACE DESCRIPTIONS & RELATIONSHIPS

REGISTRAR OFFICE

General Concept and Activities
This space is for the campus registrar.

Primary and Secondary Users
Staff
Parents
Students

Relationship and Organization
This office should be close to the main hallway to be accessed easily by students. The office should also be along the administrative corridor.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
- Walls: minimum STC 50
- Ceilings: minimum CAC 35, NRC .70

WRITING / DISPLAY SPACES
- Tackboard

FLOORING
- Carpet Tiles

WINDOWS / DOORS
- Hollow Metal (HM) or aluminum frame/ storefront, with insulating clear glazing. Low-E glazing where applicable. Roller window shades/ blinds.
- Doors (Interior): Solid Wood Core with vision-lite; HM or aluminum frame.

CASEWORK
- None

LIGHTING
- Natural daylighting
- Overhead fixtures - indirect, if possible
- Energy efficient light switches
- Light sensors

PLUMBING
- None

ELECTRICAL/DATA
- Duplex/data receptacles on each wall in addition to power for computer/printer

HVAC
- Energy efficient HVAC unit pack

TECHNOLOGY / COMMUNICATIONS
- Wireless Access Point(s)

FURNITURE FOR THE SPACE
- Desk and chair
- Guest seating (2-4)

HIGH SCHOOL

ADMINISTRATION
SPACE DESCRIPTIONS &
RELATIONSHIPS

FLEX/MISCELLANEOUS OFFICE

General Concept and Activities
These offices should be designed flexible in layout so it can also accommodate different functions such as a testing room or small conference space during the life of the facility. The room should accommodate up to 4 people comfortably.

Primary and Secondary Users
Administrative staff
Parents
Students

Relationship and Organization
This office should be close to the main hallway to be accessed easily by students. The office should also be along the administrative corridor.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
• Walls: minimum STC 50
• Ceilings: minimum CAC 35, NRC .70

WRITING / DISPLAY SPACES
• Tackboard

FLOORING
• Carpet Tiles

WINDOWS / DOORS
• Hollow Metal (HM) or aluminum frame/ storefront, with insulating clear glazing. Low-E glazing where applicable. Roller window shades/ blinds.
• Doors (Interior): Solid Wood Core with vision-lite; HM or aluminum frame.

• Hardware: Thumb-locks to allow Classrooms to be locked from the inside without the use of a key.
• Access control to be provided as well.

CASEWORK
• None

LIGHTING
• Natural daylighting
• Overhead fixtures - indirect, if possible
• Energy efficient light switches
• Light sensors

PLUMBING
• None

ELECTRICAL/DATA
• One duplex receptacle on each wall in addition to power/data for printer.
• Provide two (2) duplex/data locations on perpendicular walls for multiple desk layout options.

HVAC
• Energy efficient HVAC unit pack

TECHNOLOGY / COMMUNICATIONS
• Wireless Access Point(s)

FURNITURE FOR THE SPACE
• Desk and chair
• Round table and guest seating (2-4)

HIGH SCHOOL

ADMINISTRATION
SPACE DESCRIPTIONS & RELATIONSHIPS

COUNSELOR'S OFFICE

General Concept and Activities
These offices will be used by school counselors. Meeting with parents, students and other staff will be held in this space.

Primary and Secondary Users
Staff
Parents
Students

Relationship and Organization
This office should be close to the main hallway to be accessed by students easily. The office should also be along with administrative corridor.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
- Walls: minimum STC 50
- Ceilings: minimum CAC 35, NRC .70

WRITING / DISPLAY SPACES
- Tackboard

FLOORING
- Carpet Tiles

WINDOWS / DOORS
- Hollow Metal (HM) or aluminum frame/ storefront, with insulating clear glazing. Low-E glazing where applicable. Roller window shades/ blinds.
- Doors (Interior): Solid Wood Core with vision-lite; HM or aluminum frame.

CASEWORK
- None

LIGHTING
- Natural daylighting
- Overhead fixtures - indirect, if possible
- Energy efficient light switches
- Light sensors

PLUMBING
- None

ELECTRICAL/DATA
- Duplex/data receptacles on each wall in addition to power for computer/printer

HVAC
- Energy efficient HVAC unit pack

TECHNOLOGY / COMMUNICATIONS
- Wireless Access Point(s)

FURNITURE FOR THE SPACE
- Desk and chair
- Round table and guest seating (2-4)

HIGH SCHOOL

ADMINISTRATION
SPACE DESCRIPTIONS & RELATIONSHIPS

ATTENDANCE OFFICE

General Concept and Activities
This office is for the campus Attendance Clerk. Meeting with parents, students and other staff will be held in this space.

Primary and Secondary Users
Staff
Parents
Students

Relationship and Organization
This office should be close to the main hallway to be accessed by students easily. The office should also be along with administrative corridor.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
- Walls: minimum STC 50
- Ceilings: minimum CAC 35, NRC .70

WRITING / DISPLAY SPACES
- Tackboard

FLOORING
- Carpet Tiles

WINDOWS / DOORS
- Hollow Metal (HM) or aluminum frame/ storefront, with insulating clear glazing. Low-E glazing where applicable. Roller window shades/ blinds.
- Doors (Interior): Solid Wood Core with vision-lite; HM or aluminum frame.

CASEWORK
- Pass-thru window to campus

LIGHTING
- Natural daylighting
- Overhead fixtures - indirect, if possible
- Energy efficient light switches
- Light sensors
- Consider task lights at workspace

PLUMBING
- None

ELECTRICAL/DATA
- Duplex/data receptacles on each wall in addition to power for computer/printer

HVAC
- Energy efficient HVAC unit pack

TECHNOLOGY / COMMUNICATIONS
- Wireless Access Point(s)

FURNITURE FOR THE SPACE
- Desk and chair
- Round table and guest seating (2-4)

HIGH SCHOOL

ADMINISTRATION
SPACE DESCRIPTIONS & RELATIONSHIPS

SCHOOL RESOURCE OFFICER

General Concept and Activities
Office for School Resource Officer and holding area for elevated discipline issues.

Primary and Secondary Users
Staff
Parents
Students

Relationship and Organization
Locate close to administration area, but with easy access to vehicular exit and with direct door access to classroom areas.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
- Walls: minimum STC 50
- Ceilings: minimum CAC 35, NRC .70

WRITING / DISPLAY SPACES
- Tackboard

FLOORING
- Carpet Tiles

WINDOWS / DOORS
- Hollow Metal (HM) or aluminum frame/ storefront, with insulating clear glazing. Low-E glazing where applicable. Roller window shades/ blinds.
- Doors (Interior): Solid Wood Core with vision-lite; HM or aluminum frame..
- Door glass/windows should be tinted to only allow viewing from inside out (should not be able to view into SRO office from hallway).
- Access control to be provided as well.

CASEWORK
- None

LIGHTING
- Natural daylighting
- Overhead fixtures - indirect, if possible
- Energy efficient light switches
- Light sensors
-

PLUMBING
- None

ELECTRICAL/DATA
- Duplex/data receptacles on each wall in addition to power for computer/printer

HVAC
- Energy efficient HVAC unit pack

TECHNOLOGY / COMMUNICATIONS
- Wireless Access Point(s)

FURNITURE FOR THE SPACE
- Desk and chair
- Guest seating (2) in Office
- Guest seating (6-8) outside of SRO office near AP/ Counseling Suite

HIGH SCHOOL

ADMINISTRATION
SPACE DESCRIPTIONS & RELATIONSHIPS

RECORDS ROOM

General Concept and Activities
This room is for administrative staff to store past and current student records. Back up records in digital format may also be stored here. Only administrative staff and teachers should access this room.

Primary and Secondary Users
Staff
Teachers

Relationship and Organization
This office should be close to the counselor's office.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
- Walls: minimum STC 50
- Ceilings: minimum CAC 35, NRC .70

WRITING / DISPLAY SPACES
- Small tackboard

FLOORING
- Carpet Tiles

WINDOWS / DOORS
- Doors (Interior): Solid Wood Core - Fire rated, HM or aluminum frame

CASEWORK
- None

LIGHTING
- Overhead fixtures - indirect, if possible
- Energy efficient light switches
- Light sensors

PLUMBING
- None

ELECTRICAL/DATA
- Duplex/data receptacles on two walls

HVAC
- Energy efficient HVAC unit pack

TECHNOLOGY / COMMUNICATIONS
- None

FURNITURE FOR THE SPACE
- Vertical or lateral files
- If room is not 2-hour fire rated, consider fire-proof storage files
- Small table

HIGH SCHOOL

ADMINISTRATION
SPACE DESCRIPTIONS &
RELATIONSHIPS

HEALTH SPACE/TREATMENT/COT AREA

General Concept and Activities
This space is where nurse, health clerk or other staff members can address students who are feeling ill. Students may also wait in this space for parent pick up.

Eye exams and other exams may also take place in this space. There may not be a full time nurse at campus therefore health clinic may be supported by administrative staff.

Primary and Secondary Users
Nurse / Staff
Parents
Students

Relationship and Organization
This space should be located within the clinic with direct access to Nurse desk and wheelchair storage space.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
• Walls: minimum STC 50
• Ceilings: minimum CAC 35, NRC .70

WRITING / DISPLAY SPACES
• Tackboard

FLOORING
• Resilient flooring at treatment/cot area

WINDOWS / DOORS
• Doors (Interior): Solid Wood Core with vision-lite; HM or aluminum frame.

CASEWORK
• Upper cabinet (lockable) with cubbies to separate individual student medications.
• Tall cabinet with adjustable shelves.
• Refrigerator
• Ice Maker
• Base cabinet with sink
• Eye Chart - Provide minimum 11' clear floor area to allow for eye exams.

LIGHTING
• Overhead fixtures - indirect, if possible
• Energy efficient light switches
• Light sensors
• Consider task lights at workspace
• Separate switching for lights at cots

PLUMBING
• Hot and cold water to sink

ELECTRICAL/DATA
• Duplex/data receptacles on each wall in addition to power for computer/printer

HVAC
• Energy efficient HVAC unit pack

TECHNOLOGY / COMMUNICATIONS
• Wireless Access Point(s)

FURNITURE FOR THE SPACE
• Desk and chair
• Guest seating (1-2)
• Cots (4)
• Privacy Curtains (4) - between cots
• Chairs (4)

HIGH SCHOOL

ADMINISTRATION
SPACE DESCRIPTIONS & RELATIONSHIPS

HEALTH RESTROOM

General Concept and Activities
Restroom to support Health Clinic (students and staff).

Primary and Secondary Uses
Staff
Students

Relationship and Organization
To be located with easy access to treatment area. Consider sight-lines and privacy for location.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
- Walls: minimum STC 50
- Ceilings: minimum CAC 35, NRC .70

WRITING/DISPLAY SPACES
- None

FLOORING
- Porcelain tile

WINDOWS/DOORS
- Doors (Interior): Solid Wood Core with vision-lite; HM or aluminum frame.
- No windows for privacy

CASEWORK
- Restroom accessories including mirror
- Hand sanitizer dispenser
- 4" deep wall cabinet over toilet

LIGHTING
- Overhead fixtures
- Energy efficient light switches
- Light sensors

PLUMBING
- Cold water to sink
- Plumbing to toilet

ELECTRICAL/DATA
- GFCI outlets on one wall

HVAC
- Energy efficient HVAC unit pack
- Exhaust

TECHNOLOGY / COMMUNICATIONS
- None

FURNITURE FOR THE SPACE
- Hooks on wall in Clinic Restroom
- Restroom should be able to accommodate hoist for handicap users
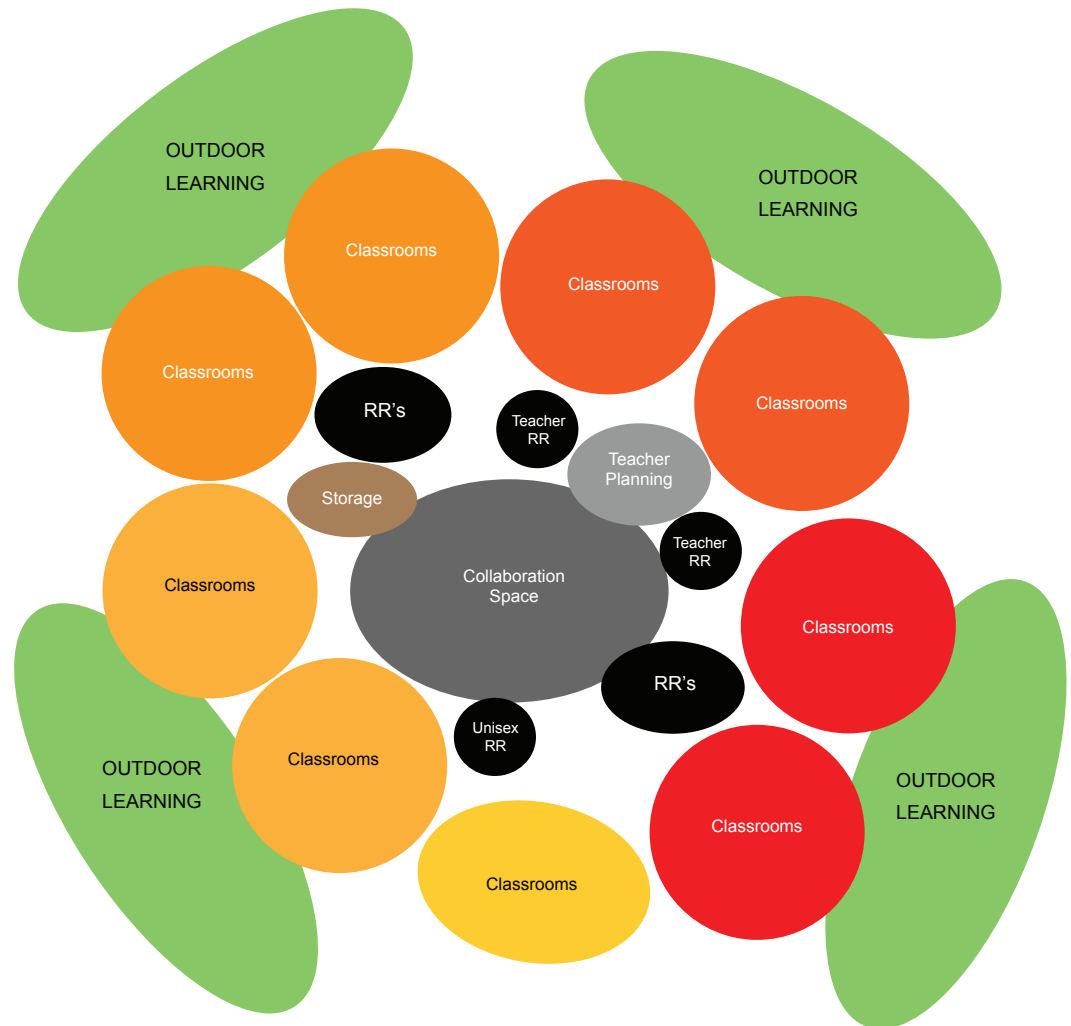
HIGH SCHOOL

LEARNING SPACES

HIGH SCHOOL

LEARNING SPACES
PROGRAM OF SPACES

SPACE	1,750 Students			2,500 Students		
	Qty	SF	Total	Qty	SF	Total
Classrooms	40	960	38,400	48	960	46,080
Restrooms	8	180	1,440	10	180	1,800
Unisex Restrooms (1 per grade)	4	80	320	4	80	320
Teacher Restroom (2 per grade)	8	80	640	8	80	640
Collaboration Space (1 per grade)	4	1,000	4,000	4	1,000	4,000
Teacher Workroom/						
Planning (1 per grade)	4	240	960	4	240	960
Storage (1 per grade)	4	150	600	4	150	600
General Science Lab	8	1,350	10,800	8	1,350	10,800
Science Prep Room	4	100	400	4	100	400
Chemistry Lab	1	1,350	1,350	1	1,350	1,350
Chemical Storage	1	100	100	1	100	100
Subtotal			**59,010**	**Subtotal**		**67,050**

*Total number of classrooms will vary by campus. Figures listed here need to be confirmed based on individual campus needs.

HIGH SCHOOL

LEARNING SPACES ADJACENCY

OUTDOOR LEARNING

OUTDOOR LEARNING

OUTDOOR LEARNING

OUTDOOR LEARNING

Classrooms

Classrooms

Classrooms

Classrooms

Classrooms

Classrooms

Classrooms

Classrooms

Classrooms

Classrooms

RR's

RR's

Teacher RR

Teacher RR

Teacher Planning

Storage

Collaboration Space

Unisex RR

HIGH SCHOOL

LEARNING SPACES
SPACE DESCRIPTIONS & RELATIONSHIPS

TYPICAL CLASSROOMS

General Concept and Activities:
The standard Classrooms will be organized to facilitate an interdisciplinary, learner-centered approach to instruction with full integration of technology and a focus on hands on learning. The 9th - 12th grade classroom facilities must be agile and flexible to accommodate a variety of instructional activities in alignment with JUSD's guiding principles. Class areas should provide active and passive spaces that encourage different types of learning styles; from large lecture to small group to individual work.

Primary and Secondary Uses
Teachers
Students

Relationship and Organization
The Classrooms are organized in a cluster around a central Campus Hub. Classrooms shall have the ability to open up to outdoor learning courtyards that extend the learning outdoors.

Classrooms shall be technology rich to support student centered learning, as well as support the district's focus on hands on learning.

High-performance learning environment elements such as flexible, movable furniture, good indoor air quality, diffused natural daylight, light level selection, exterior views, superior acoustical performance, comfortable thermal setting and controllability, improved ventilation, should be included in all areas.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
- Walls: minimum STC 50
- Ceilings: minimum CAC 35, NRC .70

WRITING/DISPLAY SPACES
- Magnetic whiteboard - one 12' markerboard flanked by two 4' markerboards
- Tackboards on all other walls

FLOORING
- Carpet Tiles

WINDOWS/DOORS
- Windows: Provide reflective window tint.
- Hollow Metal (HM) or aluminum frame/ storefront, with insulating clear glazing. Low-E glazing where applicable. Roller window shades/ blinds. Shades to allow 3% opening. Windows shall not extend to floor.
- Doors (Interior): Solid Wood Core with vision-lite; HM or aluminum frame..
- Hardware: Thumb-locks to allow Classrooms to be locked from the inside without the use of a key.
- Access control to be provided as well.

