

# ACADEMIC CORE

## PROGRAM DESCRIPTION

The District's Facilities Committee and staff identified a number of strategies for the development of the classroom and academic core facilities. Central to the discussion were the ideas of flexible spaces, a variety of learning spaces, fostering collaboration and creating a technology-rich environment for students.

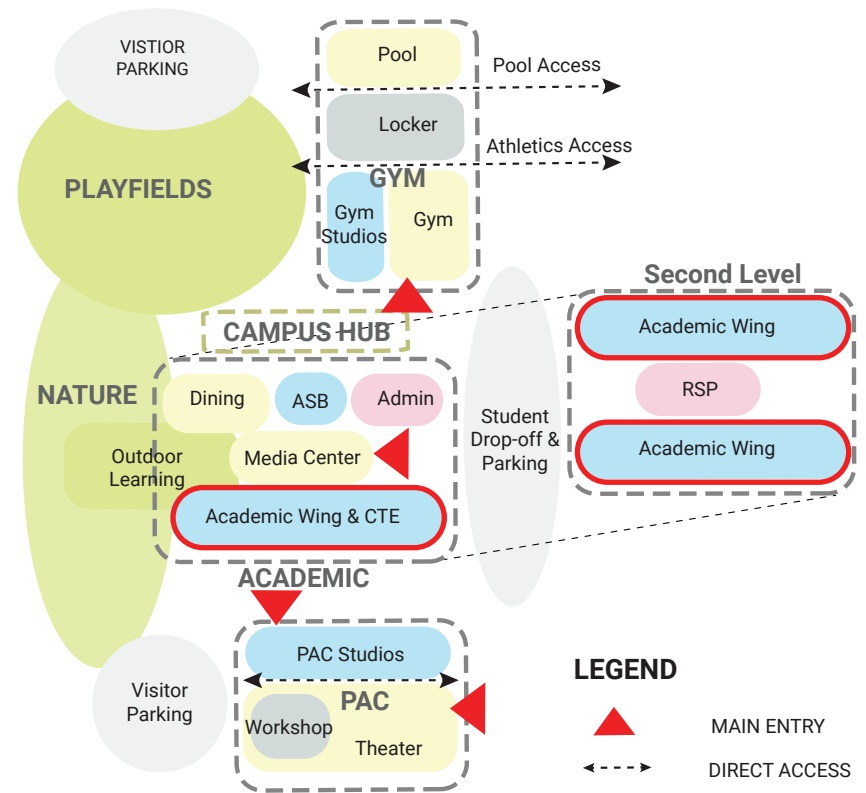
It was envisioned that learning studios will be organized to facilitate an interdisciplinary, learner-centered approach to instruction with full integration of technology. Learning Studios will be clustered around a group Collaboration area, Small Group Rooms for multiple uses such as the supporting RSP students and collaboration; teacher work rooms, restrooms and necessary support facilities. The learning studio 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.

A Collaboration Zone (Commons) would be provided as a place for collaboration, break-out, teacher/ student meetings, mentoring, and small group activities. Access between classroom groups and Collaboration Zones will support team teaching and collaboration and specialized learning activities.



