

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

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

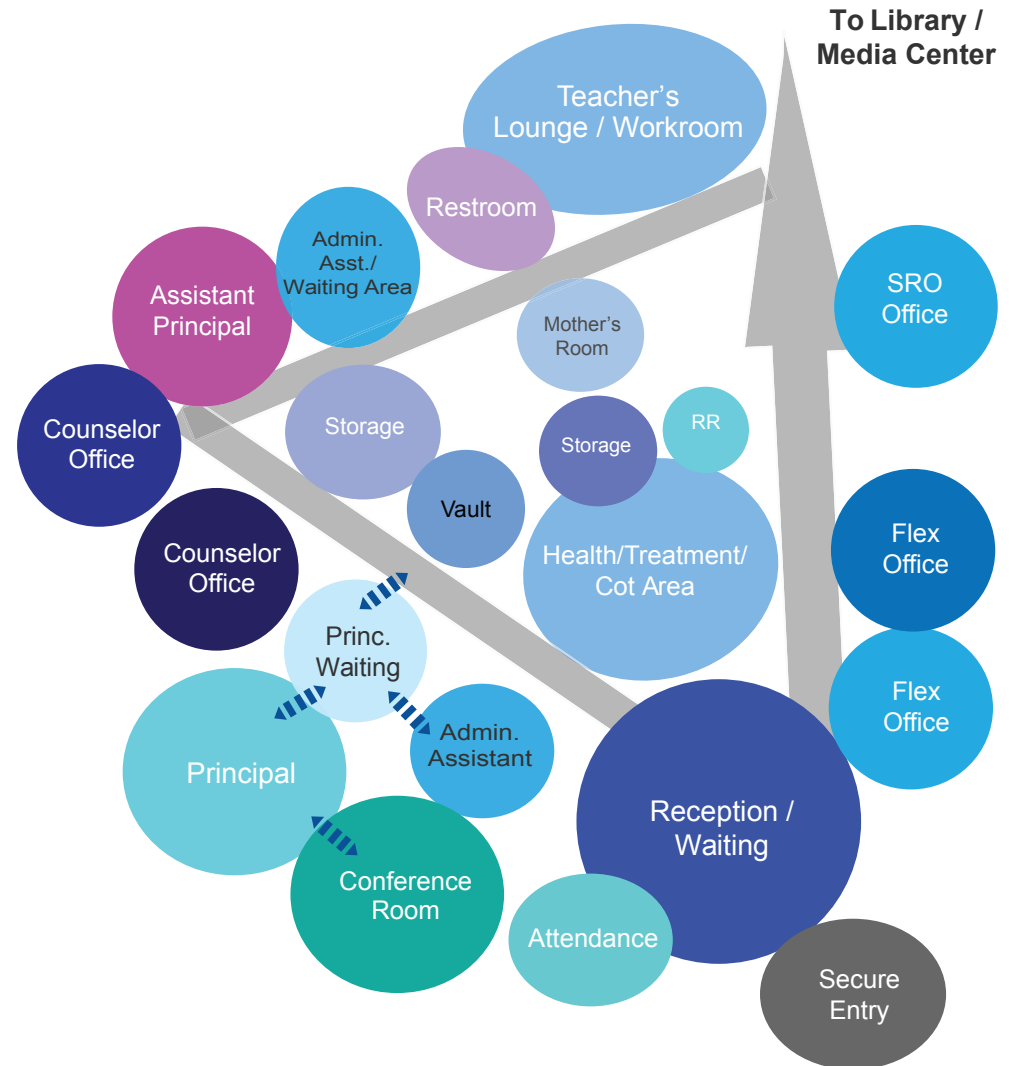
MIDDLE SCHOOL
ADMINISTRATION
PROGRAM OF SPACES