CASEWORK
- One wall to have one teachers wardrobe, and tall storage units (lockable)
- One tall, locking storage unit
- Provide backpack storage - District may consider mobile carts

LIGHTING
- Natural daylighting through glazing with easily adjustable baffles for control
- Overhead fixtures
- Energy efficient light switches
- Light sensors

PLUMBING
- Cold water to sink at age appropriate height

ELECTRICAL/DATA
- Two (2) duplex receptacles above counter
- Two (2) duplex receptacles along each wall
- Three (3) computer drops for teachers.

HVAC
- Energy efficient HVAC unit pack located outside classroom to avoid mechanical noise

TECHNOLOGY / COMMUNICATIONS
- Wireless Access Point(s)
- One (1) mounted projection device
- Provide charging stations

FURNITURE FOR THE SPACE (varies by grade level)
- Student desks and chairs for 34 (moveable and can be arranged into multiple configurations), with two (2) standing height desks and 12" high desks for floor activities
- Soft seating for reading
- Stools for standing height tables
- Adjustable teachers podium and stool.
- Six (6) wobbly stools

HIGH SCHOOL

LEARNING SPACES
SPACE DESCRIPTIONS & RELATIONSHIPS

COLLABORATION SPACE

General Concept and Activities:
The collaboration space should be designed to extend the learning outside the classrooms. Transparency from the classrooms to this space is require by including sidelights next to classroom doors or movable walls. Access can be provided between groups of classrooms to foster cross-collaboration teaching. Collaboration spaces should be flexible with moveable, group-able furnishings. A variety of activities including makerspace activities, team teaching, small group work could occur in this space. Design for adequate power outlets, wireless technology, and charging stations for mobile devices to maximize flexibility. Storage should be provided within the space.

Primary and Secondary Uses
Teachers
Students

Relationship and Organization
The collaboration space should be located central to classrooms.

Features of the Space
High-performance learning environment elements such as flexible, movable furniture, good indoor air quality, diffused natural daylight, light level selection, exterior views, superior acoustical performance, comfortable thermal setting and controllability, improved ventilation, should be included in all areas.

ENVIRONMENTAL SOUND CONTROL
- Walls: minimum STC 50
- Ceilings: minimum CAC 35, NRC .70
- Quiet HVAC systems
- Provide quality acoustic properties conducive for instructional purposes in all spaces and adjoining walls

WRITING/DISPLAY SPACES
- Magnetic whiteboards
- Tackboard

FLOORING
- Carpet Tiles

WINDOWS/DOORS
- Windows: Hollow Metal (HM) or aluminum frame/storefront, with insulating clear glazing. Low-E glazing where applicable. Roller window shades/ blinds.
- Doors (Interior): Solid Wood Core with vision-lite; HM or aluminum frame.

CASEWORK
- Teacher storage along one wall for classroom materials.

LIGHTING
- Natural daylighting through glazing with easily adjustable baffles for control
- Overhead fixtures
- Energy efficient light switches
- Light sensors

PLUMBING
- None

ELECTRICAL/DATA
- Wireless infrastructure
- Electrical quad outlets at each data port
- 1 (2) port with duplex outlet for 2 printer locations
- Wall mounted clock/ intercom
- 1 AV outlet
- Wall mounted outlet for intrusion detection motion sensor
- Ceiling mounted speaker
- Outlets on multiple walls for charging

HVAC
- Energy efficient HVAC unit pack
- Digital display thermostats with override capability and temperature adjustment (with preset limits)

TECHNOLOGY / COMMUNICATIONS
- Wireless Access Point(s)
- One (1) mounted projection device

FURNITURE FOR THE SPACE
- Moveable, group-able, technology enabled tables and chairs
- Soft seating for reading
- Mobile workstation and task chair
- Mobile storage

HIGH SCHOOL

LEARNING SPACES
SPACE DESCRIPTIONS & RELATIONSHIPS

TEACHER PLANNING ROOM/WORKROOM

General Concept and Activities
The workroom may be used by the teachers for a variety of activities. Supplies and copy paper for the classroom would be stored in this room.

Primary and Secondary Uses
Teachers
Staff

Relationship and Organization
This space should be located close to classrooms and collaboration.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
- Walls: minimum STC 50
- Ceilings: minimum CAC 35, NRC .70
- Provide quality acoustic properties conducive for instructional purposes in all spaces and adjoining walls

WRITING / DISPLAY SPACES
- Tackboards
- 12' markerboard

FLOORING
- Resilient flooring

WINDOWS / DOORS
- Windows: Hollow Metal (HM) or aluminum frame/ storefront, with insulating clear glazing. Low-E glazing where applicable. Roller window shades/ blinds
- Doors (Interior): Solid Wood Core with vision-lite; HM or aluminum frame.
- Hardware: Thumb-locks to allow Classrooms to be locked from the inside without the use of a key.
- Access control to be provided as well.

CASEWORK
- Standing height counter with lower and upper cabinets, lockable
- Sink at base cabinet

LIGHTING
- Overhead fixtures - indirect, if possible
- Energy efficient light switches
- Light sensors

PLUMBING
- Hot and cold water to sink

ELECTRICAL/DATA
- Electrical/ data/ phone/ intercom at meeting table
- Electrical duplex/ data 1 (2) port for printer
- Additional above counter electrical outlets
- Audio Visual
- Additional data/ electrical ports as required for equipment
- Ceiling mounted speaker

HVAC
- Energy efficient HVAC unit pack

TECHNOLOGY / COMMUNICATIONS
- Wireless Access Point(s)

FURNITURE FOR THE SPACE
- Under-counter refrigerator.
- Stools/chairs for work at counter
- Small flip/nest worktables and chairs

HIGH SCHOOL

LEARNING SPACES
SPACE DESCRIPTIONS & RELATIONSHIPS

RESTROOM

General Concept and Activities
Restrooms space for classroom wing.

Primary and Secondary Uses
Students
Teachers

Relationship and Organization
To be located with easy access to classrooms. Consider sight-lines and privacy for location.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
- Walls: minimum STC 50
- Ceilings: minimum CAC 35, NRC .70

WRITING/DISPLAY SPACES
- None

FLOORING
- Porcelain tile

WINDOWS/DOORS
- Doors (Interior): Solid Wood Core with vision-lite; HM or aluminum frame.
- No windows for privacy

CASEWORK
- Restroom accessories including mirror
- Hand sanitizer dispenser

LIGHTING
- Overhead fixtures
- Energy efficient light switches
- Light sensors
- Hand sanitizer dispenser

PLUMBING
- Cold water to sink
- Plumbing to toilet

ELECTRICAL/DATA
- GFCI outlets on one wall

HVAC
- Energy efficient HVAC unit pack
- Exhaust

TECHNOLOGY / COMMUNICATIONS
- None

FURNITURE FOR THE SPACE
- None

HIGH SCHOOL

LEARNING SPACES
SPACE DESCRIPTIONS & RELATIONSHIPS

SCIENCE LAB

General Concept and Activities

The science labs for the school would provide for science instruction for all students. This is a space that will be used primarily for science instruction. The Science lab features a laboratory design consistent with middle school curriculum requirements as well as applicable safety requirements. One lab should be designed to allow for instruction in chemistry. Activities will include hands-on projects, experiments and lab projects, as well as large and small group instruction demonstrations and multimedia presentations. An adjacent outdoor learning area with tables and seating, a garden area, or access to wetlands can expand the science lab environment.

Primary and Secondary Uses

Students
Teachers

Relationship and Organization

Science labs should be located close to upper level classrooms and ideally with access to outdoor space.

Features of the Space

Accommodations for safety equipment (fire extinguisher, first aid kit, eye wash stations should be provided as well as appropriate ventilation for hazardous materials that emit noxious fumes, including high volume purge system in the event of accidental release of toxic substances which may become airborne

ENVIRONMENTAL SOUND CONTROL
- Walls: minimum STC 50
- Ceilings: minimum CAC 35, NRC .70

WRITING / DISPLAY SPACES
- Tackboards
- Small markerboard

FLOORING
- Resilient flooring or sealed concrete

WINDOWS/DOORS
- Windows: Hollow Metal (HM) or aluminum frame/ storefront, with insulating clear glazing. Low-E glazing where applicable. Roller window shades/ blinds
- Doors (Interior): Solid Wood Core with vision-lite; HM or aluminum frame.
- Access control to be provided as well.

CASEWORK
- Secured storage areas for volatile, flammable, and corrosive chemicals that is in accordance with the District's Hazardous Materials Storage Policy
- 6-8 mobile lab stations accommodating teams of 4, with epoxy resin countertops/integral sinks
- Teacher demo station with integral computer workstation, and sink
- 1-2 tall cabinets for equipment storage/microscope storage and display
- Safety Goggle storage and sterilization cabinet

LIGHTING
- Natural lighting
- Overhead fixtures
- Energy efficient light switches
- Light sensors

PLUMBING
- Water to eye/wash emergency shower with drain
- Lab sinks with hot and cold water
- Gas connection with master shut-off for gas
- Acid waste plumbing - avoid under sink clean out if possible

ELECTRICAL/DATA
- 2 duplex receptacles on each wall in addition to power for computers/technology
- Duplex receptacles above casework and demo station
- Consider power in floor under lab tables

HVAC
- Energy efficient HVAC unit pack
- Exhaust fume hood

TECHNOLOGY / COMMUNICATIONS
- Wireless Access Point(s)
- One (1) mounted projection device

FURNITURE FOR THE SPACE
- Movable lab tables with resin tops
- Stools or chairs
- Mobile cart for lab supplies
-

SCIENCE PREP ROOM/CHEMICAL STORAGE

General Concept and Activities
The Science Prep/Storage room should function as a lab prep room and science equipment storage and will be used by both staff and students to gather supplies for a class lab. The space could also be used for student make up labs and tests, and support independent projects.

Primary and Secondary Uses
Teachers
Students

Relationship and Organization
To be located adjacent to Science Labs, preferably between with access from both.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
- Walls: minimum STC 50
- Ceilings: minimum CAC 35, NRC .70

WRITING/DISPLAY SPACES
- Tackboard

FLOORING
- Resilient flooring or sealed concrete

WINDOWS/DOORS
- Doors (Interior): Solid Wood Core with vision-lite; HM or aluminum frame.

CASEWORK
- 1-2 lab stations with epoxy resin countertops/integral sinks
- 1-2 tall cabinets for equipment storage/microscope storage and display
- Analyze proposed chemical use in labs and consider if chemical storage cabinets are required
- Earthquake shelving for chemicals

LIGHTING
- Overhead fixtures
- Energy efficient light switches
- Light sensors

PLUMBING
- Lab sinks with hot and cold water
- Acid waste plumbing - avoid under sink clean out if possible

ELECTRICAL/DATA
- Two (2) duplex receptacles on each wall
- Duplex receptacles above lab casework
- Power for technology charging station

HVAC
- Energy efficient HVAC unit pack
- Manual exhaust

TECHNOLOGY / COMMUNICATIONS
- Wireless Access Point(s)

FURNITURE FOR THE SPACE
- Stools
- Mobile cart for lab supplies
- Refrigerator - labeled "For Lab Use Only"

HIGH SCHOOL

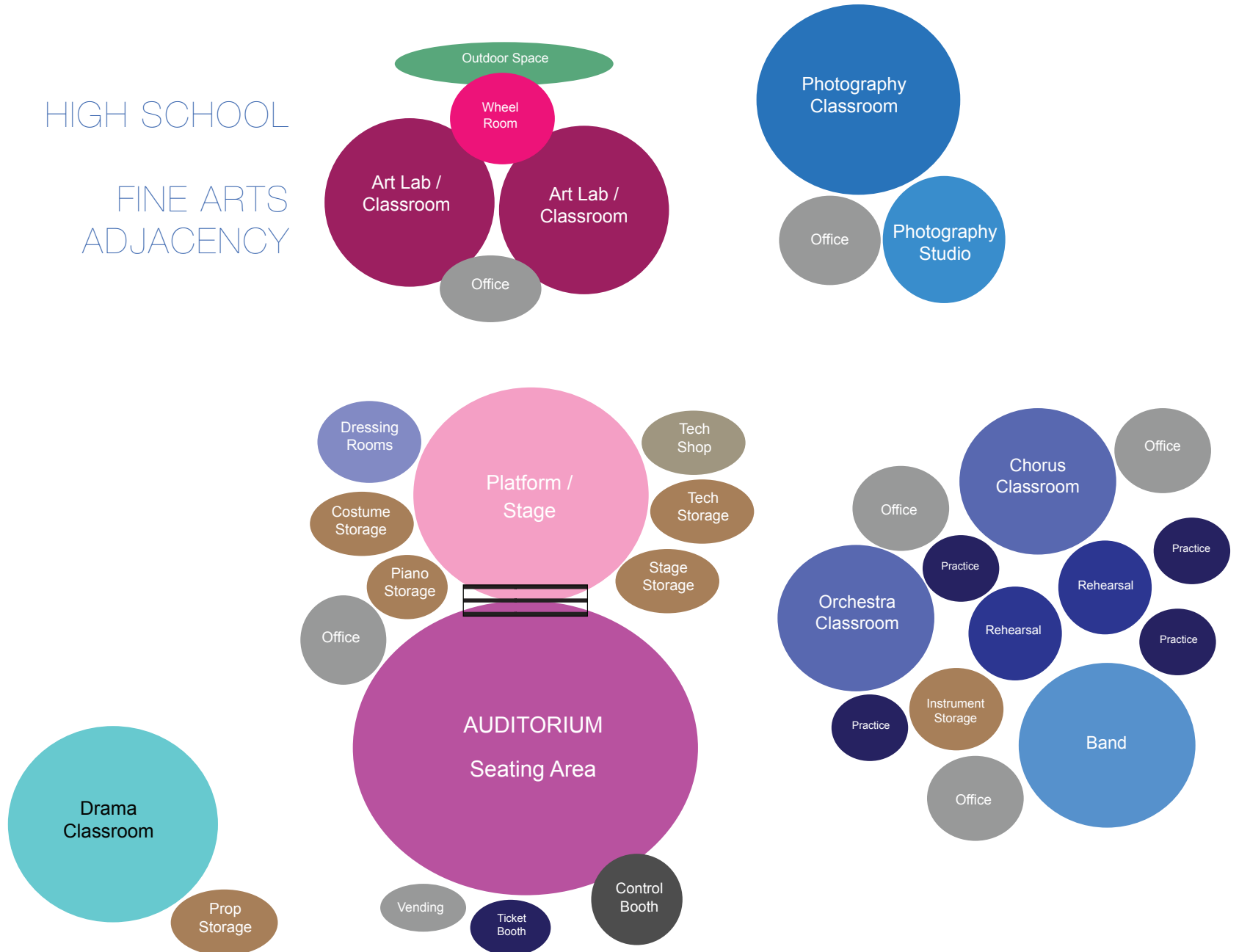# FINE ARTS

HIGH SCHOOL

FINE ARTS
PROGRAM OF SPACES

SPACE	Qty	Space/SF	TOTAL AREA
Auditorium	1	15,000	15,000
Stage	1	3,000	3,000
Control Booth	1	180	180
Stage/Prop Storage	1	200	200
Costume Storage	1	180	180
Tech Shop	1	250	250
Tech Storage	1	150	150
Piano Storage	1	100	100
Dressing Rooms	2	240	480
Ticket Booth	1	100	100
Vending Area	1	150	150
Instrument Storage	1	180	180
Rehearsal Rooms	2	400	800
Practice Rooms	4	80	320
Choir Classroom	1	1,500	1,500
Orchestra Classroom	1	1,500	1,500
Drama Classroom	1	960	960
Prop Storage	1	180	180
Photography Classroom	1	1,250	1,250
Photography Studio	1	200	200
Office	6	120	720
Art Lab	2	1,300	2,600
Wheel Room (Kiln and Storage)*	1	280	280
Band	1	1,800	1,800
Fine Arts Subtotal			**32,080**

*Provide outdoor space for Kiln

- Program offerings may vary by High School

HIGH SCHOOL

FINE ARTS ADJACENCY

Outdoor Space

Wheel Room

Art Lab / Classroom

Art Lab / Classroom

Office

Photography Classroom

Office

Photography Studio

Dressing Rooms

Platform / Stage

Tech Shop

Costume Storage

Tech Storage

Piano Storage

Stage Storage

Office

AUDITORIUM

Seating Area

Drama Classroom

Prop Storage

Vending

Ticket Booth

Control Booth

Office

Chorus Classroom

Office

Practice

Orchestra Classroom

Practice

Rehearsal

Rehearsal

Practice

Practice

Instrument Storage

Band

Office

HIGH SCHOOL

FINE ARTS
SPACE DESCRIPTIONS & RELATIONSHIPS

AUDITORIUM

General Concept and Activities

A performance venue is needed at each high school to support drama and music as well as other campus wide activities like meetings or presentations. The Auditorium will be designed to support multi-purpose activities, but will also include the latest technology in rigging, lighting and sound systems, as well as enhanced acoustical treatments.

Primary and Secondary Uses

Students
Staff
Parents
Community

Relationship and Organization

The Auditorium shall be located close to Fine Arts spaces with direct adjacency to stage. Public restrooms to have direct access from the Auditorium and exterior for use during after school hours. Design consideration should be given to providing outdoor gathering areas directly adjacent to the Auditorium, such as shaded areas, seating, and built in display areas for pre-function support. The Auditorium should be located close to parking for parent after hour use.

Features of the Space

The Auditorium should be designed to provide the setting for all music programs. Provide high quality sound, lighting and acoustic systems. The space should also have integrated technology that supports performance and assembly activities, such as video projection, recording capabilities during performances, and enhanced sound systems.

The Auditorium should be adjacent to the interior courtyard which can be used as a pre-function area, or to accommodate additional seating. Because of the multiple functions of the Auditorium, consider durable finishes and the acoustic qualities of the large space.

ENVIRONMENTAL SOUND CONTROL
• Walls: minimum STC 50
• Ceilings: minimum CAC 35, NRC .70
• Quiet HVAC systems
• High quality acoustic properties in all the spaces and adjoining walls

WRITING/DISPLAY SPACES
• Tackboards

FLOORING
• Carpet tiles in aisles and epoxy flooring under seats.