# SPATIAL RELATIONSHIPS AND ADJACENCIES

## KEY PLAN

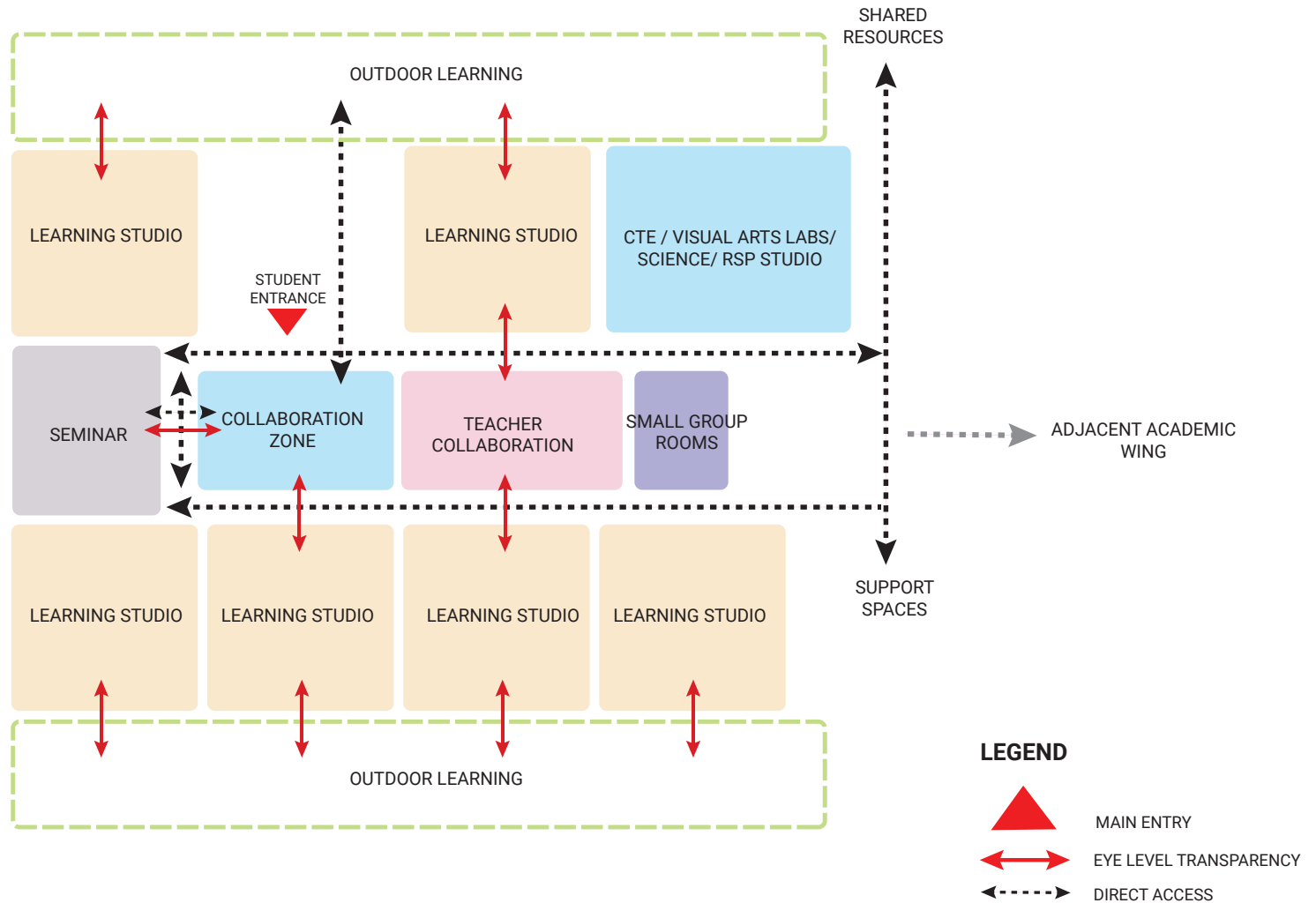


## SPACE CONSIDERATIONS

The Academic Wing including the Shared Commons would have a proximity to the campus library/media center for additional learning opportunities. The learning studios also need to be connected to outdoor learning spaces for both large and small groups. Learning studios are desired to have the ability to open up into the Shared Commons. Learning studios will be designed to have technology access for individual devices (BYOD) and integrated large-scale devices for the teacher. It is envisioned that learning studios might have wall takers to utilize during instruction. There should be the ability to support diverse grouping strategies, encourage interdisciplinary teaching with visibility to adjoining classrooms and shared collaboration areas. The Shared Commons is a flexible space with movable, groupable furnishings. It should accommodate a variety of activities including computer instruction, team teaching, and small group work. The space should include a design for floor outlets, wireless technology, and charging stations for mobile devices to maximize flexibility. The Visual Arts, Science and CTE studios (not including Video Production and Digital Music Lab) are accommodated between the academic wings. These spaces are desired to have visual connection to the outdoor leaning areas and/or collaboration spaces.