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



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

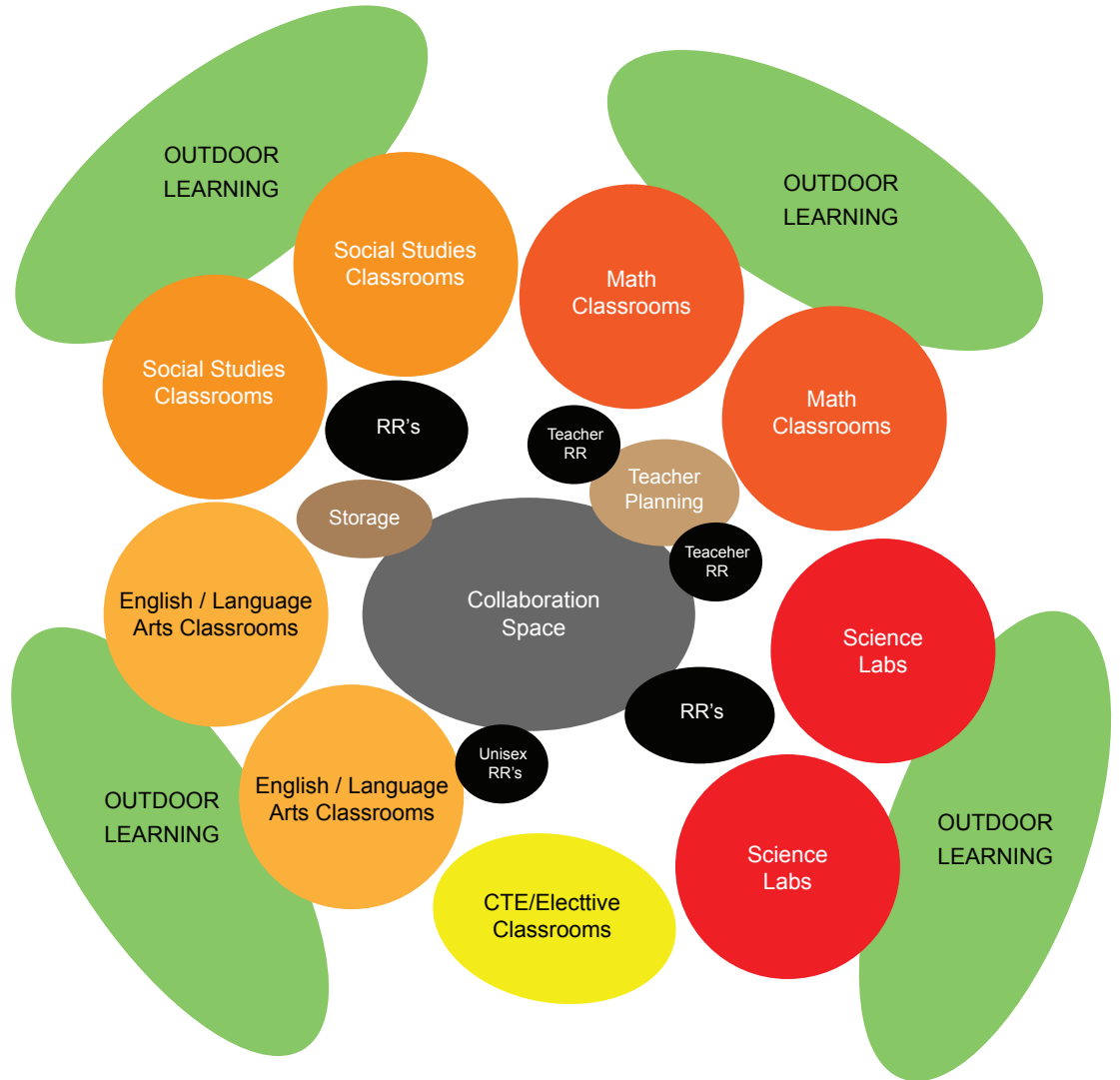
MIDDLE SCHOOL

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



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 required 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