WINDOWS/DOORS
- Windows: Aluminum frame/storefront, with insulating clear glazing. Low-E glazing where applicable. Roller window shades/ blinds.
- Doors (Exterior): Metal Poly Core with vision-lite; HM or aluminum frame
- Doors (Interior): Solid Wood Core with vision-lite; HM or aluminum frame.

CASEWORK
- Video system/Sound system
- Assistive listening devices
- Auditorium seating with tablet arms for 800

LIGHTING
- Overhead fixtures
- Energy efficient light switches
- Light sensors

PLUMBING
- Drinking fountains with bottle filling capability

ELECTRICAL/DATA
- Ceiling mounted speakers
- Speakers and sound system
- Audio visual player
- Clock system
- Electrical duplex outlets at all data ports
- (4) Flush Floor mounted data outlet (1) port placed throughout; for video recording during productions and day-to-day instruction or assembly activities
- Data outlet (1) port, wall mounted back of the room, two data outlets (2) port on each side wall: 8 total data access points
- Outlets on face of stage and wall for floor mics

HVAC
- Energy efficient HVAC unit pack located outside space to avoid mechanical noise
- Digital display thermostats with override capability and temperature adjustment (with preset limits)

TECHNOLOGY / COMMUNICATIONS
- Wireless Access Point(s)
- One (1) mounted projection device
- Large drop-down presentation screen, location to be finalized with District.

FURNITURE FOR THE SPACE
- Mobile carts equipment

HIGH SCHOOL

FINE ARTS
SPACE DESCRIPTIONS & RELATIONSHIPS

STAGE

General Concept and Activities
The stage is used as a performance space as well presentation space.

Primary and Secondary Uses
Staff
Teachers
Students

Relationship and Organization
The stage should access the Tech Shop for ease of transporting sets and materials. A back-of-house circulation corridor should be provided to link all Fine Arts spaces to Stage.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
- Walls: minimum STC 50
- Ceilings: minimum CAC 35, NRC .70
- Quiet HVAC systems
- High quality acoustic properties in all the spaces and adjoining walls

WRITING/DISPLAY SPACES
- Small markerboard

FLOORING
- Wood floor apron and black painted Masonite flooring behind curtain

WINDOWS/DOORS
- None

CASEWORK
- Stage rigging and lighting
- Curtain at Platform opening

LIGHTING
- Stage lighting
- Lighting appropriate for performances and assembly events

PLUMBING
- None

ELECTRICAL/DATA
- Speakers and microphones
- Ceiling mounted speakers/sound system
- Audio visual player
- Flush Floor mounted data outlet (2) port, microphone and TV points placed at front of platform
- One data outlet (2) port on each wall - 6 total, exclude wall into MPR

HVAC
- Energy efficient HVAC unit pack located outside space to avoid mechanical noise
- Digital display thermostats with override capability and temperature adjustment (with preset limits)

TECHNOLOGY / COMMUNICATIONS
- Wireless Access Point(s)

FURNITURE FOR THE SPACE
- Portable risers
- Music chairs
- Portable acoustical shell

HIGH SCHOOL

FINE ARTS
SPACE DESCRIPTIONS & RELATIONSHIPS

TECH SHOP

General Concept and Activities
The space is used to build sets and scenes for performances.

Primary and Secondary Uses
Staff
Teachers
Students

Relationship and Organization
The Tech Shop should located for ease of transporting sets and materials to the stage and/or storage.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
- Walls: minimum STC 50
- Ceilings: minimum CAC 35, NRC .70
- Quiet HVAC systems
- High quality acoustic properties in all the spaces and adjoining walls

WRITING/DISPLAY SPACES
- Small markerboard

FLOORING
- Wood floor apron and black painted Masonite flooring behind curtain

WINDOWS/DOORS
- Overhead Doors

CASEWORK
- Paint spray-booth

LIGHTING
- Stage lighting
- Lighting appropriate for performances and assembly events

PLUMBING
- Deep basin work sink
- Hand-washing sink

ELECTRICAL/DATA
- Overhead power reels
- Additional power outlets for tools and table saws

HVAC
- Energy efficient HVAC unit pack
- Dust collection system

TECHNOLOGY / COMMUNICATIONS
- Wireless Access Point(s)

FURNITURE FOR THE SPACE
- Worktables and chairs/stools

HIGH SCHOOL

FINE ARTS
SPACE DESCRIPTIONS & RELATIONSHIPS

TECH STORAGE

General Concept and Activities
Storage for materials, scenes/set used for stage/platform performances and presentations.

Primary and Secondary Uses
Staff
Students

Relationship and Organization
Adjacent to stage.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
- Walls: minimum STC 50
- Ceilings: minimum CAC 35, NRC .70

WRITING/DISPLAY SPACES
- None

FLOORING
- Sealed concrete floor

WINDOWS/DOORS
- Doors (Interior): Solid Wood Core with vision-lite; HM or aluminum frame.

CASEWORK
- Adjustable metal shelving

LIGHTING
- Overhead fixtures
- Energy efficient light switches
- Light sensors

PLUMBING
- None

ELECTRICAL/DATA
- None

HVAC
- Energy efficient HVAC unit pack

TECHNOLOGY / COMMUNICATIONS
- None

FURNITURE FOR THE SPACE
- None

HIGH SCHOOL

FINE ARTS
SPACE DESCRIPTIONS & RELATIONSHIPS

STAGE/PROP STORAGE

General Concept and Activities
Storage for props, stage accessories, and materials used for stage/platform performances and presentations.

Primary and Secondary Uses
Staff
Students

Relationship and Organization
Adjacent to stage.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
- Walls: minimum STC 50
- Ceilings: minimum CAC 35, NRC .70

WRITING/DISPLAY SPACES
- None

FLOORING
- Sealed concrete floor

WINDOWS/DOORS
- Doors (Interior): Solid Wood Core with vision-lite; HM or aluminum frame.

CASEWORK
- Adjustable metal shelving

LIGHTING
- Overhead fixtures
- Energy efficient light switches
- Light sensors

PLUMBING
- None

ELECTRICAL/DATA
- None

HVAC
- Energy efficient HVAC unit pack

TECHNOLOGY / COMMUNICATIONS
- None

FURNITURE FOR THE SPACE
- None

HIGH SCHOOL

FINE ARTS
SPACE DESCRIPTIONS & RELATIONSHIPS

COSTUME STORAGE

General Concept and Activities
Storage for costumes and other clothing used for stage/platform performances and presentations.

Primary and Secondary Uses
Staff
Students

Relationship and Organization
Adjacent to stage.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
- Walls: minimum STC 50
- Ceilings: minimum CAC 35, NRC .70

WRITING/DISPLAY SPACES
- None

FLOORING
- Carpet Tiles

WINDOWS/DOORS
- Doors (Interior): Solid Wood Core with vision-lite; HM or aluminum frame.

CASEWORK
- Adjustable metal shelving

LIGHTING
- Overhead fixtures
- Energy efficient light switches
- Light sensors

PLUMBING
- None

ELECTRICAL/DATA
- None

HVAC
- Energy efficient HVAC unit pack

TECHNOLOGY / COMMUNICATIONS
- None

FURNITURE FOR THE SPACE
- Movable clothing racks
- Ironing board and iron

HIGH SCHOOL

FINE ARTS
SPACE DESCRIPTIONS & RELATIONSHIPS

PIANO STORAGE

General Concept and Activities
Storage for piano

Primary and Secondary Uses
Staff
Students

Relationship and Organization
Adjacent to stage.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
- Walls: minimum STC 50
- Ceilings: minimum CAC 35, NRC .70

WRITING/DISPLAY SPACES
- None

FLOORING
- Sealed concrete floor

WINDOWS/DOORS
- Doors: vented overhead door or grille

CASEWORK
- Adjustable metal shelving

LIGHTING
- Overhead fixtures
- Energy efficient light switches
- Light sensors

PLUMBING
- None

ELECTRICAL/DATA
- None

HVAC
- Separate humidity and temperature control

TECHNOLOGY / COMMUNICATIONS
- None

FURNITURE FOR THE SPACE
- None

HIGH SCHOOL

FINE ARTS
SPACE DESCRIPTIONS & RELATIONSHIPS

TICKET BOOTH

General Concept and Activities
This space will be used to sell tickets to performances/ events at the Auditorium.

Primary and Secondary Users
Staff
Parents
Students

Relationship and Organization
Should be located adjacent to the Auditorium lobby.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
- Walls: minimum STC 50
- Ceilings: minimum CAC 35, NRC .70

WRITING / DISPLAY SPACES
- Tackboard

FLOORING
- Carpet Tiles

WINDOWS / DOORS
- Hollow Metal (HM) or aluminum frame/ storefront, with insulating clear glazing. Low-E glazing where applicable. Roller window shades/ blinds.
- Doors (Interior): Solid Wood Core with vision-lite; HM or aluminum frame.

CASEWORK
- Built-in counter
- Overhead door at counter

LIGHTING
- Natural daylighting
- Overhead fixtures - indirect, if possible
- Energy efficient light switches
- Light sensors
- Consider task lights at workspace

PLUMBING
- None

ELECTRICAL/DATA
- Duplex/data receptacles on each wall in addition to power for computer/printer

HVAC
- Energy efficient HVAC unit pack

TECHNOLOGY / COMMUNICATIONS
- Wireless Access Point(s)

FURNITURE FOR THE SPACE
- Chairs (2-3)

HIGH SCHOOL

FINE ARTS
SPACE DESCRIPTIONS & RELATIONSHIPS

CONTROL BOOTH

General Concept and Activities
Control booth is for performances and presentation to control sound and lighting from a secluded space.

Primary and Secondary Uses
Staff
Community

Relationship and Organization
To be located within the Auditorium.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
- Walls: minimum STC 50
- Ceilings: minimum CAC 35, NRC .70
- Quiet HVAC system
- High quality acoustic properties in all the spaces and adjoining walls

WRITING/DISPLAY SPACES
- None

FLOORING
- Carpet Tiles

WINDOWS/DOORS
- Doors (Interior): Solid Wood Core with vision-lite; HM or aluminum frame.
- Sliding window to Auditorium House, lockable

CASEWORK
- Deep set counter for sound/lighting board
- High cabinet for storing lamps and light fixtures
- Sound board
- Lighting board
- Microphone paging system to communicate with platform and dressing rooms etc.
- Dimmable lighting over counter
- TV/ video monitor

LIGHTING
- Overhead fixtures
- Energy efficient light switches
- Light sensors

PLUMBING
- None

ELECTRICAL/DATA
- Ceiling mounted speakers
- Telephone/intercom
- Electrical duplex outlets at all data ports
- Data outlet (1) port for sound and lighting panels
- Intercom to classrooms and back of-house areas

TECHNOLOGY / COMMUNICATIONS
- Wireless Access Point(s)
- Sound system connections

HVAC
- Energy efficient HVAC unit pack located outside space to avoid mechanical noise

FURNITURE FOR THE SPACE
- Two chairs with casters

HIGH SCHOOL

FINE ARTS
SPACE DESCRIPTIONS & RELATIONSHIPS

VENDING

General Concept and Activities
This space will be used to sell snacks and drinks.

Primary and Secondary Users
Staff
Parents
Students

Relationship and Organization
Should be located adjacent to the Auditorium lobby.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
- Walls: minimum STC 50
- Ceilings: minimum CAC 35, NRC .70

WRITING / DISPLAY SPACES
- Tackboard

FLOORING
- Resilient flooring or sealed concrete

WINDOWS / DOORS
- Hollow Metal (HM) or aluminum frame/ storefront, with insulating clear glazing. Low-E glazing where applicable. Roller window shades/ blinds.
- Doors (Interior): Solid Wood Core with vision-lite; HM or aluminum frame.

CASEWORK
- Built-in counter
- Overhead door at counter

LIGHTING
- Natural daylighting
- Overhead fixtures - indirect, if possible
- Energy efficient light switches
- Light sensors

PLUMBING
- None

ELECTRICAL/DATA
- Duplex/data receptacles on each wall in addition to power

HVAC
- Energy efficient HVAC unit pack

TECHNOLOGY / COMMUNICATIONS
- Wireless Access Point(s)

FURNITURE FOR THE SPACE
- Chairs (2-3)
- Table

HIGH SCHOOL

FINE ARTS
SPACE DESCRIPTIONS & RELATIONSHIPS

OFFICE(S)

General Concept and Activities
These offices will be used by Fine Arts teachers. Meeting with parents, students and other staff will be held in this space.

Primary and Secondary Users
Staff
Parents
Students

Relationship and Organization
These offices should be close to the Fine Art spaces such as choir, band, orchestra, drama, photography, etc. Offices should be easily accessible by students.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
- Walls: minimum STC 50
- Ceilings: minimum CAC 35, NRC .70

WRITING / DISPLAY SPACES
- Tackboard

FLOORING
- Carpet Tiles

WINDOWS / DOORS
- Hollow Metal (HM) or aluminum frame/ storefront, with insulating clear glazing. Low-E glazing where applicable. Roller window shades/ blinds.
- Doors (Interior): Solid Wood Core with vision-lite; HM or aluminum frame.

CASEWORK
- None

LIGHTING
- Natural daylighting
- Overhead fixtures - indirect, if possible
- Energy efficient light switches
- Light sensors

PLUMBING
- None

ELECTRICAL/DATA
- Duplex/data receptacles on each wall in addition to power for computer/printer

HVAC
- Energy efficient HVAC unit pack

TECHNOLOGY / COMMUNICATIONS
- Wireless Access Point(s)

FURNITURE FOR THE SPACE
- Desk and chair
- Guest seating (2-4)

HIGH SCHOOL

FINE ARTS
SPACE DESCRIPTIONS & RELATIONSHIPS

DRESSING ROOMS)

General Concept and Activities
Space will be used for dressing and undressing for rehearsal and performances. Make up and hair will also be done in this space.

Primary and Secondary Users
Staff
Parents
Students

Relationship and Organization
These offices should be close to the Fine Art spaces such as choir, band, orchestra, drama, photography, etc. Offices should be easily accessible by students.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
- Walls: minimum STC 50
- Ceilings: minimum CAC 35, NRC .70

WRITING / DISPLAY SPACES
- Tackboard

FLOORING
- Resilient flooring

WINDOWS / DOORS
- Hollow Metal (HM) or aluminum frame/ storefront, with insulating clear glazing. Low-E glazing where applicable. Roller window shades/ blinds.
- Doors (Interior): Solid Wood Core with vision-lite; HM or aluminum frame.

CASEWORK
- Built-in counter with mirrors above

LIGHTING
- Overhead fixtures - indirect, if possible
- Make-up lighting around mirrors
- Energy efficient light switches
- Light sensors
- Consider task lights at workspace

PLUMBING
- None

ELECTRICAL/DATA
- Duplex/data receptacles on each wall in addition to multiple outlets above counter (below mirrors)

HVAC
- Energy efficient HVAC unit pack

TECHNOLOGY / COMMUNICATIONS
- Wireless Access Point(s)

FURNITURE FOR THE SPACE
- Chairs at counter (3-4)
- Rolling garment rack

HIGH SCHOOL

FINE ARTS
SPACE DESCRIPTIONS & RELATIONSHIPS

REHEARSAL ROOMS/PRACTICE ROOMS

General Concept and Activities
Rehearsal space for individuals or small groups.

Primary and Secondary Uses
Students
Teachers

Relationship and Organization
The space should be located adjacent to the Music Classroom/Lab and Band Room.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
- Walls: minimum STC 50
- Ceilings: minimum CAC 35, NRC .70

WRITING/DISPLAY SPACES
- Magnetic whiteboard - two 4' markerboards (one 4' with staff)
- Tackboards on all other walls

FLOORING
- Carpet or resilient flooring

WINDOWS/DOORS
- Doors (Interior): Acoustical Solid Wood Core with vision-lite; HM or aluminum frame

CASEWORK
- None

LIGHTING
- Overhead fixtures
- Energy efficient light switches
- Light sensors

PLUMBING
- None

ELECTRICAL/DATA
- Electrical outlets on walls

HVAC
- Energy efficient HVAC unit pack

TECHNOLOGY / COMMUNICATIONS
- None

FURNITURE FOR THE SPACE
- Chairs or stools

HIGH SCHOOL

FINE ARTS
SPACE DESCRIPTIONS & RELATIONSHIPS

CHOIR CLASSROOM

General Concept and Activities

The choir classroom should support everyday choral instruction, and should include all necessary support spaces for this program. This specification includes two dedicated spaces for music instruction. This room should support every day music instruction, should include storage. The classroom can also have multiple use, as it can be used as a green room or staging room during performances.

Primary and Secondary Uses

Students
Teachers

Relationship and Organization

The classroom should be located close to the Auditorium and adjacent to other Fine Arts spaces.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
- Walls: minimum STC 50
- Ceilings: minimum CAC 35, NRC .70
- High quality acoustic properties in all the spaces and adjoining walls

WRITING/DISPLAY SPACES
- Magnetic whiteboard - one 12' markerboard flanked by two 4' markerboards (one 4' with staff)
- Tackboards on all other walls

FLOORING
- Carpet Tiles

WINDOWS/DOORS
- Doors (Interior): Acoustical Solid Wood Core with vision-lite; HM or aluminum frame

CASEWORK
- Two (2) tall storage units

LIGHTING
- Overhead fixtures
- Energy efficient light switches and sensors

PLUMBING
- None

ELECTRICAL/DATA
- Ceiling mounted speakers
- Audio visual player
- Clock system
- Telephone
- (1) Flush Floor mounted data outlet port with AV
- Three (3) power/data for staff and students

HVAC
- Energy efficient HVAC unit pack located outside office to avoid mechanical noise

TECHNOLOGY / COMMUNICATIONS
- Wireless Access Point(s)
- One (1) mounted projection device

FURNITURE FOR THE SPACE
- High density sheet music cabinet
- 30 Stackable chairs
- Teacher desk and chair
- Piano (1)
- Music Stands & Risers

HIGH SCHOOL

FINE ARTS
SPACE DESCRIPTIONS & RELATIONSHIPS

BAND/ORCHESTRA ROOM

General Concept and Activities
This space is for music instruction. This space to be used for group instruction for students in the band and orchestra programs.