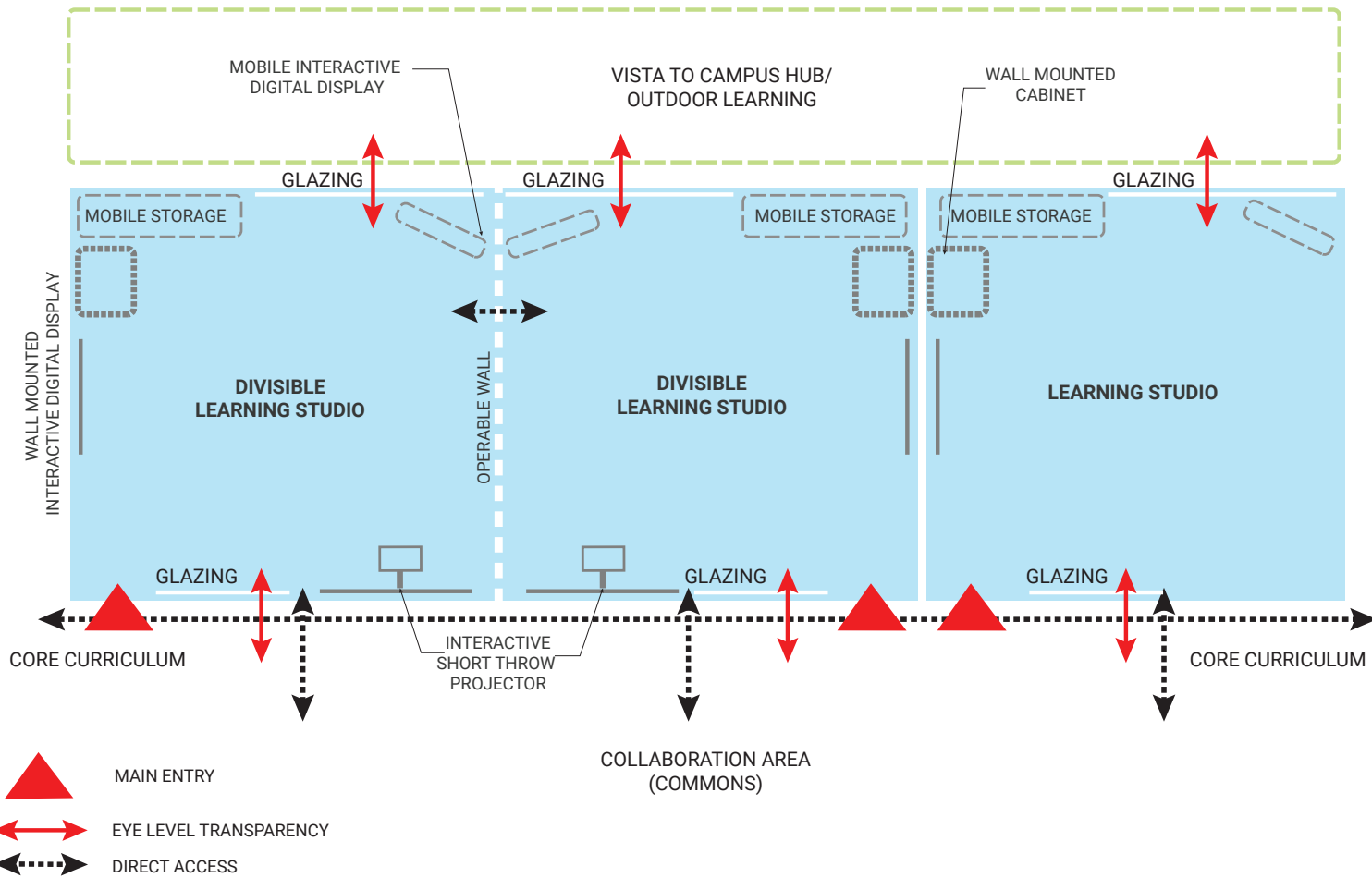
# SPATIAL RELATIONSHIPS AND ADJACENCIES

## ACADEMIC WING TYP.



# SPATIAL RELATIONSHIPS AND ADJACENCIES

## ACADEMIC WING | LEARNING STUDIOS



## LEARNING STUDIO TYPICAL

Spatial Program:

(36) at 960 SF each. (1) typical Learning Studio will be dedicated to CNA program

Activities Description:

Special Day Class (SDC) Learning Studios are integrated into each academic wing to provide full inclusion for SDC students into the mainstream by sharing a commons, and small group rooms

The learning studio provides flexible space to support multiple learning modalities simultaneously. Activities include: whole and small group lecture/discussion, individual, and collaborative teaching and learning activities, instructor group tutoring, peer tutoring, and student testing. The Learning Studios are directly connected to the commons to provide more space for multiple learning activities.

Adjacencies and Support Spaces:

- Collaboration Zone (Commons)
- Teacher Collaboration Rooms
- Small Group Rooms (support space)
- Seminar Studios

Finishes and Materials:

- Floor: Carpet tiles to enhance acoustics
- Walls: Painted gypsum board, vinyl wall covering over gypsum board or tackable surface, acoustical wall treatment, whiteboard wall treatment for interactive throw projectors approved by projector manufacturer, wall treatments to be floor to ceiling
- Ceiling: Suspended acoustical tile (ACT), painted gypsum board soffits
- Door: View panel or sidelite
- Roller shade with visually transparent sunscreens

Millwork/ Fixtures:

- Custom casework for AV rack, teacher wardrobe and earthquake kit

Furnishings:

- Mobile teacher's desk with no outlets attached and task chair

- Mobile storage (students and materials)
- Mobile student tables and chairs (5% to meet ADA code)
- Height adjustable tables and bar-height stools
- Avoid large tables to ensure maximum flexibility
- Soft seating
- Furniture with dry erase surfaces
- Furniture with charging devices
- Tablet storage cart

Technology / Electrical:

- (1) interactive mobile digital display
- (1) wall mounted interactive digital display (all wall-mounted Interactive flat panel displays and projectors shall be appropriately sized for each space.)
- At divisible learning studios (that can flex into one larger room), provide (1) Interactive short throw projector (Zoom infrastructure)
- Sound enhancement equipment and ceiling mounted speakers
- Printer to be purchased by District
- Outlets for general room requirements and student use
- Outlet at teacher's desk
- Wireless network access
- Telephone
- Synchronized clock system
- IT - Domain names for AV

## SEMINAR/ DISTANCE LEARNING STUDIO

Spatial Program:

(7) at 700-760 SF each

Activities Description:

Seminar rooms are designated for electives that have 15 students or less enrolled, the rooms support multiple learning modalities seminars, including small group work, project based learning, and independent work. Direct connectivity between seminar rooms and Collaboration Zone with operable walls will provide greater flexibility to provide more space for multiple learning activities. When classes are not in session, the seminar operable walls can open to enlarge the Collaboration Zone

#### Adjacencies and Support Spaces:

- Collaboration Activity Center
- Teacher Collaboration Room
- Small Group Rooms
- Learning Studios

#### Finishes and Materials:

- Floor: Rubber flooring
- Walls: Painted gypsum board, vinyl wall covering over gypsum board or tackable surface, acoustical wall treatment, whiteboard wall treatment for interactive throw projectors approved by projector manufacturer, wall treatments to be floor to ceiling
- Ceiling: Suspended acoustical tile (ACT), suspended wood-look acoustical panels, painted gypsum board soffit
- Door: View panel or sidelite
- Roller shade with visually transparent sunscreens

#### Millwork/ Fixtures:

- N/A

#### Furnishings:

- Mobile tables and chairs that can be configured into a Harkness table for seminars or pulled apart
- Movable lounge chairs, sofa, and side table
- Wall mounted cabinet for earthquake kit

#### Technology / Electrical:

- (1) mobile Interactive flat screen (to be shared with adjacent Collaboration Zone)
- Zoom Infrastructure
- Outlets for general room requirements
- Wireless network access
- Telephone
- Synchronized clock system
- IT - Domain names for AV

## RSP STUDIO (LEARNING RESOURCE CENTER)

#### Spatial Program:

(1) at 400 SF

#### Activities Description:

The RSP Learning Studio is one of the main spaces used as a Learning Resource Center to provide space during and after school hours for students with disabilities to receive extra support in areas of need: Academic, social and emotional guidance. Locating this space in the academic will help RSP students more easily integrate into the mainstream.