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

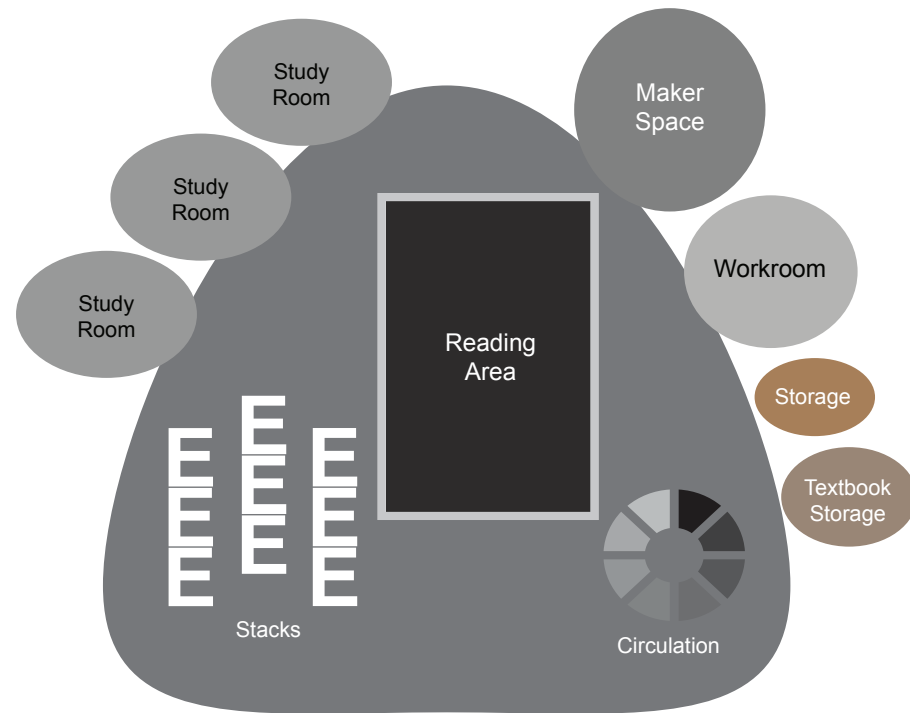
MEDIA CENTER /
LIBRARY

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



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

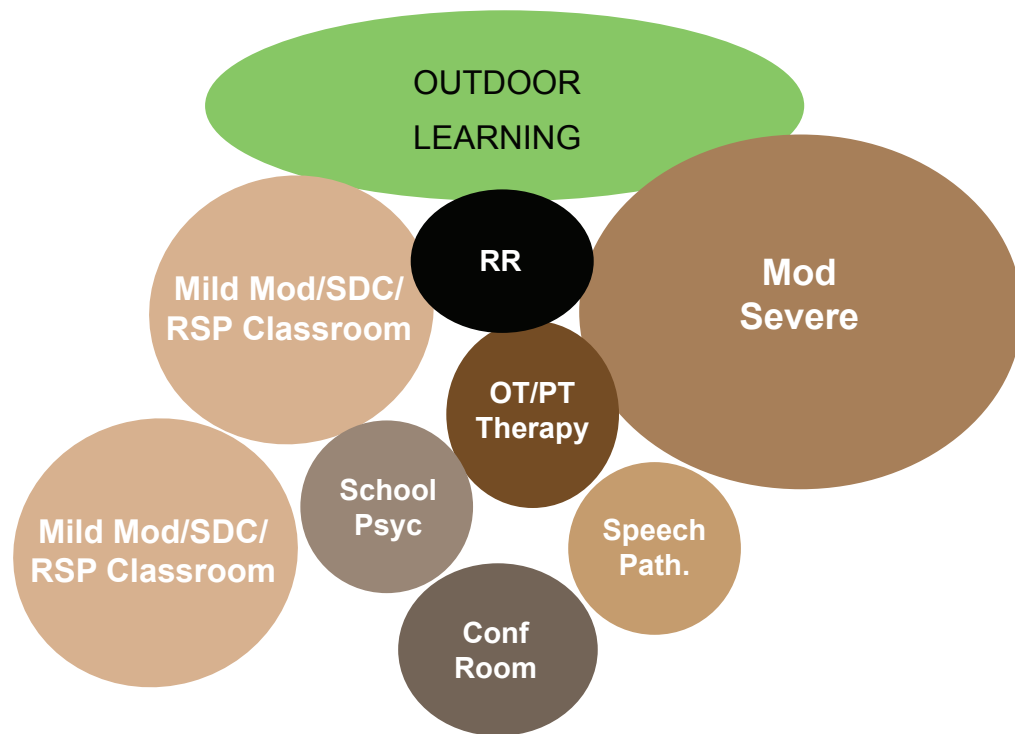
SPECIAL EDUCATION
PROGRAM OF SPACES

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