Primary and Secondary Uses
Students
Teachers

Relationship and Organization
This space should be located close to Auditorium and adjacent to other Fine Arts spaces.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
- Walls: minimum STC 50
- Ceilings: minimum CAC 35, NRC .70
- High quality acoustic properties in all the spaces and adjoining walls

WRITING/DISPLAY SPACES
- (Magnetic whiteboard - one 12' markerboard flanked by two 4' markerboards (one 4' with staff)
- Tackboards on all other walls

FLOORING
- Resilient flooring

WINDOWS/DOORS
- Doors (Interior): Acoustical Solid Wood Core with vision-lite; HM or aluminum frame

CASEWORK
- Two (2) tall storage units

LIGHTING
- Overhead fixtures
- Energy efficient light switches
- Light sensors

PLUMBING
- None

ELECTRICAL/DATA
- Ceiling mounted speakers
- Audio visual player
- Clock system
- Telephone
- (1) Flush Floor mounted data outlet port with AV
- Three (3) power/data for staff and students.

HVAC
- Energy efficient HVAC unit pack located outside office to avoid mechanical noise

TECHNOLOGY / COMMUNICATIONS
- Wireless Access Point(s)
- One (1) mounted projection device

FURNITURE FOR THE SPACE
- High density sheet music cabinet
- 30 Stackable chairs
- Teacher desk and chair
- Piano (1)
- Music Stands & Risers

HIGH SCHOOL

FINE ARTS
SPACE DESCRIPTIONS & RELATIONSHIPS

INSTRUMENT STORAGE

General Concept and Activities
Storage for music instruments.

Primary and Secondary Uses
Students
Teachers

Relationship and Organization
The space should be located adjacent to the Music Classroom.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
• Walls: minimum STC 50
• Ceilings: minimum CAC 35, NRC .70

WRITING/DISPLAY SPACES
• None

FLOORING
• Resilient flooring

WINDOWS/DOORS
• Doors (Interior): Solid Wood Core with vision-lite; HM or aluminum frame.

CASEWORK
• Wall mounted braces for large instruments
• Instrument storage cabinets

LIGHTING
• Overhead fixtures
• Energy efficient light switches
• Light sensors

PLUMBING
• Water to drinking fountain with bottle filling capabilities

ELECTRICAL/DATA
• Electrical outlets on walls

HVAC
• Energy efficient HVAC unit pack

TECHNOLOGY / COMMUNICATIONS
• None

FURNITURE FOR THE SPACE
• None

HIGH SCHOOL

FINE ARTS
SPACE DESCRIPTIONS & RELATIONSHIPS

DRAMA CLASSROOM

General Concept and Activities
Drama classroom is for theater arts instruction and rehearsal.

Primary and Secondary Uses
Students
Teachers

Relationship and Organization
The drama classroom should be located close to the Auditorium in the Fine Arts wing of the building.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
- Walls: minimum STC 50
- Ceilings: minimum CAC 35, NRC .70
- High quality acoustic properties in all the spaces and adjoining walls

WRITING/DISPLAY SPACES
- Magnetic whiteboard - one 12' markerboard flanked by two 4' markerboards
- Tackboards on all other walls

FLOORING
- Carpet Tiles

WINDOWS/DOORS
- Doors (Interior): Solid Wood Core with vision-lite; HM or aluminum frame.

CASEWORK
- Two (2) tall storage units

LIGHTING
- Overhead fixtures
- Energy efficient light switches
- Light sensors

PLUMBING
- None

ELECTRICAL/DATA
- Ceiling mounted speakers
- Audio visual player
- Clock system
- Telephone
- (1) Flush Floor mounted data outlet port with AV
- One data outlet (2) ports on each wall: 8 total

HVAC
- Energy efficient HVAC unit pack located outside office to avoid mechanical noise

TECHNOLOGY / COMMUNICATIONS
- Wireless Access Point(s)
- One (1) mounted projection device

FURNITURE FOR THE SPACE
- 30 Stackable chairs
- Teacher desk and chair

HIGH SCHOOL

FINE ARTS
SPACE DESCRIPTIONS & RELATIONSHIPS

ART LAB

General Concept and Activities
The Art Lab will serve all grade levels on campus. Students will work all media types. Projects and activities will include individual as well as group activities.

Primary and Secondary Uses
Students
Teachers

Relationship and Organization
The Art Lab should be adjacent to Art Storage and near other Fine Art program spaces.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
- Walls: minimum STC 50
- Ceilings: minimum CAC 35, NRC .70
- High quality acoustic properties in all the spaces and adjoining walls

WRITING/DISPLAY SPACES
- Magnetic whiteboard - one 12' markerboard flanked by two 4' markerboards
- Tackboards on all other walls

FLOORING
- Resilient flooring or sealed concrete

WINDOWS/DOORS
- Windows: Aluminum frame/storefront, with insulating clear glazing. Low-E glazing where applicable. Roller window shades/ blinds.
- Doors (Exterior): Metal Poly Core with vision-lite; HM or aluminum frame
- Doors (Interior): Solid Wood Core with vision-lite; HM or aluminum frame

CASEWORK
- 2' deep counter and lower cabinets
- Upper Cabinets
- Provide a minimum of 2 sinks, 1 HC accessible-1 deep sink (gooseneck faucet) and plaster trap
- Display cases outside room and throughout campus
- Kiln outside

LIGHTING
- Natural daylighting
- Overhead fixtures
- Energy efficient light switches & sensors

PLUMBING
- Cold water to sinks

ELECTRICAL/DATA
- Ceiling mounted speakers
- Audio visual player
- Clock system
- Telephone/intercom (except MPR)
- (1) Flush Floor mounted data outlet (1) port with AV at secondary teacher location
- Three (3) power/data for staff and students.
- Dedicated electrical outlets for equipment (kiln, potter wheels, etc.)

HVAC
- Energy efficient HVAC unit pack located outside office to avoid mechanical noise
- Digital display thermostats with override capability and temperature adjustment (with preset limits)
- Manual exhaust

TECHNOLOGY / COMMUNICATIONS
- Wireless Access Point(s)
- One (1) mobile projection device

FURNITURE FOR THE SPACE
- Adjustable height tables on lockable casters
- Adjustable height seats
- Teacher desk and chair
- Easels
- Potter wheels
- Stools
- Art drying racks

HIGH SCHOOL

FINE ARTS
SPACE DESCRIPTIONS & RELATIONSHIPS

PHOTOGRAPHY CLASSROOM

General Concept and Activities
Classroom will focus on lessons and practice in the art of photography.

Primary and Secondary Uses
Students
Teachers

Relationship and Organization
Should be adjacent to Photography Studio and in close proximity to other Fine Art spaces.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
- Walls: minimum STC 50
- Ceilings: minimum CAC 35, NRC .70

WRITING/DISPLAY SPACES
- Magnetic whiteboard - one 12' markerboard flanked by two 4' markerboards
- Tackboards on all other walls

FLOORING
- Resilient flooring

WINDOWS/DOORS
- Windows: Aluminum frame/storefront, with insulating clear glazing. Low-E glazing where applicable. Roller window shades/ blinds.
- Doors (Interior): Solid Wood Core with vision-lite; HM or aluminum frame.

CASEWORK
- 2' deep counter and lower cabinets
- Two sinks; one handicap accessible

LIGHTING
- Natural daylighting
- Overhead fixtures
- Energy efficient light switches & sensors

PLUMBING
- Cold water to sinks

ELECTRICAL/DATA
- Ceiling mounted speakers
- Audio visual player
- Clock system
- Telephone
- (1) Flush Floor mounted data outlet (1) port with AV at secondary teacher location
- One data outlet (2) ports on each wall: 8 total data access points
- Provide adequate electrical outlets to support digital photography equipment.

HVAC
- Energy efficient HVAC unit pack located outside office to avoid mechanical noise
- Digital display thermostats with override capability and temperature adjustment (with preset limits)

TECHNOLOGY / COMMUNICATIONS
- Wireless Access Point(s)
- One (1) mobile projection device

FURNITURE FOR THE SPACE
- Movable computers and tables around perimeter

HIGH SCHOOL

FINE ARTS
SPACE DESCRIPTIONS & RELATIONSHIPS

PHOTOGRAPHY STUDIO

General Concept and Activities
Classroom will focus on lessons and practice in the art of photography.

Primary and Secondary Uses
Students
Teachers

Relationship and Organization
Should be adjacent to Photography Studio and in close proximity to other Fine Art spaces.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
- Walls: minimum STC 50
- Ceilings: minimum CAC 35, NRC .70
- High ceilings

WRITING/DISPLAY SPACES
- Tackboards

FLOORING
- Resilient flooring

WINDOWS/DOORS
- Windows: Aluminum frame/storefront, with insulating clear glazing. Low-E glazing where applicable. Roller window shades/ blinds.
- Doors (Interior): Solid Wood Core with vision-lite; HM or aluminum frame.

CASEWORK
- None

LIGHTING
- Natural daylighting
- Overhead fixtures
- Energy efficient light switches & sensors

PLUMBING
- None

ELECTRICAL/DATA
- Ceiling mounted speakers
- Audio visual player
- Clock system
- Telephone/intercom (except MPR)
- (1) Flush Floor mounted data outlet (1) port with AV at secondary teacher location
- One data outlet (2) ports on each wall: 8 total data access points
- Additional outlets for lighting
- Provide adequate electrical outlets to support digital photography equipment.

HVAC
- Energy efficient HVAC unit pack located outside office to avoid mechanical noise
- Digital display thermostats with override capability and temperature adjustment (with preset limits)

TECHNOLOGY / COMMUNICATIONS
- Wireless Access Point(s)
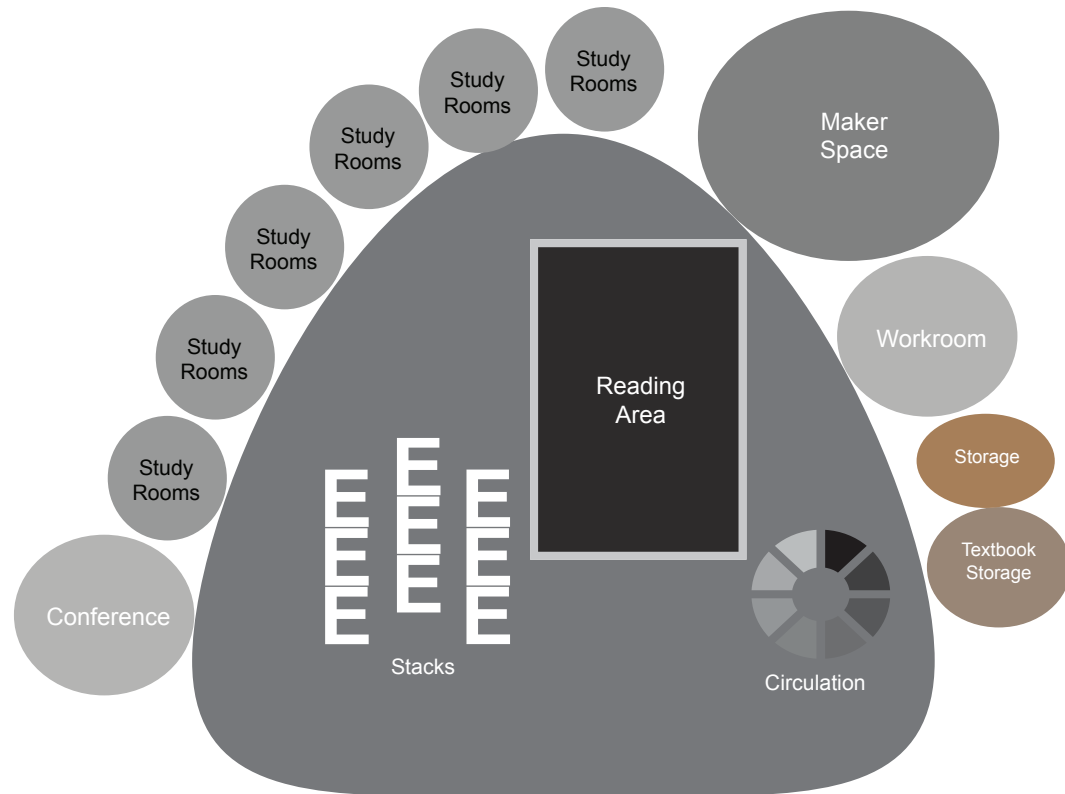
FURNITURE FOR THE SPACE
- Movable storage

HIGH SCHOOL

MEDIA CENTER / LIBRARY

HIGH SCHOOL

MEDIA CENTER / LIBRARY PROGRAM OF SPACES

SPACE	Qty	Space/SF	TOTAL AREA
Circulation Desk	1	150	150
Library Workroom	1	200	200
Storage	1	120	120
Surplus Textbook Storage	1	180	180
Reading Area	1	3,500	3,500
Stacks	1	1,000	1,000
Conference Room	1	250	250
Study Rooms	6	150	900
Makerspace	1	1,000	800
Media Center/Library Subtotal			**7,300**

HIGH SCHOOL

MEDIA CENTER / LIBRARY ADJACENCY

Study Rooms

Study Rooms

Study Rooms

Study Rooms

Study Rooms

Study Rooms

Study Rooms

Conference

Maker Space

Workroom

Storage

Textbook Storage

Reading Area

Stacks

Circulation

HIGH SCHOOL

MEDIA CENTER / LIBRARY
SPACE DESCRIPTIONS & RELATIONSHIPS

LIBRARY (Reading Area, Stacks)

General Concept and Activities

The Library/ Media Center is considered the "Campus Hub" of the school. It is centrally located to promote staff, student and community interaction. It should be an area to gather and collaborate, display student work and promote current events at the school. The design of the Library/ Media Center should encourage active learning experiences through the introduction of varied settings and flexible furniture. Given its importance as the campus hub, wayfinding should be clear to this space for all users, including staff, students and community members.

The library/media center shall be a digitally rich environment, where students gain access to information through varied media. Access to portable devices is essential in this space, but should not be the only means of information gathering. With this in mind, JUSD believes there are still tangible qualities of books that cannot be replaced with digital devices.

The Library/ Media Center should be a highly flexible space for collaboration, multimodal learning and should provide ubiquitous access to mobile technologies. It should be a welcoming, comfortable environment that supports multiple concurrent activities, departing from the traditional quiet library model. The space should support active small group activities, quiet reading, research, make activities, and independent work.

Primary and Secondary Uses

Students
Teachers
Community

Relationship and Organization

Layout Library/ Media center to provide adequate transparency between spaces for ease of supervision Provide views to exterior, but provide ability to darken as needed. Incorporate wayfinding features such as different colors and graphics to identify makerspace.

Features of the Space

Recommended Exemplary Quantitative Standards*

Book Type	Square Feet
Pleasure Reading	32-45 per seat
Computing	36-45 per workstation

Recommended Approximate Shelving Dimensions*

Shelving	Approximate Height
3 Shelves	42" - 48" (36", if available)

Shelving Depths	Holds
10"	Standard size books
12"	Reference, picture books
15"	Multi-media

*Reference: "Standards and Guidelines for Strong School Libraries" by the California School Library Association.

ENVIRONMENTAL SOUND CONTROL
- Walls: minimum STC 50
- Ceilings: minimum CAC 35, NRC .70
- Quiet HVAC systems
- Provide high quality acoustic properties in all the spaces and adjoining walls

WRITING/DISPLAY SPACES
- Tackboard
- Display cases and cubes

FLOORING
- Carpet Tiles

WINDOWS/DOORS
- Windows: Hollow Metal (HM) or aluminum frame/ storefront, with insulating clear glazing. Low-E glazing where applicable.
- Roller window shades/ blinds in order to darken library when necessary.
- Operable window between Workroom and Library for supervision
- Doors (Exterior): Metal Poly Core with full vision-lite and HM or aluminum frame.
- Doors (Interior): Solid Wood Core with full vision-lite and HM or aluminum frame

CASEWORK
- None

LIGHTING
- Natural daylighting through glazing with easily adjustable baffles for control of light, along with daylight sensors to better manage electricity usage.
- Energy efficient light switches

PLUMBING
- None

ELECTRICAL/DATA
- Wall mounted data outlets (2) port, approximately 2 per wall
- Wall mounted clocks
- Ceiling mounted speakers
- Mobile devices charging station on casters
- Circulation Desk: Data outlet (1) port for (1) computer station, (1) port for printer
- Data/electrical for self check-out area

HVAC
- Energy efficient HVAC unit pack located outside office to avoid mechanical noise
- Digital display thermostats with override capability and temperature adjustment (with preset limits)

TECHNOLOGY / COMMUNICATIONS
- Wireless Access Point(s)
- Projection Device

FURNITURE FOR THE SPACE
- Provide furnishings with adjustable heights to accommodate various students
- 4-6 person tables and chairs (moveable) for study and small group work
- Soft seating (flexible and mobile) for reading.
- Book cart
- (1) Task chair at circulation desk
- Movable circulation desk
- Permanent and movable shelving

HIGH SCHOOL

MEDIA CENTER / LIBRARY
SPACE DESCRIPTIONS & RELATIONSHIPS

STUDY ROOMS

General Concept and Activities
The Study Rooms would provide space that could be used by students, library staff and other teaching staff for small meetings and tutoring. The room will need to be flexible with seating and set up.

Primary and Secondary Uses
Staff
Parents
Students

Relationship and Organization
This space should be located with direct access to the main library space.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
- Walls: minimum STC 50
- Ceilings: minimum CAC 35, NRC .70

WRITING / DISPLAY SPACES
- Tackboards

FLOORING
- Carpet Tiles

WINDOWS / DOORS
- Hollow Metal (HM) or aluminum frame/ storefront, with insulating clear glazing. Low-E glazing where applicable. Roller window shades/ blinds.
- Doors (Interior): Solid Wood Core with vision-lite; HM or aluminum frame.

CASEWORK
- None

LIGHTING
- Natural daylighting
- Overhead fixtures - indirect, if possible
- Energy efficient light switches
- Light sensors
- Consider lights over table

PLUMBING
- None

ELECTRICAL/DATA
- Duplex/data receptacles on each wall in addition to power for computer/printer
- Duplex receptacle under conference table (flush with floor)

HVAC
- Energy efficient HVAC unit pack

TECHNOLOGY / COMMUNICATIONS
- Wireless Access Point(s)

FURNITURE FOR THE SPACE
- Small round table
- 1-4 Chairs

HIGH SCHOOL

MEDIA CENTER / LIBRARY
SPACE DESCRIPTIONS & RELATIONSHIPS

WORKROOM

General Concept and Activities
The workroom may be used by staff to support the operation of the library. Staff will use the space to clean and prep books for circulation, sorting returned materials, and storing materials and equipment.

Primary and Secondary Uses
Staff
Students

Relationship and Organization
This space should be located adjacent to the main library space with access to exterior corridor/hallway.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
- Walls: minimum STC 50
- Ceilings: minimum CAC 35, NRC .70

WRITING / DISPLAY SPACES
- Tackboards

FLOORING
- Carpet Tiles

WINDOWS / DOORS
- Hollow Metal (HM) or aluminum frame/ storefront, with insulating clear glazing. Low-E glazing where applicable. Roller window shades/ blinds.
- Doors (Interior): Solid Wood Core with vision-lite; HM or aluminum frame. .

- Hardware: Thumb-locks to allow Classrooms to be locked from the inside without the use of a key.
- Access control to be provided as well.

CASEWORK
- Tall cabinet and wardrobe for storage
- Loose shelving (not fixed) for flexibility of space
- Built-in counter height cabinet

LIGHTING
- Overhead fixtures - indirect, if possible
- Energy efficient light switches
- Light sensors

PLUMBING
- None

ELECTRICAL/DATA
- Two (2) duplex/data receptacles on each wall above cabinets.
- Dedicated power for copier

HVAC
- Energy efficient HVAC unit pack

TECHNOLOGY / COMMUNICATIONS
- Wireless Access Point(s)
- Technology charging station

FURNITURE FOR THE SPACE
- Workstation with storage
- Task chair
- Book cart

HIGH SCHOOL

MEDIA CENTER / LIBRARY
SPACE DESCRIPTIONS & RELATIONSHIPS

MAKERSPACE

General Concept and Activities

The makerspace will allow for students the ability to create, tinker and ideate. This space will be a messy, ideation space for all students in the school to use for bringing their ideas to life.

Primary and Secondary Uses

Students
Staff
Community

Relationship and Organization

Locate adjacent to the Library/Media Center.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
- Walls: minimum STC 50
- Ceilings: minimum CAC 35, NRC .70
- Quiet HVAC systems
- Provide high quality acoustic properties in all the spaces and adjoining walls

WRITING/DISPLAY SPACES
- Two (2) fixed whiteboards

FLOORING
- Sealed concrete

WINDOWS/DOORS
- Windows: Hollow Metal (HM) or aluminum frame/ storefront, with insulating clear glazing. Low-E glazing where applicable. Roller window shades/ blinds.
- Doors (Exterior): Metal Poly Core with full vision-lite and HM or aluminum frame..
- Doors (Interior): Solid Wood Core with full vision-lite and HM or aluminum frame.
- Hardware: Thumb-locks to allow Classrooms to be locked from the inside without the use of a key.
- Access control to be provided as well.

CASEWORK
- Cabinet with deep sink

LIGHTING
- Natural daylighting through glazing with easily adjustable baffles for control of light, along with daylight sensors to better manage electricity usage.
- Lighting appropriate for reading in Library
- Energy efficient light switches

PLUMBING
- Water to sink

ELECTRICAL/DATA
- Ceiling mounted speakers
- Intrusion detection system
- Audio visual player
- Clock system
- Telephone/intercom
- Electrical quad outlets at all data ports
- (6) Coiling electrical power reels
- Lockable mobile devices charging station on casters

HVAC
- Energy efficient HVAC unit pack located outside office to avoid mechanical noise
- Digital display thermostats with override capability and temperature adjustment (with preset limits)

TECHNOLOGY / COMMUNICATIONS
- Wireless Access Point(s)
- Projection device

FURNITURE FOR THE SPACE
- Mobile tables and chairs (could be on casters)
- Stations for technology support
- Mobile shelving units
- 3-D printers
- Storage units with tote trays of different sizes

HIGH SCHOOL

MEDIA CENTER / LIBRARY
SPACE DESCRIPTIONS & RELATIONSHIPS

MEDIA/TEXTBOOK STORAGE

General Concept and Activities
Storage for library materials as well as separate space for textbook surplus storage. This space should be adaptable as the use of textbooks diminishes.

Primary and Secondary Uses
Staff

Relationship and Organization
Adjacent to main library area, near circulation desk.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
- Walls: minimum STC 50
- Ceilings: minimum CAC 35, NRC .70

WRITING/DISPLAY SPACES
- Small tackboard

FLOORING
- Carpet Tiles

WINDOWS/DOORS
- Doors (Interior): Solid Wood Core with vision-lite; HM or aluminum frame.

CASEWORK
- None

LIGHTING
- Overhead fixtures
- Energy efficient light switches
- Light sensors

PLUMBING
- None

ELECTRICAL/DATA
- 3-4 duplex receptacles on each wall for technology charging.

HVAC
- Energy efficient HVAC unit pack

TECHNOLOGY / COMMUNICATIONS
- None

FURNITURE FOR THE SPACE
- Shelves for book storage

HIGH SCHOOL

MEDIA CENTER / LIBRARY
SPACE DESCRIPTIONS & RELATIONSHIPS

CONFERENCE ROOMS

General Concept and Activities
The Conference Room would provide space that could be used by the library staff and other teaching staff for meetings and presentations with 12-14 people seated at a conference table. Multimedia for presentations should be built-into the room space. The room will need to be flexible with seating and set up.

Primary and Secondary Uses
Staff
Parents
Students

Relationship and Organization
This space should be located with direct access to the main library space.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
• Walls: minimum STC 50
• Ceilings: minimum CAC 35, NRC .70

WRITING / DISPLAY SPACES
• Tackboards

FLOORING
• Carpet Tiles

WINDOWS / DOORS
• Hollow Metal (HM) or aluminum frame/ storefront, with insulating clear glazing. Low-E glazing where applicable. Roller window shades/ blinds.
• Doors (Interior): Solid Wood Core with vision-lite; HM or aluminum frame.

CASEWORK
• Base cabinets (beverage storage and service)

LIGHTING
• Natural daylighting
• Overhead fixtures - indirect, if possible
• Energy efficient light switches
• Light sensors
• Consider lights over conference table

PLUMBING
• None

ELECTRICAL/DATA
• Duplex/data receptacles on each wall in addition to power for computer/printer
• Duplex receptacle under conference table (flush with floor)

HVAC
• Energy efficient HVAC unit pack

TECHNOLOGY / COMMUNICATIONS
• Wireless Access Point(s)

FURNITURE FOR THE SPACE
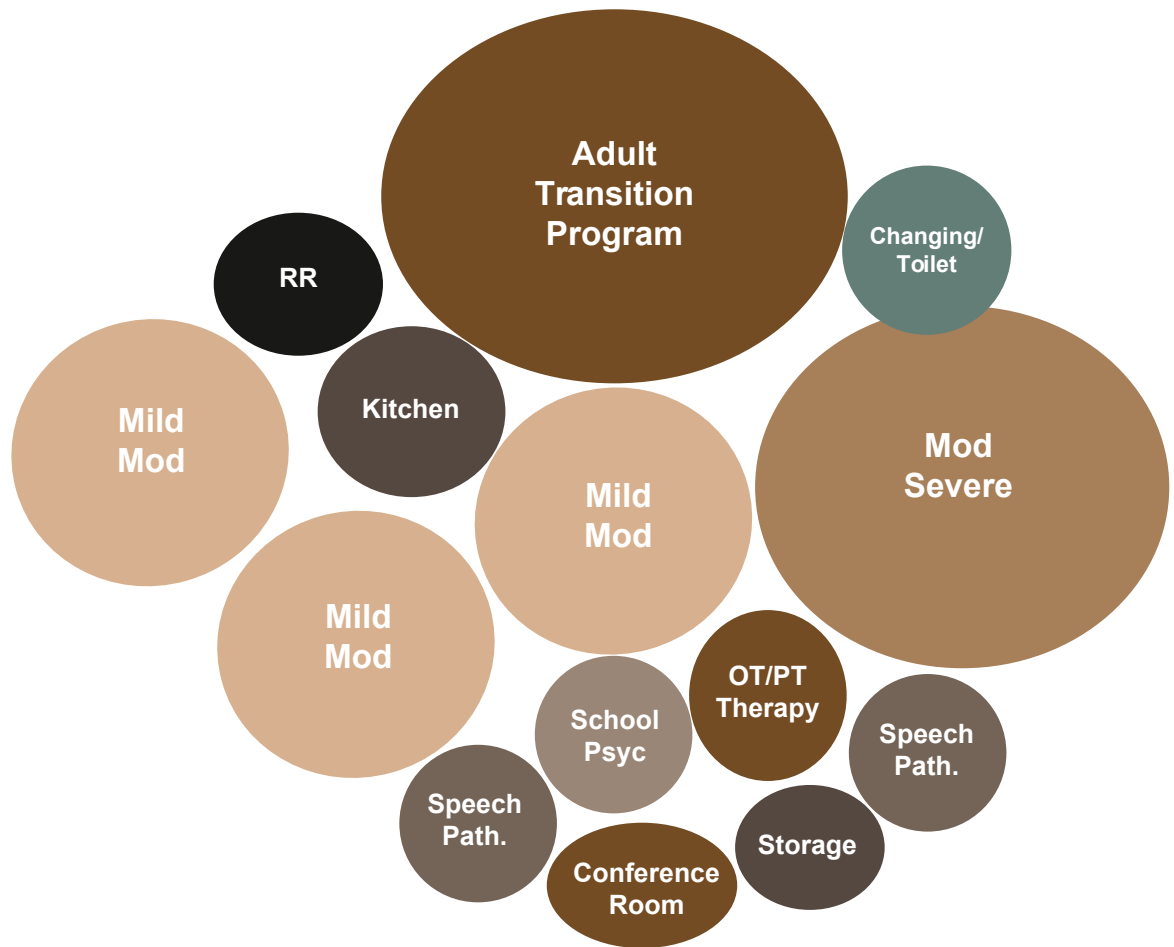• Conference Table
• 12-14 Chairs

HIGH SCHOOL

SPECIAL EDUCATION

HIGH SCHOOL

SPECIAL EDUCATION PROGRAM OF SPACES

SPACE	Qty	Space/SF	TOTAL AREA
Mild/Moderate Classroom	3*	960	2,160
Moderate/Severe Classroom	1*	1,080	2,160
Adult Transition Program	1	1,080	1,080
Changing/Toilet	1	150	150
Kitchenette	1	250	250
Restroom	1	200	200
OT/PT Therapy	1	200	200
Speech & Language Pathologist	2	200	400
School Psychologist	1	150	150
Conference Room	1	200	200
Storage	1	100	100
Special Education Subtotal			**6,690**

*Confirm actual number of classrooms by campus. JUSD has mainstreamed Special Education, therefore no Special Education spaces will be provided unless there is a mod/severe/functional skills program housed at a specific site.

HIGH SCHOOL

SPECIAL EDUCATION ADJACENCY

HIGH SCHOOL

SPECIAL EDUCATION SPACE DESCRIPTIONS & RELATIONSHIPS

SPECIAL EDUCATION CLASSROOMS

General Concept and Activities

The goal of the special education department is to provide a comfortable and safe environment for students to seek extra help, or that may need extra help. JUSD's goal is to integrate special needs students with their general education peers, providing assessment and instruction in the least restrictive environments and co-located with their peers.

The classrooms need to include the same inclusions of general education classrooms. A restroom needs to be available for use by the Mod Severe classroom, and it needs to accommodate a lift. The need for inclusion of the Mod Severe classrooms to be confirmed by JUSD. Access to a fenced in outdoor area for gardening is also a need

All classrooms to include an area for 'cool down' and quiet space. Color and acoustics in these areas shall be reviewed with the District.

Classrooms should be designed to allow for privacy areas for testing or focused instruction by teaching aides, while still maintaining visibility from main teacher. Furniture may help provide options for this. Review layouts with JUSD.

Primary and Secondary Uses
Students
Teachers
Parents

Relationship and Organization
The Special Education program should be centrally located on the campus to allow for easy access by all grade levels. The Mild Mod Classroom should be mainstreamed with the rest of the classrooms. Easy access to a drop off area is also needed for the Mod Severe classroom

Features of the Space

ENVIRONMENTAL SOUND CONTROL
- Walls: minimum STC 50
- Ceilings: minimum CAC 35, NRC .70
- Quiet HVAC systems
- Provide quality acoustic properties conducive for instructional purposes in all spaces and adjoining walls.

WRITING/DISPLAY SPACES
- Full height markerboard folding wall
- 16' markerboard

FLOORING
• Carpet Tiles

WINDOWS/DOORS
• Windows: Hollow Metal (HM) or aluminum frame/ storefront, with insulating clear glazing. Low-E glazing where applicable. Roller window shades/ blinds
• Doors (Interior): Solid Wood Core with vision-lite and HM or aluminum frame
• Hardware: Thumb-locks to allow Classrooms to be locked from the inside without the use of a key.
• Access control to be provided as well.

CASEWORK
• Lower and upper cabinets and tall cabinet, near teacher desk location with sink
• Exterior backpack hooks or mobile backpack storage unit

LIGHTING
• Natural daylighting through glazing with easily adjustable baffles for control of light, along with daylight sensors to better manage electricity usage.
• Provide window shades on all exterior windows; roller or blinds for light control
• Overhead light fixtures
• Energy efficient light switches

PLUMBING
• Water to sink

ELECTRICAL/DATA
• 1 (2) port and quad with communication, 2 locations for teacher desk location
• Wall mounted clock system
• Audio Visual (AV) players
• Telephone/ Intercom
• Electrical duplex outlets at each data port
• Ceiling mounted speaker
• 1 (1) port for ceiling mounted projector
• Wall mounted outlet for intrusion detection motion sensor
• Additional electrical/ data ports as required for equipment

HVAC
• Energy efficient HVAC unit pack located outside office to avoid mechanical noise
• Digital display thermostats with override capability and temperature adjustment (with preset limits)

TECHNOLOGY / COMMUNICATIONS
• Wireless Access Point(s)

FURNITURE FOR THE SPACE
• Mobile student desks and chairs
• Mobile Teacher desk and chair
• Mobile lectern , adjustable height
• Mobile storage, file cabinets
• Soft seating

HIGH SCHOOL

SPECIAL EDUCATION SPACE DESCRIPTIONS & RELATIONSHIPS

OT/PT THERAPY

General Concept and Activities
The OT/PT room will serve students that need specialized therapy in addition to their everyday learning activities.

Primary and Secondary Uses
Students
Teachers
Therapists

Relationship and Organization
The spaces should be close to other support and instructional spaces such as the library, should be adjacent to the offices as well.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
- Walls: minimum STC 50
- Ceilings: minimum CAC 35, NRC .70
- Quiet HVAC systems
- Provide quality acoustic properties conducive for instructional purposes in all spaces and adjoining walls.

WRITING/DISPLAY SPACES
- Two (2) fixed whiteboards

FLOORING
- Carpet Tiles

WINDOWS/DOORS
- Windows: Hollow Metal (HM) or aluminum frame/ storefront, with insulating clear glazing. Low-E glazing where applicable. Roller window shades/ blinds
- Doors (Interior): Solid Wood Core with vision-lite and HM or aluminum frame
- Hardware: Thumb-locks to allow Classrooms to be locked from the inside without the use of a key.
- Access control to be provided as well.

CASEWORK
- One (1) 7' tall lockable storage cabinet

LIGHTING
- Provide window shades on all exterior windows; roller or blinds for light control
- Overhead light fixtures
- Energy efficient light switches
- Provide dimmable lighting

PLUMBING
- None

ELECTRICAL/DATA
- 1 (2) port and quad with communication, 2 locations on each wall
- Wall mounted clock system
- Audio visual player
- Telephone/ Intercom
- Ceiling mounted speaker
- Additional electrical/ data ports as required for equipment

HVAC
- Energy efficient HVAC unit pack located outside office to avoid mechanical noise
- Digital display thermostats with override capability and temperature adjustment (with preset limits)

TECHNOLOGY / COMMUNICATIONS
- Wireless Access Point(s)

FURNITURE FOR THE SPACE
- Floor mats
- Self-supporting swing; movable
- Table
- Chairs (2-3)

HIGH SCHOOL

SPECIAL EDUCATION
SPACE DESCRIPTIONS & RELATIONSHIPS

SPEECH PATHOLOGIST

General Concept and Activities

This space will be used as office space for the school speech and language pathologist. The office should have flexibility to be used by other itinerant staff as necessary. Space should allow for staff to meet with a student for one-on-one discussions as well as meetings with parents.

Primary and Secondary Users

Teachers
Students

Relationship and Organization

This space should be close to special education classrooms.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
- Walls: minimum STC 50
- Ceilings: minimum CAC 35, NRC .70
- Provide for good acoustics in this space

WRITING / DISPLAY SPACES
- Tackboard
- Markerboard

FLOORING
- Carpet Tiles

WINDOWS / DOORS
- Hollow Metal (HM) or aluminum frame/ storefront, with insulating clear glazing. Low-E glazing where applicable. Roller window shades/ blinds.
- Doors (Interior): Solid Wood Core with vision-lite; HM or aluminum frame.

CASEWORK
- None

LIGHTING
- Natural daylighting
- Overhead fixtures - indirect, if possible
- Energy efficient light switches
- Light sensors

PLUMBING
- None

ELECTRICAL/DATA
- Duplex/data receptacles on each wall in addition to power for computer/printer

HVAC
- Energy efficient HVAC unit pack

TECHNOLOGY / COMMUNICATIONS
- Wireless Access Point(s)

FURNITURE FOR THE SPACE
- Workstation with storage
- Task Chair
- Small Conference Table
- Guest Chairs (2-4)

HIGH SCHOOL

SPECIAL EDUCATION SPACE DESCRIPTIONS & RELATIONSHIPS

SCHOOL PSYCHOLOGIST

General Concept and Activities

This space will be used as office space for the school psychologist. The office should have flexibility to be used by other itinerant staff as necessary. Space should allow for staff to meet with a student for one-on-one discussions as well as meetings with parents.

Primary and Secondary Users

Teachers
Students

Relationship and Organization

This space should be close to the Mild/Mod and Mod/Severe classrooms.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
- Walls: minimum STC 50
- Ceilings: minimum CAC 35, NRC .70

WRITING / DISPLAY SPACES
- Tackboard

FLOORING
- Carpet Tiles

WINDOWS / DOORS
- Hollow Metal (HM) or aluminum frame/ storefront, with insulating clear glazing. Low-E glazing where applicable. Roller window shades/ blinds.
- Doors (Interior): Solid Wood Core with vision-lite; HM or aluminum frame.