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

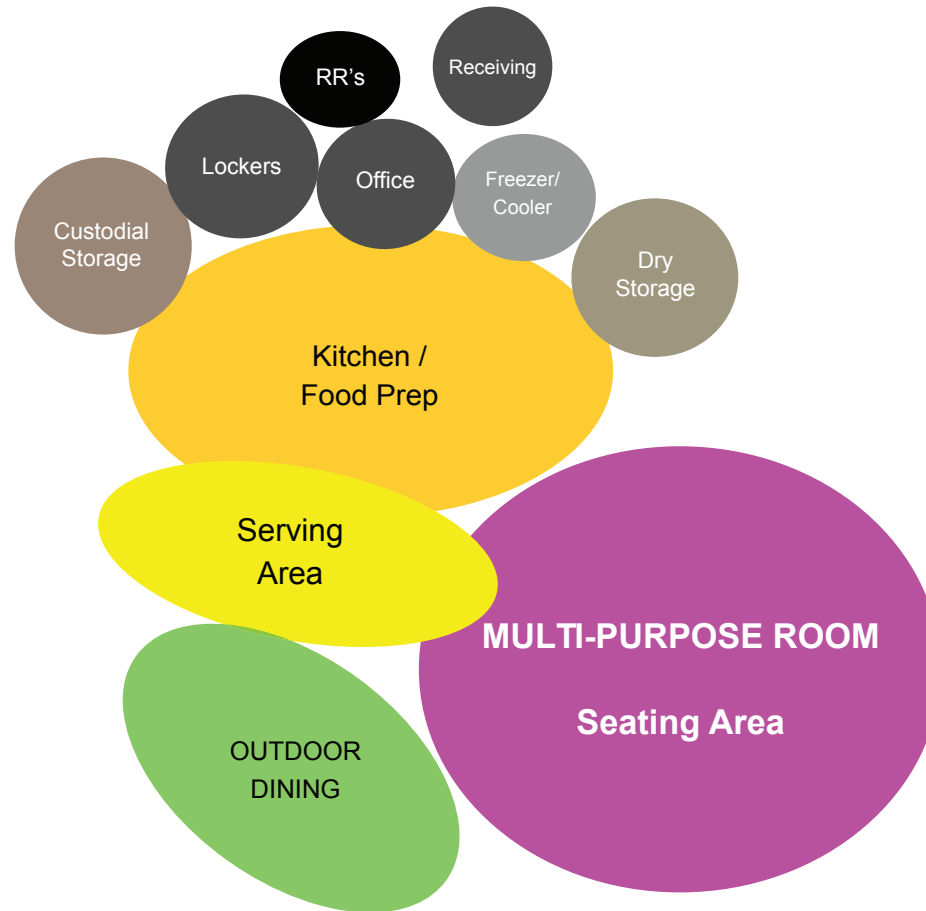
NUTRITIONAL SERVICES

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





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

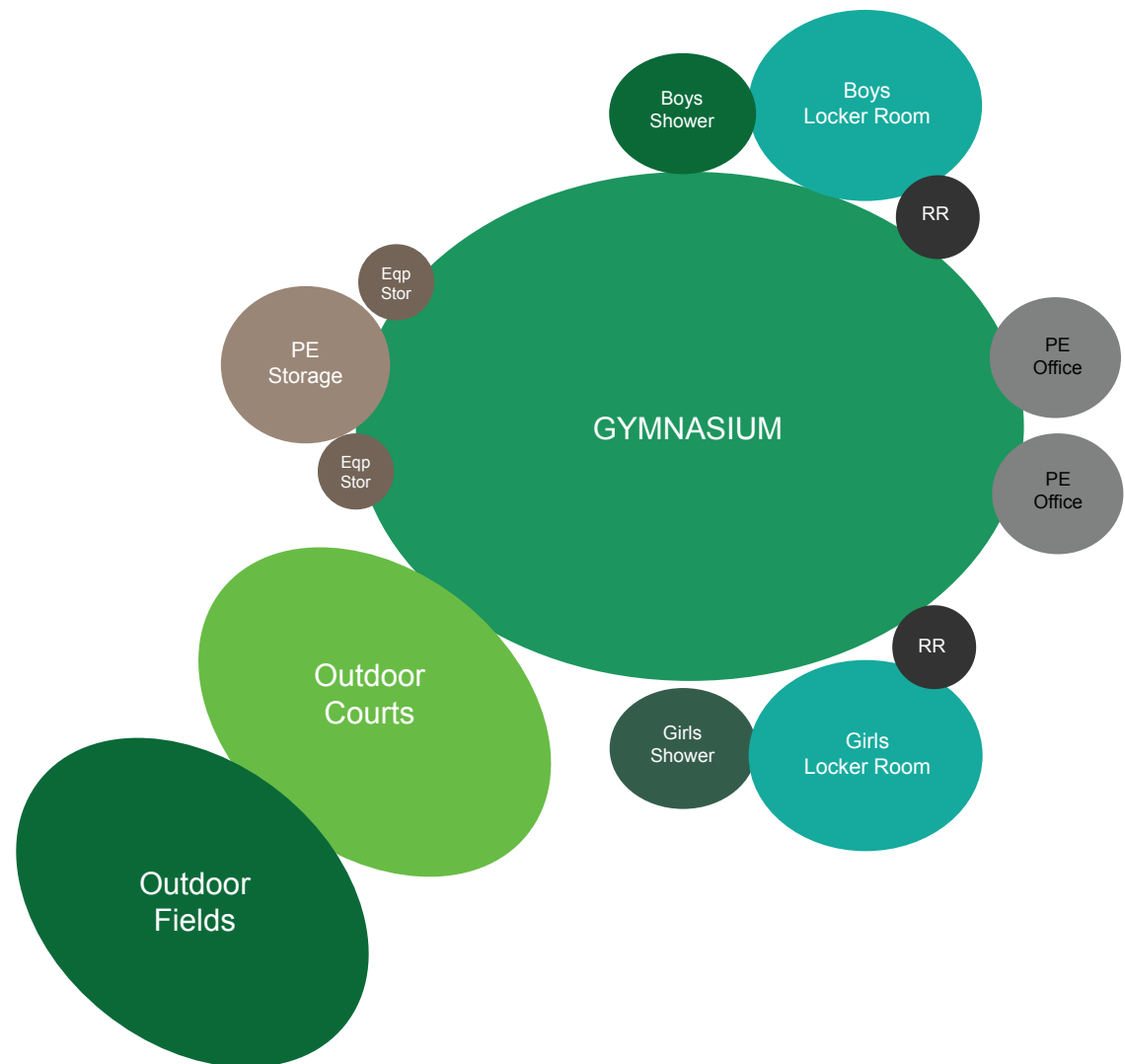
ATHLETICS /PHYSICAL EDUCATION

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