CASEWORK
- None

LIGHTING
- Natural daylighting
- Overhead fixtures - indirect, if possible
- Energy efficient light switches
- Light sensors

PLUMBING
- None

ELECTRICAL/DATA
- Duplex/data receptacles on each wall in addition to power for computer/printer

HVAC
- Energy efficient HVAC unit pack

TECHNOLOGY / COMMUNICATIONS
- Wireless Access Point(s)

FURNITURE FOR THE SPACE
- Workstation with storage
- Task Chair
- Small Conference Table
- Guest Chairs (2-4)

HIGH SCHOOL

SPECIAL EDUCATION
SPACE DESCRIPTIONS & RELATIONSHIPS

KITCHENETTE

General Concept and Activities
Kitchenette space to provide snacks/quick prep meals for Mod/Severe/Functional Skills Special Education students.

Primary and Secondary Uses
Students
Teachers

Relationship and Organization
To be located with direct access to Mod / Mild Severe classrooms.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
- Walls: minimum STC 50
- Ceilings: minimum CAC 35, NRC .70

WRITING/DISPLAY SPACES
- None

FLOORING
- Resilient flooring

WINDOWS/DOORS
- Doors (Interior): Solid Wood Core with vision-lite; HM or aluminum frame.

CASEWORK
- Upper and lower cabinets, lockable
- Standard height counters with sink

LIGHTING
- Overhead fixtures
- Energy efficient light switches
- Light sensors

PLUMBING
- Cold water to sink

ELECTRICAL/DATA
- GFCI outlets on along wall
- Multiple outlets for appliances

HVAC
- Energy efficient HVAC unit pack
- Exhaust

TECHNOLOGY / COMMUNICATIONS
- Wireless Access Point(s)

FURNITURE FOR THE SPACE
- Refrigerator
- Microwave
- Stove/Oven

HIGH SCHOOL

SPECIAL EDUCATION SPACE DESCRIPTIONS & RELATIONSHIPS

RESTROOM

General Concept and Activities
Student Restrooms

Primary and Secondary Uses
Students
Teachers

Relationship and Organization
To be located with easy access to special education classrooms. Consider sight-lines and privacy for location.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
- Walls: minimum STC 50
- Ceilings: minimum CAC 35, NRC .70

WRITING/DISPLAY SPACES
- None

FLOORING
- Porcelain tile

WINDOWS/DOORS
- Doors (Interior): Solid Wood Core with vision-lite; HM or aluminum frame.
- No windows for privacy

CASEWORK
- Restroom accessories including mirror
- Changing Table
- Hand sanitizer dispenser

LIGHTING
- Overhead fixtures
- Energy efficient light switches
- Light sensors

PLUMBING
- Cold water to sink
- Plumbing to toilet

ELECTRICAL/DATA
- GFCI outlets on one wall

HVAC
- Energy efficient HVAC unit pack
- Exhaust

TECHNOLOGY / COMMUNICATIONS
- None

FURNITURE FOR THE SPACE
- None

HIGH SCHOOL

SPECIAL EDUCATION SPACE DESCRIPTIONS & RELATIONSHIPS

STORAGE

General Concept and Activities
Storage for classroom materials and life skills supplies for Special Education classrooms.

Primary and Secondary Uses
Staff

Relationship and Organization
Adjacent to Mild Moderate Severe classrooms and within close proximity to Kitchenette.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
- Walls: minimum STC 50
- Ceilings: minimum CAC 35, NRC .70

WRITING/DISPLAY SPACES
- None

FLOORING
- Resilient flooring

WINDOWS/DOORS
- Doors (Interior): Solid Wood Core with vision-lite; HM or aluminum frame.

CASEWORK
- None

LIGHTING
- Overhead fixtures
- Energy efficient light switches
- Light sensors

PLUMBING
- None

ELECTRICAL/DATA
- 1-2 duplex receptacles on each wall for technology charging.

HVAC
- Energy efficient HVAC unit pack

TECHNOLOGY / COMMUNICATIONS
- None

FURNITURE FOR THE SPACE
- Shelves storage

HIGH SCHOOL

NUTRITIONAL SERVICES

HIGH SCHOOL

NUTRITIONAL SERVICES PROGRAM OF SPACES

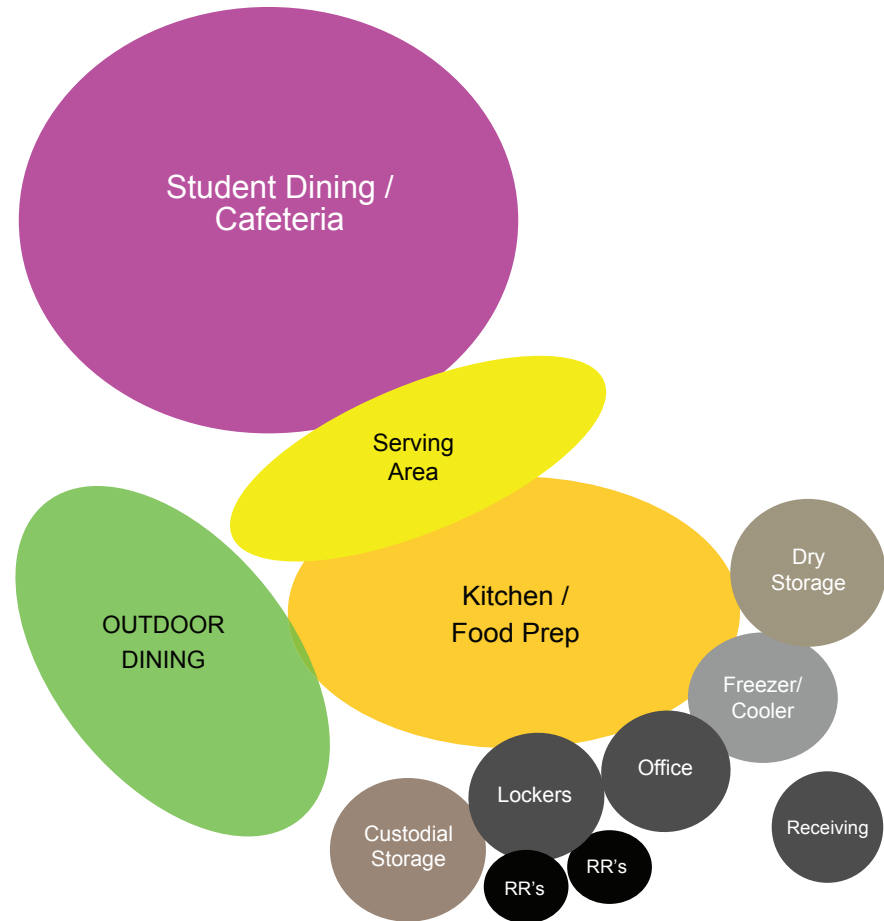| SPACE	Qty	Space/SF	TOTAL AREA
Student Dining/Cafeteria*	1	10,500	12,000
Kitchen/Food Prep	1	1,000	1,000
Freezer/Cooler	2	180	360
Dry Storage	1	200	200
Serving Area	1	800	800
Office	1	120	120
Lockers/Dressing	1	200	200
Restroom	2	80	160
Custodial Storage/Office	1	200	200
Receiving Area	1	80	80
Campus/Emergency Bin Storage	1	500	500
Covered Outdoor Dining			
Nutritional Services Subtotal			**14,120**

*Based on 1,750 students.

Student Dining/Cafeteria - 2,500 Students   13,00 SF

HIGH SCHOOL

NUTRITIONAL SERVICES ADJACENCY

Student Dining / Cafeteria

Serving Area

OUTDOOR DINING

Kitchen / Food Prep

Dry Storage

Freezer/ Cooler

Office

Lockers

Custodial Storage

RR's

RR's

Receiving

HIGH SCHOOL

NUTRITIONAL SERVICES SPACE DESCRIPTIONS & RELATIONSHIPS

STUDENT DINING

General Concept and Activities
Student Dining space is for students to have meals (breakfast and/or lunch) as well as assemblies, collaborative lessons and/or after-hours use by community.

Primary and Secondary Uses
Students
Staff
Parents
Community

Relationship and Organization
Student dining should be located adjacent to the kitchen/ serving area and within close proximity to main campus hallway.

Features of the Space
The space should also have integrated technology that supports performance and assembly activities, such as video projection, recording capabilities during performances, and enhanced sound systems.

ENVIRONMENTAL SOUND CONTROL
- Walls: minimum STC 50
- Ceilings: minimum CAC 35, NRC .70
- Quiet HVAC systems
- High quality acoustic properties in all the spaces and adjoining walls

WRITING/DISPLAY SPACES
- Tackboards
- Art displays and graphics

FLOORING
- Carpet Tiles

WINDOWS/DOORS
- Windows: Aluminum frame/storefront, with insulating clear glazing. Low-E glazing where applicable. Roller window shades/ blinds.
- Doors (Exterior): Metal Poly Core with vision-lite; HM or aluminum frame
- Doors (Interior): Solid Wood Core with vision-lite; HM or aluminum frame.

CASEWORK
- None

LIGHTING
- Natural daylighting
- Overhead fixtures
- Energy efficient light switches
- Light sensors

PLUMBING
- None

ELECTRICAL/DATA
- Ceiling mounted speakers
- Intrusion detection system
- Audio visual - MP3 Docking station, DVD & CD players
- Clock system
- Electrical duplex outlets at all data ports
- (4) Flush Floor mounted data outlet (1) port placed throughout; for video recording during productions and day-to-day instruction or assembly activities
- Data outlet (1) port, wall mounted back of the room, two data outlets (2) port on each side wall: 8 total data access points

HVAC
- Energy efficient HVAC unit pack located outside pace to avoid mechanical noise
- Digital display thermostats with override capability and temperature adjustment (with preset limits)

TECHNOLOGY / COMMUNICATIONS
- Wireless Access Point(s)
- One (1) mounted projection device.
- Large drop-down presentation screen.

FURNITURE FOR THE SPACE
- Folding or flip-top tables on locking casters to seat up to 8 students.
- High density stacking chairs
- Mobile carts for stacking chairs

*In some cases, a stage may be needed at High School Cafeteria. Review with JUSD.

HIGH SCHOOL

NUTRITIONAL SERVICES SPACE DESCRIPTIONS & RELATIONSHIPS

SERVING AREA

General Concept and Activities

JUSD Nutritional Services' goal is to provide fresh nutritious meals made daily for all students. In order to do this the school's food service facility should have modern equipment, adequate space and the most efficient layout to optimize staff work flow and student access and serving. There are three serving lines with three speed serving lines for a total of six servings at High Schools.

Primary and Secondary Uses

Kitchen Staff

Relationship and Organization

There should be transparency into the serving room in order to better manage flow. Located adjacent to the food-prep area within the main kitchen area.

Need to consider the ability to serve from various locations, such as satellite kitchens and/or carts.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
- Walls: minimum STC 50
- Ceilings: minimum CAC 35, NRC .70

WRITING/DISPLAY SPACES
- Markerboard or Digital Menu Boards

FLOORING
- Quarry Tile

WINDOWS/DOORS
- Doors (Interior): Solid Wood Core with full vision-lite and HM or aluminum frame

CASEWORK
- To be specified by Food Service Consultant in conjunction with JUSD.

LIGHTING
- Overhead fixtures
- Energy efficient light switches

PLUMBING
- None

ELECTRICAL/DATA
- Flush floor data (2) ports for POS at end of each serving line - total 4 floor box locations
- Digital display for menu
- One data outlet per menu board.
- Ceiling mounted speakers
- Intrusion detection system
- Wall mounted clock system
- Additional electrical outlets as needed for equipment.

HVAC
- Energy efficient HVAC unit pack
- Digital display thermostats with override capability and temperature adjustment (with preset limits)

TECHNOLOGY / COMMUNICATIONS
- Wireless Access Point(s)

FURNITURE FOR THE SPACE
- To be specified by Food Service Consultant in conjunction with JUSD.

HIGH SCHOOL

NUTRITIONAL SERVICES SPACE DESCRIPTIONS & RELATIONSHIPS

KITCHEN/FOOD PREP

General Concept and Activities

JUSD Nutritional Services' goal is to provide fresh nutritious meals made daily for all students. In order to do this the school's food service facility should have modern equipment, adequate space and the most efficient layout to optimize staff work flow and student access and serving. Kitchen's are used for warming purposes.

Primary and Secondary Uses

Kitchen Staff
Custodial Staff

Relationship and Organization

Located adjacent to the serving lines within the main kitchen area.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
- Walls: minimum STC 50
- Ceilings: minimum CAC 35, NRC .70

WRITING/DISPLAY SPACES
- None

FLOORING
- Quarry Tile

WINDOWS/DOORS
- Doors (Exterior): Metal Poly Core with full vision-lite and HM or aluminum frame.
- Doors (Interior): Solid Wood Core with full vision-lite and HM or aluminum frame

CASEWORK
- To be specified by Food Service Consultant in conjunction with JUSD.

LIGHTING
- Overhead fixtures
- Energy efficient light switches

PLUMBING
- To be specified by Food Service Consultant in conjunction with JUSD.

ELECTRICAL/DATA
- Ceiling mounted speakers
- Wall mounted clock system
- Additional electrical outlets as needed for equipment.

HVAC
- Energy efficient HVAC unit pack
- Exhaust
- Appropriate ventilation for equipment

TECHNOLOGY / COMMUNICATION
- Wireless Access Point(s)

FURNITURE FOR THE SPACE
- To be specified by Food Service Consultant in conjunction with JUSD.

HIGH SCHOOL

NUTRITIONAL SERVICES SPACE DESCRIPTIONS & RELATIONSHIPS

DRY STORAGE

General Concept and Activities
Storage space for dry goods for use in the preparation of food in the kitchen/food prep area.

Primary and Secondary Uses
Kitchen Staff
Custodial Staff

Relationship and Organization
Located in main kitchen area with easy access to corridor.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
- Walls: minimum STC 50
- Ceilings: minimum CAC 35, NRC .70

WRITING/DISPLAY SPACES
- None

FLOORING
- Quarry Tile

WINDOWS/DOORS
- Doors (Exterior): Metal Poly Core with full vision-lite and HM or aluminum frame.
- Doors (Interior): Solid Wood Core with full vision-lite and HM or aluminum frame

CASEWORK
- Industrial type Adjustable metal shelving, full height, adjustable and open

LIGHTING
- Overhead fixtures
- Energy efficient light switches

PLUMBING
- None

ELECTRICAL/DATA
- None

HVAC
- Energy efficient HVAC unit pack
- Digital display thermostats with override capability and temperature adjustment (with preset limits)

TECHNOLOGY / COMMUNICATIONS
- Wireless Access Point(s)

FURNITURE FOR THE SPACE
- Line walls with shelving

HIGH SCHOOL

NUTRITIONAL SERVICES SPACE DESCRIPTIONS & RELATIONSHIPS

FREEZER/COOLER

General Concept and Activities
Walk-in Freezer/Cooler equipment to maintain cold temperatures for food.

Primary and Secondary Uses
Kitchen Staff
Custodial Staff

Relationship and Organization
Located within the main kitchen spaces - adjacent to food prep area.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
- Walls: minimum STC 50
- Ceilings: minimum CAC 35, NRC .70

WRITING/DISPLAY SPACES
- None

FLOORING
- To be specified by Food Service Consultant in conjunction with JUSD.

WINDOWS/DOORS
- To be specified by Food Service Consultant in conjunction with JUSD.

CASEWORK
- To be specified by Food Service Consultant in conjunction with JUSD.

LIGHTING
- Overhead fixtures
- Energy efficient light switches

PLUMBING
- To be specified by Food Service Consultant in conjunction with JUSD.

ELECTRICAL/DATA
- To be specified by Food Service Consultant in conjunction with JUSD.

HVAC
- None

TECHNOLOGY / COMMUNICATIONS
- None

FURNITURE FOR THE SPACE
- To be specified by Food Service Consultant in conjunction with JUSD.

HIGH SCHOOL

NUTRITIONAL SERVICES SPACE DESCRIPTIONS & RELATIONSHIPS

LOCKERS/DRESSING

General Concept and Activities
Locker room and dressing space for kitchen/custodial staff to store personal belongings as well as change clothes before/after shift.

Primary and Secondary Uses
Kitchen Staff
Custodial Staff

Relationship and Organization
Located within kitchen area within close proximity to restrooms.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
- Walls: minimum STC 50
- Ceilings: minimum CAC 35, NRC .70

WRITING/DISPLAY SPACES
- None

FLOORING
- Sealed concrete

WINDOWS/DOORS
- Doors (Exterior): Metal Poly Core with full vision-lite and HM or aluminum frame.
- Doors (Interior): Solid Wood Core with full vision-lite and HM or aluminum frame

CASEWORK
- None

LIGHTING
- Overhead fixtures
- Energy efficient light switches

PLUMBING
- None

ELECTRICAL/DATA
- Electrical duplex outlets at all data ports
- Wall mounted clock
- Speakers
- Wall mounted data outlets (2) port, approximately 2 per wall

HVAC
- Energy efficient HVAC unit pack

TECHNOLOGY / COMMUNICATIONS
- Wireless Access Point(s)

FURNITURE FOR THE SPACE
- Twenty (20) double tier lockers

HIGH SCHOOL

NUTRITIONAL SERVICES SPACE DESCRIPTIONS & RELATIONSHIPS

OFFICE

General Concept and Activities
Office space for supervisor/head of kitchen department. This space is for administrative duties as well as meetings with kitchen staff.

Primary and Secondary Uses
Kitchen Staff
Custodial Staff

Relationship and Organization
Located within the kitchen area with access to corridor.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
- Walls: minimum STC 50
- Ceilings: minimum CAC 35, NRC .70

WRITING/DISPLAY SPACES
- Fixed whiteboard

FLOORING
- Carpet Tiles

WINDOWS/DOORS
- Windows: Hollow Metal (HM) or aluminum frame/ storefront, with insulating clear glazing. Low-E glazing where applicable. Roller window shades/ blinds.
- Doors (Interior): Solid Wood Core with full vision-lite and HM or aluminum frame

CASEWORK
- None

LIGHTING
- Overhead fixtures
- Lighting appropriate for computer work
- Energy efficient light switches

PLUMBING
- None

ELECTRICAL/DATA
- One duplex receptacle on each wall in addition to power/data for printer.
- Provide two (2) duplex/data locations on perpendicular walls for multiple desk layout options.