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

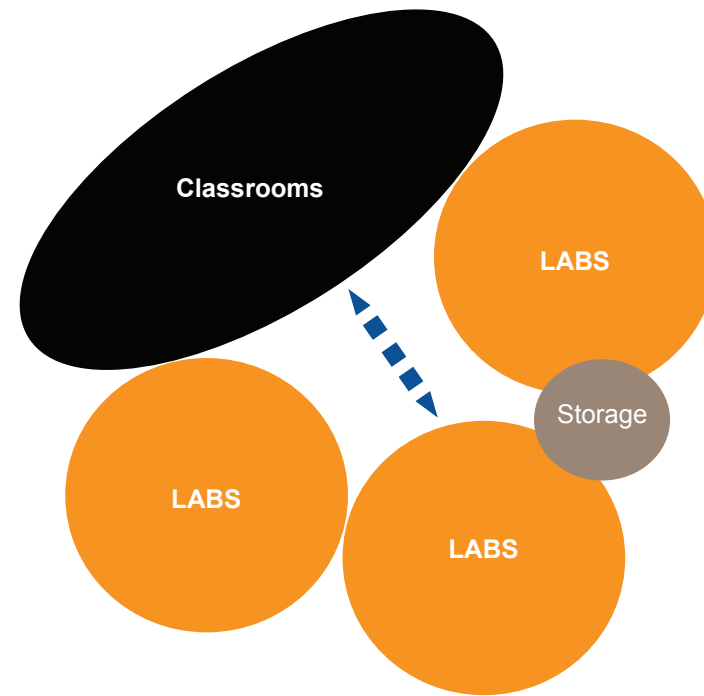
MIDDLE SCHOOL
 CAREER &
 TECHNOLOGY
 PROGRAM OF SPACES

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



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 /data 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