HVAC
- Energy efficient HVAC unit pack
- Digital display thermostats with override capability and temperature adjustment (with preset limits)

TECHNOLOGY / COMMUNICATIONS
- Wireless Access Point(s)

FURNITURE FOR THE SPACE
- Desk and chair
- File cabinet
- Safe

HIGH SCHOOL

NUTRITIONAL SERVICES SPACE DESCRIPTIONS & RELATIONSHIPS

CUSTODIAL OFFICE/STORAGE

General Concept and Activities
Custodial office/storage room shall serve as a space for administrative duties for Head Custodian as well as storage of supplies and equipment.

Primary and Secondary Uses
Custodial Staff

Relationship and Organization
Located in main kitchen area with easy access to corridor.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
- Walls: minimum STC 50
- Ceilings: minimum CAC 35, NRC .70

WRITING/DISPLAY SPACES
- None

FLOORING
- Resilient flooring

WINDOWS/DOORS
- Doors (Exterior): Metal Poly Core with full vision-lite and HM or aluminum frame.
- Doors (Interior): Solid Wood Core with full vision-lite and HM or aluminum frame

CASEWORK
- Industrial type Adjustable metal shelving, full height, adjustable and open

LIGHTING
- Overhead fixtures
- Energy efficient light switches

PLUMBING
- None

ELECTRICAL/DATA
- One duplex receptacle on each wall in addition to power/data for printer.
- Provide two (2) duplex/data locations on perpendicular walls for multiple desk layout options.

HVAC
- Energy efficient HVAC unit pack
- Exhaust

TECHNOLOGY / COMMUNICATIONS
- Wireless Access Point(s)
- Computer drop for supervisor at desk

FURNITURE FOR THE SPACE
- Desk and chair
- File cabinet

HIGH SCHOOL

NUTRITIONAL SERVICES SPACE DESCRIPTIONS & RELATIONSHIPS

RESTROOM

General Concept and Activities
Staff Restrooms

Primary and Secondary Uses
Kitchen Staff
Custodial Staff

Relationship and Organization
To be located within kitchen space with easy access to corridors. Consider sight-lines and privacy for location.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
- Walls: minimum STC 50
- Ceilings: minimum CAC 35, NRC .70

WRITING/DISPLAY SPACES
- None

FLOORING
- Porcelain tile

WINDOWS/DOORS
- Doors (Interior): Solid Wood Core with vision-lite; HM or aluminum frame.
- No windows for privacy

CASEWORK
- Restroom accessories with mirror
- Hand sanitizer dispenser

LIGHTING
- Overhead fixtures
- Energy efficient light switches
- Light sensors

PLUMBING
- Cold water to sink
- Plumbing to toilet

ELECTRICAL/DATA
- GFCI outlets on one wall

HVAC
- Energy efficient HVAC unit pack
- Exhaust

TECHNOLOGY / COMMUNICATIONS
- None

FURNITURE FOR THE SPACE
- None

HIGH SCHOOL

NUTRITIONAL SERVICES
SPACE DESCRIPTIONS & RELATIONSHIPS

COVERED OUTDOOR DINING

General Concept and Activities

This space will provide outdoor dining option for students. Outdoor dining should have good cross ventilation and natural lighting in the covered space. The Outdoor Dining space can also provide as an informal gathering and learning space for students both during and after school as well as for parent gatherings.

Primary and Secondary Uses

Students
Parents
Staff

Relationship and Organization

To be located adjacent to Multi-purpose room/seating area and accessible directly from serving area.

Features of the Space

Provide for proper 'cross ventilation' Pavilion design and material that is translucent to allow for natural light. Landscaping to help with shading and privacy.

ENVIRONMENTAL SOUND CONTROL
- None

WRITING/DISPLAY SPACES
- None

FLOORING
- None

WINDOWS/DOORS
- None

CASEWORK
- None

LIGHTING
- Overhead fixtures (indirect) where necessary

PLUMBING
- Consider hose bib and coordinate drain and sewer connection with site storm water management system.

ELECTRICAL/DATA
- GFCI outlets

HVAC
- None

TECHNOLOGY / COMMUNICATIONS
- None

FURNITURE FOR THE SPACE
- Outdoor tables and chairs
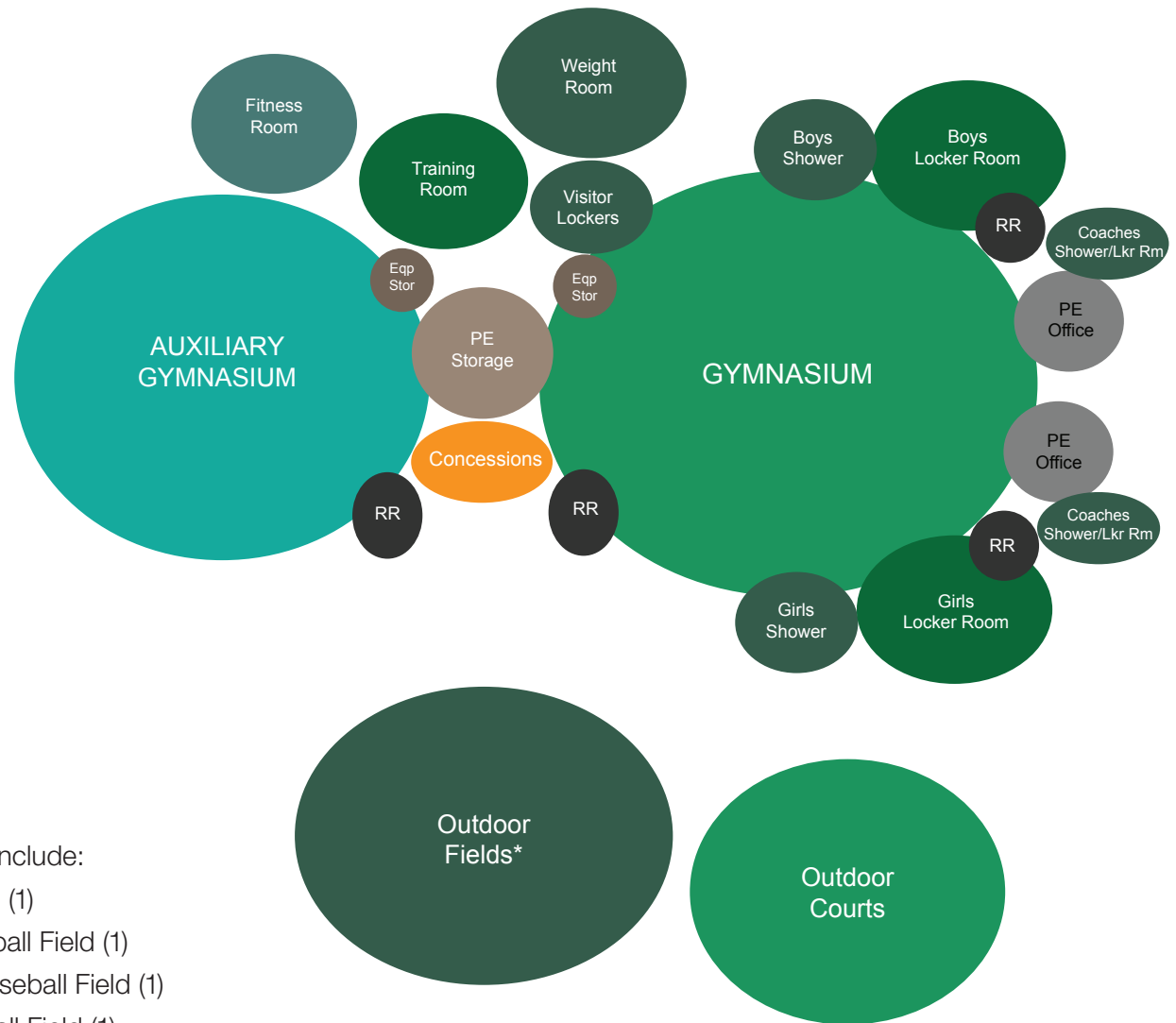- Canopies or awnings
- Trash containers

HIGH SCHOOL

ATHLETICS /PHYSICAL EDUCATION

HIGH SCHOOL

ATHLETICS / PHYSICAL EDUCATION PROGRAM OF SPACES

SPACE	Qty	Space/SF	TOTAL AREA
Gymnasium	1	13,000	13,000
Auxiliary Gym	1	7,500	7,500
PE Storage	1	400	400
Equipment Room	2	120	240
Locker Room/Restroom (Boy's/Girl's)	2	1,120	2,240
Shower Rooms (Boy's/Girl's)	2	600	1,200
Coaches Office (Boy's/Girl's)	2	350	700
Coaches Showers/Lockers (Boy's/Girl's)	2	300	600
Concessions	1	250	250
Weight Room	1	1,500	1,500
Fitness Room	1	1,000	1,000
Public Restrooms	2	120	240
Athletic Trainer Room	1	250	250
Visitor Lockers	1	400	400
Athletics/Physical Education Subtotal			**29,520**

*Provide outdoor storage units by fields.

HIGH SCHOOL

ATHLETICS PHYSICAL EDUCATION ADJACENCY

Fitness Room

Weight Room

Training Room

Visitor Lockers

Boys Shower

Boys Locker Room

RR

Coaches Shower/Lkr Rm

PE Office

Eqp Stor

Eqp Stor

PE Storage

AUXILIARY GYMNASIUM

GYMNASIUM

Concessions

RR

RR

PE Office

Coaches Shower/Lkr Rm

RR

Girls Shower

Girls Locker Room

Outdoor Fields*

Outdoor Courts

*Outdoor Fields Include:
- Football Field (1)
- Varsity Baseball Field (1)
- Jr. Varsity Baseball Field (1)
- Varsity Softball Field (1)
- Jr. Varsity Softball Field (1)

HIGH SCHOOL

ATHLETICS / PHYSICAL EDUCATION
SPACE DESCRIPTIONS & RELATIONSHIPS

GYMNASIUM

General Concept and Activities

In their commitment to healthy lifestyles, JUSD recognizes that the physical education programs are integral to supporting the whole child. Educating children at a young age on the importance of fitness and exercise, helps them become more physically fit, and promotes an active and healthy lifestyle, while having fun.

The competition gymnasiums of high schools will provide space for athletic competition sports as well as physical education/activities and other school assemblies.

The auxiliary gymnasium of high schools will provide space for athletic team practice, some competition activities as well as physical education/activities and other school assemblies.

JUSD Athletic teams include:

- Baseball
- Basketball
- Cheer
- Cross Country
- Football
- Golf
- Soccer
- Softball
- Swimming
- Tennis
- Track and Field
- Volleyball
- Water Polo
- Wrestling

Primary and Secondary Uses
Students
Coaches/Teachers
Community

Relationship and Organization
Provide access to public restrooms. A ticket booth or area for ticket sales should be provided at entry to competition gymnasium.

Features of the Space
- High ceilings (exposed)
- Safety padding on walls

ENVIRONMENTAL SOUND CONTROL
- Walls: minimum STC 50
- Ceilings: minimum CAC 35, NRC .70

WRITING/DISPLAY SPACES
- Small markerboard (mobile; on casters)

FLOORING
- Wood flooring
WINDOWS/DOORS
- Windows: Hollow Metal (HM) or aluminum frame/ storefront, with insulating clear glazing. Low-E glazing where applicable. Doors (Exterior): Metal Poly Core with full vision-lite and HM or aluminum frame.
- Doors (Interior): Solid Wood Core with full vision-lite and HM or aluminum frame
- Access control to be provided as well.

CASEWORK
• None

LIGHTING
• Natural daylighting through glazing with easily adjustable baffles for control of light, along with daylight sensors to better manage electricity usage.
• Energy efficient overhead lights
• Energy efficient light switches

PLUMBING
• Drinking fountains with bottle filling capability

ELECTRICAL/DATA
• Two duplex outlets at every wall
• Retractable basketball standards/hoops
• Flush mount floor outlets near scorers table
• Appropriate electrical for electronic scoreboards
• Sound System and Ceiling Mounted Speakers

HVAC
• Energy efficient HVAC unit pack
• Digital display thermostats with override capability and temperature adjustment (with preset limits)

TECHNOLOGY / COMMUNICATIONS
• Wireless Access Point(s)

FURNITURE FOR THE SPACE
• Table on casters (scorers table)
• Basketball Goals
• Volleyball Inserts
• Bleachers with seating for 1,300 at Competition Gym
• Bleachers with seating for 900 at Auxiliary Gym

HIGH SCHOOL

ATHLETICS / PHYSICAL EDUCATION
SPACE DESCRIPTIONS & RELATIONSHIPS

CONCESSIONS/SNACK BAR

General Concept and Activities
Concession stand/snack bar will provide drinks and food/snacks for sale for completions or games/events taking place in the gymnasium.

Primary and Secondary Uses
Students
Coaches
Staff

Relationship and Organization
Located directly adjacent to the gymnasium with opening to hallway.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
- Walls: minimum STC 50
- Ceilings: minimum CAC 35, NRC .70

WRITING/DISPLAY SPACES
- None

FLOORING
- Resilient flooring

WINDOWS/DOORS
- Overhead roll-up door (opening to hallway)
- Counter at window

CASEWORK
- Full height adjustable metal shelving
- Lower cabinets with sink along one wall
- Hand sanitizer dispenser

LIGHTING
- Overhead lighting
- Energy efficient light switches
- Light sensors

PLUMBING
- Cold and hot water to sink
- Water to ice maker

ELECTRICAL/DATA
- Multiple outlets above counter space to accommodate small appliances
- Provide proper power for beverage cooler, refrigerator, ice maker and point of sale equipment

HVAC
- Energy efficient HVAC unit pack

TECHNOLOGY/COMMUNICATIONS
- Wireless Access Point(s)

FURNITURE FOR THE SPACE
- Long Table
- Chairs (2)
- Small refrigerator
- Ice Machine
- Beverage Cooler

HIGH SCHOOL

ATHLETICS / PHYSICAL EDUCATION
SPACE DESCRIPTIONS & RELATIONSHIPS

PE STORAGE/EQUIPMENT STORAGE

General Concept and Activities
Storage of PE and athletic equipment and materials.

Primary and Secondary Uses
Students
Coaches
Staff

Relationship and Organization
Located directly adjacent to the gymnasium.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
- Walls: minimum STC 50
- Ceilings: minimum CAC 35, NRC .70

WRITING/DISPLAY SPACES
- None

FLOORING
- Sealed concrete

WINDOWS/DOORS
- Doors (Interior): Solid Wood Core with full vision-lite and HM or aluminum frame

CASEWORK
- Full height adjustable metal shelving

LIGHTING
- Overhead lighting
- Energy efficient light switches
- Light sensors

PLUMBING
- None

ELECTRICAL/DATA
- One duplex outlet

HVAC
- Energy efficient HVAC unit pack

TECHNOLOGY/COMMUNICATIONS
- None

FURNITURE FOR THE SPACE
- None

HIGH SCHOOL

ATHLETICS / PHYSICAL EDUCATION
SPACE DESCRIPTIONS & RELATIONSHIPS

LOCKER ROOM/RESTROOMS

General Concept and Activities
The locker rooms/restrooms will be used by students for changing from school dress to appropriate attire for athletics/physical education classes. Students will store clothing in small lockers. Restrooms are part of the locker room facility.

Primary and Secondary Uses
Teachers
Students

Relationship and Organization
Locker Rooms to be located adjacent to the Gymnasium. Consider sight-lines and privacy for location.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
- Walls: minimum STC 50
- Ceilings: minimum CAC 35, NRC .70

WRITING/DISPLAY SPACES
- Small tackboard

FLOORING
- Sealed concrete and porcelain tile in restroom

WINDOWS/DOORS
- Doors (Interior): Solid Wood Core with vision-lite - view to PE office; HM or aluminum frame

CASEWORK
- Hooks
- Restroom accessories with mirror
- Hand sanitizer dispenser

LIGHTING
- Energy efficient overhead light switches
- Light sensors

PLUMBING
- Water to sinks, toilets and urinals

ELECTRICAL/DATA
- Duplex receptacles on all walls

HVAC
- Energy efficient HVAC unit pack with appropriate ventilation

TECHNOLOGY / COMMUNICATIONS
- Wireless Access Point(s)

FURNITURE FOR THE SPACE
- Benches (numbers will vary based on athletics program)
- Lockers (consult with JUSD for numbers):
  - Girls PE: 1,200 - 12x12x12 and
    200 - 36x12x12 double tier
  - Boys PE: 1,200 - 12x12x12 and
    200 - 36x12x12 double tier
  - Girls Varsity: 80 - 12x30x12 double tier
  - Boys Varsity: 80 - 12x30x12 double tier

HIGH SCHOOL

ATHLETICS / PHYSICAL EDUCATION
SPACE DESCRIPTIONS & RELATIONSHIPS

SHOWER ROOMS

General Concept and Activities
Shower facilities allow students/coaches to shower/wash after PE, practice or athletic events.

Primary and Secondary Uses
Teachers
Students

Relationship and Organization
Student showers to be located adjacent to locker rooms; coaches showers adjacent to offices. Consider sight-lines and privacy for location.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
- Walls: minimum STC 50
- Ceilings: minimum CAC 35, NRC .70

WRITING/DISPLAY SPACES
- Small tackboard

FLOORING
- Porcelain tile

WINDOWS/DOORS
- Doors (Interior): Solid Wood Core with vision-lite - view to PE office; HM or aluminum frame

CASEWORK
- Hooks at showers

LIGHTING
- Energy efficient overhead light switches
- Light sensors

PLUMBING
- Hot and cold water to showers
- Hot and cold water to sinks

ELECTRICAL/DATA
- GCFI duplex receptacles on all walls

HVAC
- Energy efficient HVAC unit pack with appropriate ventilation

TECHNOLOGY / COMMUNICATIONS
- None

FURNITURE FOR THE SPACE
- Benches
- Shower curtains and partitions

HIGH SCHOOL

ATHLETICS / PHYSICAL EDUCATION
SPACE DESCRIPTIONS & RELATIONSHIPS

ATHLETICS/PE OFFICE

General Concept and Activities

The Office is for planning, grading, conferences, scheduling, and small item storage for PE activities and Athletic programs. This space should be flexible to meet with a few students.

Primary and Secondary Users

Teachers
Students

Relationship and Organization

This room should be located directly adjacent to the Locker Rooms.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
- Walls: minimum STC 50
- Ceilings: minimum CAC 35, NRC .70

WRITING / DISPLAY SPACES
- Small tackboard

FLOORING
- Carpet Tiles

WINDOWS / DOORS
- Doors (Interior): Solid Wood Core with vision-lite - view to locker room; HM or aluminum frame

CASEWORK
- None

LIGHTING
- Energy efficient overhead light switches
- Light sensors

PLUMBING
- None

ELECTRICAL/DATA
- Provide power/data at two (2) locations on perpendicular walls for computers, allowing for multiple desk layouts.

HVAC
- Energy efficient HVAC unit pack

TECHNOLOGY / COMMUNICATIONS
- Wireless Access Point(s)

FURNITURE FOR THE SPACE
- Workstation with task chair
- Shelving for storage equipment

HIGH SCHOOL

ATHLETICS / PHYSICAL EDUCATION
SPACE DESCRIPTIONS & RELATIONSHIPS

WEIGHT ROOM

General Concept and Activities
The weight room shall serve as a place for students/athletes and staff to utilize free weights and work-out equipment for physical fitness.

Primary and Secondary Uses
Students
Coaches
Staff

Relationship and Organization
Located directly adjacent to the gymnasium.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
- Walls: minimum STC 50
- Ceilings: minimum CAC 35, NRC .70

WRITING/DISPLAY SPACES
- None

FLOORING
- Weight Room Rubber Flooring

WINDOWS/DOORS
- Doors (Interior): Solid Wood Core with full vision-lite and HM or aluminum frame

CASEWORK
- Full height adjustable shelving

LIGHTING
- Overhead lighting
- Energy efficient light switches
- Light sensors

PLUMBING
- Drinking fountains with bottle filling capability

ELECTRICAL/DATA
- Electrical duplex outlets at all data ports
- Wall mounted clock
- Speakers
- Wall mounted data outlets (2) port, approximately 2 per wall

HVAC
- Energy efficient HVAC unit pack

TECHNOLOGY/COMMUNICATIONS
- Wireless Access Point(s)

FURNITURE FOR THE SPACE
- Coordinate weights/weight equipment with JUSD
- Mirrors along one wall

HIGH SCHOOL

ATHLETICS / PHYSICAL EDUCATION
SPACE DESCRIPTIONS & RELATIONSHIPS

FITNESS ROOM

General Concept and Activities
The fitness room shall serve as a place for students/ athletes and staff to workout.

Primary and Secondary Uses
Students
Coaches
Staff

Relationship and Organization
Located directly adjacent to the gymnasium.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
- Walls: minimum STC 50
- Ceilings: minimum CAC 35, NRC .70

WRITING/DISPLAY SPACES
- None

FLOORING
- Athletic Rubber Flooring

WINDOWS/DOORS
- Doors (Interior): Solid Wood Core with full vision-lite and HM or aluminum frame

CASEWORK
- Full height adjustable shelving

LIGHTING
- Overhead lighting
- Energy efficient light switches
- Light sensors

PLUMBING
- Drinking fountains with bottle filling capability

ELECTRICAL/DATA
- Electrical duplex outlets at all data ports
- Wall mounted clock
- Speakers
- Wall mounted data outlets (2) port, approximately 2 per wall

HVAC
- Energy efficient HVAC unit pack

TECHNOLOGY/COMMUNICATIONS
- Wireless Access Point(s)

FURNITURE FOR THE SPACE
- Cardio equipment
- Mirrors along one wall

HIGH SCHOOL

ATHLETICS / PHYSICAL EDUCATION
SPACE DESCRIPTIONS & RELATIONSHIPS

TRAINING ROOM

General Concept and Activities
The training room shall serve as a place for students/athletes to receiving taping, treatment of minor injuries and rehabilitation.

Primary and Secondary Uses
Students
Coaches
Staff

Relationship and Organization
Located directly adjacent to the gymnasium.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
- Walls: minimum STC 50
- Ceilings: minimum CAC 35, NRC .70

WRITING/DISPLAY SPACES
- None

FLOORING
- Athletic Rubber Flooring

WINDOWS/DOORS
- Doors (Interior): Solid Wood Core with full vision-lite and HM or aluminum frame

CASEWORK
- Full height adjustable shelving
- Upper and Lower Cabinets with sink

LIGHTING
- Overhead lighting
- Energy efficient light switches
- Light sensors

PLUMBING
- Drinking fountains with bottle filling capability
- Water to ice machine and sink

ELECTRICAL/DATA
- Electrical duplex outlets at all data ports
- Wall mounted clock
- Speakers
- Wall mounted data outlets (2) port, one (1) per wall

HVAC
- Energy efficient HVAC unit pack

TECHNOLOGY/COMMUNICATIONS
- Wireless Access Point(s)

FURNITURE FOR THE SPACE
- Taping Tables
- Chairs (2-3)

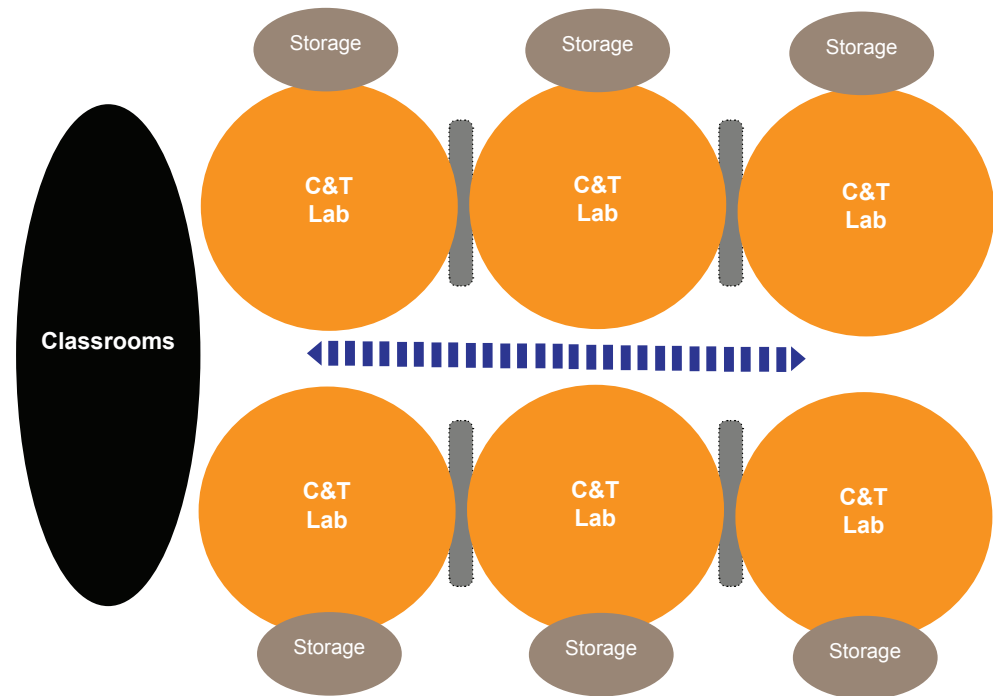# HIGH SCHOOL

CAREER &
TECHNOLOGY

HIGH SCHOOL

CAREER & TECHNOLOGY PROGRAM OF SPACES

SPACE	Qty	Space/SF	TOTAL AREA
Career & Technology Labs	6*	1,200	7,200
Storage	6*	120	480
Career & Technology Subtotal			**7,680**

*Total number of classrooms will vary by campus. Figures listed here need to be confirmed based on individual campus needs.

HIGH SCHOOL

CAREER & TECHNOLOGY ADJACENCY

HIGH SCHOOL

CAREER & TECHNOLOGY

SPACE DESCRIPTIONS & RELATIONSHIPS

CAREER & TECHNOLOGY LABS AND STORAGE
General Concept and Activities
The Labs shall facilitate an interdisciplinary, learner-centered approach to instruction with full integration of technology. The facilities and amenities must be flexible to accommodate a variety of instructional activities, providing active and passive spaces that encourage different types of learning styles; from large lecture to small group to individual work.

Storage rooms shall be used to store supplies as well as other materials necessary for surrounding programs.

Some of the programs offered in these spaces are as follows:

- Structural Repair and Refinishing
- Transportation
- Logistics and Operations
- Agriscience
- Design, Visual and Media Arts
- Residential and Commercial Construction
- Engineering Design
- Product Design and Innovation
- Software and Systems Development
- Diagnostics Systems and Repair Services
- Patient Care
- Professional Sales
- Public Safety
- Ornamental Horticulture
- Food Service and Hospitality
- Animal Science

Primary and Secondary Uses
Students
Teachers

Relationship and Organization
The labs should be located close to core classroom spaces.

Features of the Space
Labs shall be technology rich to support all student learning-styles, have the ability to support diverse grouping strategies, encourage interdisciplinary teaching and support diverse technology rich CTE programs. Classrooms should be grouped to allow for movable walls to help facilitate multi-use of the space.

ENVIRONMENTAL SOUND CONTROL
- Walls: minimum STC 50
- Ceilings: minimum CAC 35, NRC .70

WRITING/DISPLAY SPACES
- Magnetic whiteboard - one 12' markerboard flanked by two 4' markerboards
- Tackboards on all other walls

FLOORING
- Resilient flooring or sealed concrete

WINDOWS/DOORS
- Doors (Exterior): Metal Poly Core with vision-lite and HM or aluminum frame
- Doors (Interior): Solid Wood Core with vision-lite and HM or aluminum frame
- Doors should be wide enough to provide accessible entry points for large equipment and machines
- Exterior windows that provide maximum natural daylight - provide shading devices (consider sensors)

CASEWORK
- Adjustable metal shelving in storage rooms
- Storage should be secure and lockable
- Additional storage may needed. Review needs with JUSD.

LIGHTING (in Lab)
- Natural lighting
- Overhead fixtures
- Energy efficient light switches
- Light sensors

PLUMBING (in Lab)
- Water to Eye Wash Station with drain
- Deep basin sink with cold water
- Hand sink with cold water

ELECTRICAL/DATA
- Provide multiple duplex receptacles on each wall in addition to power for computers/technology
- Duplex receptacles above casework and demo station
- Overhead power reels and/or floor outlets for access to center tables
- Storage room should have multiple receptacles on each wall to provide availability for charging equipment as necessary.

HVAC
- Energy efficient HVAC unit pack

TECHNOLOGY / COMMUNICATIONS (in Lab)
- Wireless Access Point(s)
- Projection device

FURNITURE FOR THE SPACE (in Lab)
- Movable flip/nest tables with dry erase tops
- Height adjustable, movable tables with cabinet management tray for ease of access to power
- Student chairs on casters
- Movable storage on casters
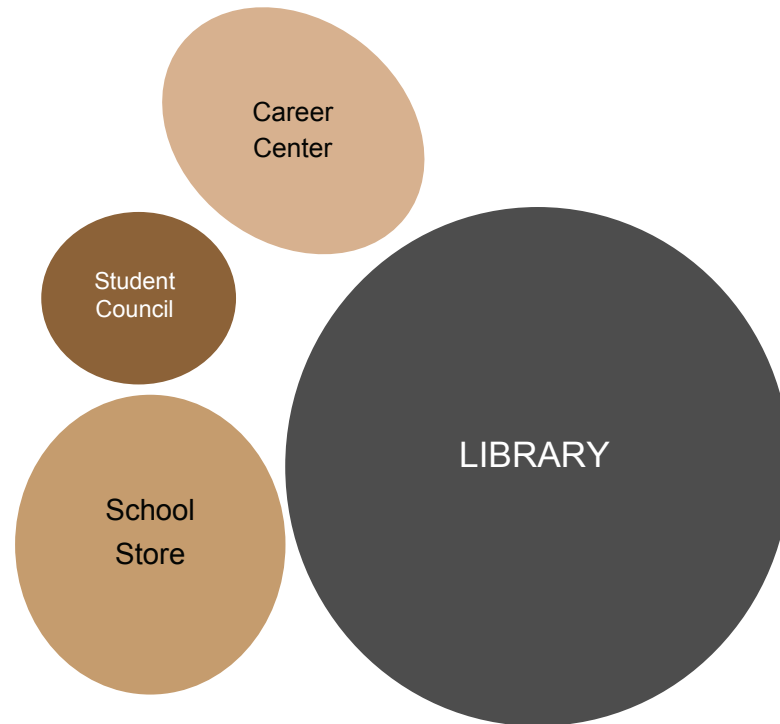- Interactive boards
- Fire extinguisher

HIGH SCHOOL

ANCILLARY SPACES

HIGH SCHOOL

ANCILLARY SPACES
PROGRAM OF SPACES

SPACE	Qty	Space/SF	TOTAL AREA
School Store	1	960	960
Student Council Office	1	200	200
Career Center	1	960	960
Career & Technology Subtotal			**2,120**

HIGH SCHOOL

ANCILLARY SPACES ADJACENCY

Career Center

Student Council

School Store

LIBRARY

HIGH SCHOOL

ANCILLARY SPACES
SPACE DESCRIPTIONS & RELATIONSHIPS

SCHOOL STORE

General Concept and Activities
The School Store provides students the opportunity to purchase spirit wear, supplies and snacks.

Primary and Secondary Uses
Students
Teachers

Relationship and Organization
Opens to library/media center area and outdoor courtyard for daily use.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
• Walls: minimum STC 50
• Ceilings: minimum CAC 35, NRC .70

WRITING/DISPLAY SPACES
• Magnetic markerboards
• Tackboards or tackboard

FLOORING
• Resilient flooring

WINDOWS/DOORS
• Doors (Interior): Solid Wood Core with vision-lite and HM or aluminum frame
• Exterior windows that provide maximum natural daylight - provide shading devices (consider sensors)
• Counter at window
• Overhead door at counter

CASEWORK
• Counter with drawers (lockable)
• Tall storage cabinets

LIGHTING
• Natural lighting
• Overhead fixtures
• Energy efficient light switches
• Light sensors

PLUMBING
• None

ELECTRICAL/DATA
• 2 duplex receptacles on each wall
• Duplex receptacles above counter for computer

HVAC
• Energy efficient HVAC unit pack

TECHNOLOGY / COMMUNICATIONS
• Wireless Access Point(s)

FURNITURE FOR THE SPACE
• Stools or chairs

HIGH SCHOOL

ANCILLARY SPACES
SPACE DESCRIPTIONS & RELATIONSHIPS

STUDENT COUNCIL OFFICE

General Concept and Activities
The Office is for student council meetings and a place where students can meet with fellow students to discuss issues important to the student population.

This space will also be used as workspace for student council (painting, construction, etc.)

Primary and Secondary Users
Students

Relationship and Organization
This room should be located directly adjacent to the library/media center.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
• Walls: minimum STC 50
• Ceilings: minimum CAC 35, NRC .70

WRITING / DISPLAY SPACES
• 12' markerboard

FLOORING
• Resilient flooring

WINDOWS / DOORS
• Doors (Interior): Solid Wood Core with vision-lite - view to locker room; HM or aluminum frame
• Door openings should be wide (min 4')

CASEWORK
• Small base cabinet with sink

LIGHTING
• Energy efficient overhead light switches
• Light sensors

PLUMBING
• Cold water to sink

ELECTRICAL/DATA
• Duplex receptacles on all walls

HVAC
• Energy efficient HVAC unit pack

TECHNOLOGY / COMMUNICATIONS
• Wireless Access Point(s)

FURNITURE FOR THE SPACE
• Flexible tables and seating to accommodate different activities.
• Seating for 8-10

HIGH SCHOOL

ANCILLARY SPACES
SPACE DESCRIPTIONS & RELATIONSHIPS

CAREER CENTER

General Concept and Activities

The Career Center provides students with guidance for their research on college and careers. This space provides the resources students need to best make this decision, as well as support for scholarships and other financial options.

Primary and Secondary Uses

Students
Teachers

Relationship and Organization

Located in close proximity library/media center.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
- Walls: minimum STC 50
- Ceilings: minimum CAC 35, NRC .70

WRITING/DISPLAY SPACES
- Magnetic markerboards
- Tackboards

FLOORING
- Carpet Tiles

WINDOWS/DOORS
- Doors (Interior): Solid Wood Core with vision-lite and HM or aluminum frame
- Exterior windows that provide maximum natural daylight - provide shading devices (consider sensors)

CASEWORK
- Tall open shelving units to display catalogs

LIGHTING
- Natural lighting
- Overhead fixtures
- Energy efficient light switches
- Light sensors

PLUMBING
- None

ELECTRICAL/DATA
- 2 duplex receptacles on each wall in addition to power for computers/technology
- Power and data for mounted projector
- Multiple phone outlets to be provided

HVAC
- Energy efficient HVAC unit pack

TECHNOLOGY / COMMUNICATIONS
- Wireless Access Point(s)

FURNITURE FOR THE SPACE
- Several round tables and chairs (4-6 at each table)
- Movable shelving units

HIGH SCHOOL

CUSTODIAL

HIGH SCHOOL

CUSTODIAL
PROGRAM OF SPACES

SPACE	Qty	Space/SF	TOTAL AREA
Custodial Closets	8*	60	480
(Located throughout campus)			
Subtotal			**480**

*Actual number of custodial closets will vary based on campus layout.

HIGH SCHOOL

CUSTODIAL
SPACE DESCRIPTIONS & RELATIONSHIPS

CUSTODIAL CLOSETS

General Concept and Activities
Custodial rooms should be placed around the campus to allow for access to water, buckets/mops, cleaning equipment and paper product storage for restrooms. These rooms will typically be used by one custodian at a time.

Primary and Secondary Users
Staff

Relationship and Organization
These rooms should ideally be located close to large restrooms and one should be located in food service area.

Features of the Space

ENVIRONMENTAL SOUND CONTROL
• None

WRITING / DISPLAY SPACES
• None

FLOORING
• Sealed Concrete

WINDOWS / DOORS
• Metal Door

CASEWORK
• None

LIGHTING
• Energy efficient overhead light switches
• Light sensors

PLUMBING
• Mop Sink

ELECTRICAL/DATA
• Duplex receptacles on all walls

HVAC
• Exhaust

TECHNOLOGY / COMMUNICATIONS
• None

FURNITURE FOR THE SPACE
• Adjustable metal shelving for supplies