#### Adjacencies and Support Spaces:

- Small Group Room (support)
- RSP Teacher Collaboration Room (support)
- Seminar studios
- Media Center (support)
- IEP Meeting Room (support)
- Flex Labs

#### Finishes and Materials:

- Floor: Carpet tiles
- Walls: Painted gypsum board, vinyl wall covering over gypsum board or tackable surface, acoustical wall treatment, whiteboard wall treatment for interactive throw projectors approved by projector manufacturer, wall treatments to be floor to ceiling
- Ceiling: Suspended acoustical tile (ACT), painted gypsum board soffit
- Door: View panel or sidelite
- Roller shade with visually transparent sunscreens

#### Millwork/ Fixtures:

- Custom casework for AV rack, teacher wardrobe and earthquake kit

#### Furnishings:

- Mobile teacher's desk or podium with no outlets attached to desk
- Mobile student tables and chairs

Technology / Electrical:

- (1) interactive mobile digital display
- (1) wall mounted interactive digital display (all wall-mounted Interactive flat panel displays and projectors shall be appropriately sized for each space.)
- Zoom Infrastructure
- Outlets for general room requirements
- Wireless network access
- Telephone
- Synchronized clock system
- IT - Domain names for AV

## ACADEMIC WING | SMALL GROUP

### SMALL GROUP ROOM

Spatial Program:

(10) at 85 -120 SF each

Activities Description:

Small group rooms are designated for informal or formal small group collaboration or individual instruction. They can be adaptable for multiple uses and multiple models of learning including small group work, project/build work, and independent work. Locating near seminar rooms, the small group rooms can be used as a support by becoming breakout spaces for smaller group tasks.

Adjacencies and Support Spaces:

- Learning Studios
- Seminar Studios
- Collaboration Area (Commons)
- Teacher Collaboration Rooms
- Media Center

Finishes and Materials:

- Floor: Polished concrete flooring, rubber flooring
- Walls: Painted gypsum board, vinyl wall covering over gypsum board or tackable surface, acoustical wall treatment, whiteboard wall treatment for interactive throw projectors approved by projector manufacturer, wall treatments to be floor to ceiling
- Ceiling: Suspended acoustical tile (ACT), suspended wood look panels, painted gypsum board soffit
- Door: View panel or sidelite

Millwork/ Fixtures:

- N/A

Furnishings:

- Movable student collaboration tables and chairs as needed

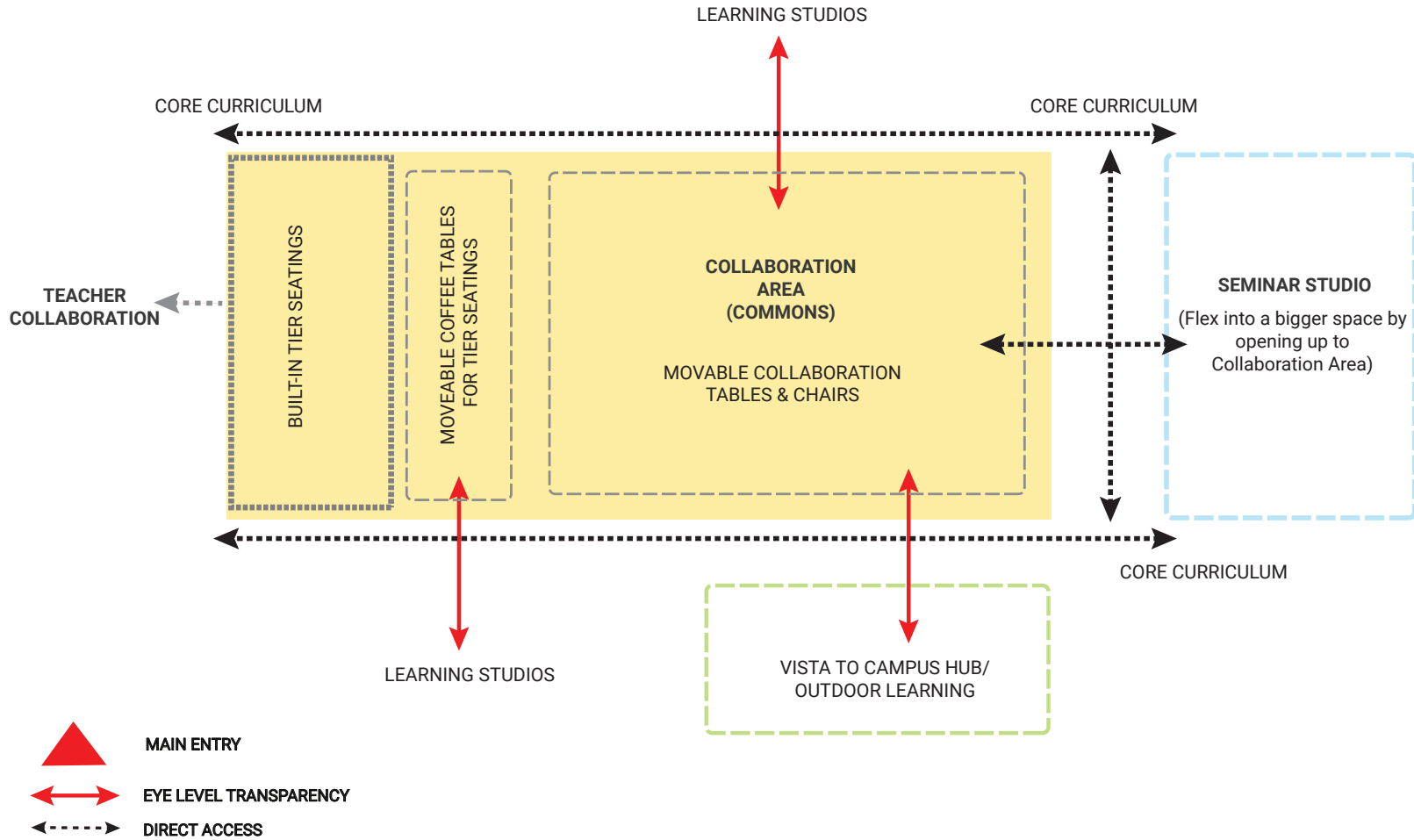
Technology / Electrical:

- Outlets for general room requirements and worktable use
- Wireless network access
- Synchronized clock system
- IT - Domain names for AV



# SPATIAL RELATIONSHIPS AND ADJACENCIES

## ACADEMIC WING | COLLABORATION ZONE (COMMONS)



## COLLABORATION ZONE (COMMONS)

Spatial Program:

(6) at 480 SF each

Activities Description:

The Commons will support multiple learning activities with enhanced acoustics, as well as lightweight furniture and fixtures/equipment to define purposeful zones, yet provide flexibility for different scales of activities. The commons must be a minimum of 20' wide to accommodate both circulation and furniture zones. It is an extension of the footprint of the learning studios providing teachers with more space to empower their students to take ownership of their learning while being able to supervise them from the learning studios.

Adjacencies and Support Spaces:

- Learning Studios
- Seminar Studios
- Teacher Collaboration Rooms

Finishes and Materials:

- Floor: Polished concrete flooring, rubber flooring
- Walls: Painted gypsum board, vinyl wall covering over gypsum board or tackable surface, acoustical wall treatment, whiteboard wall treatment for interactive throw projectors approved by projector manufacturer, wall treatments to be floor to ceiling
- Ceiling: Suspended acoustical tile (ACT), suspended wood look panels, painted gypsum board soffit

Millwork/ Fixtures:

- Built-in tier seating for whole group presentation/lecture (5% to meet ADA code)

Furnishings:

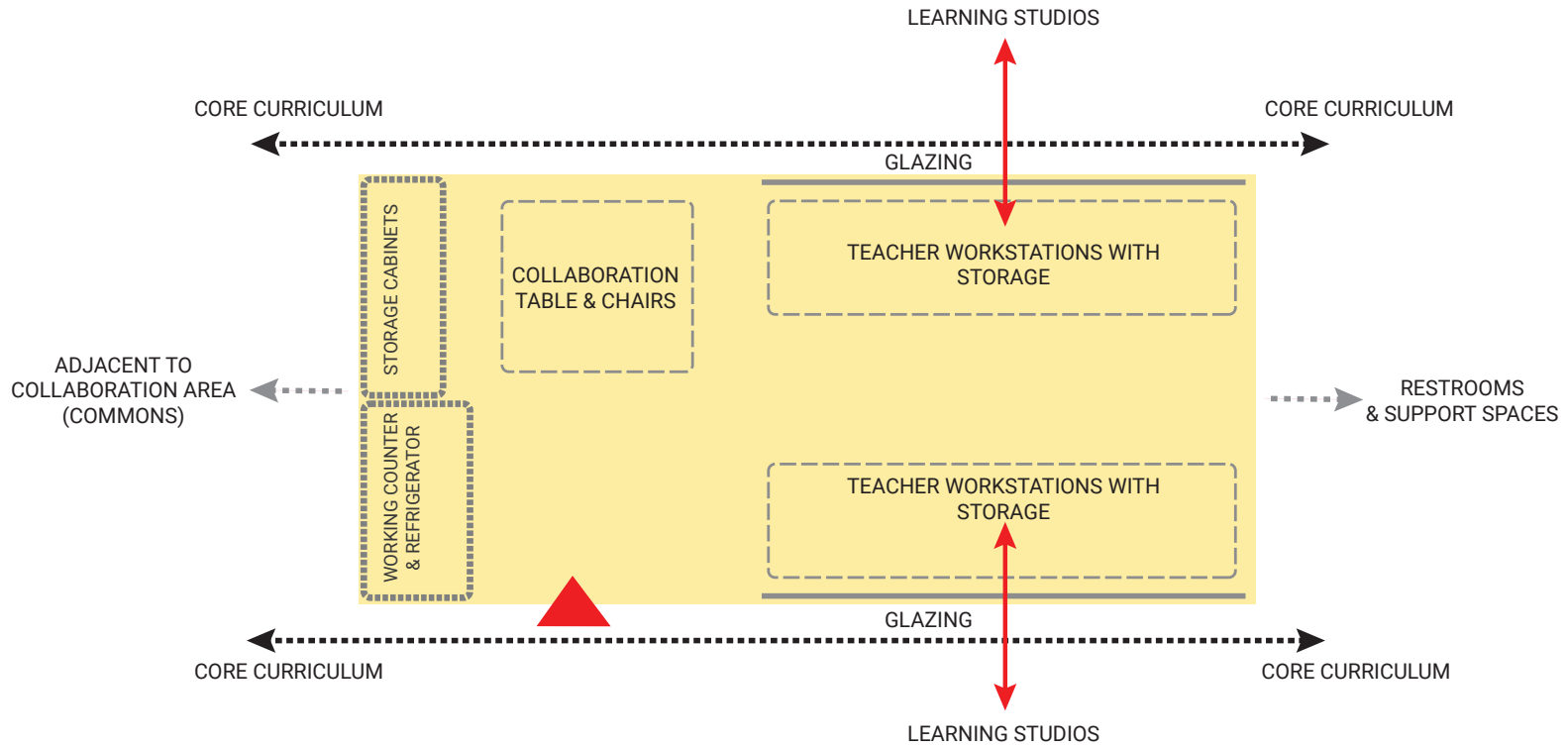
- Small mobile flip-top desk tables (can be stackable)
- Mobile chairs on casters
- Soft seating for restorative zones
- Soft seating tablet chairs for independent learning
- Mobile whiteboards

Technology / Electrical:

- (1) mobile Interactive flat screen (to be shared with adjacent Seminar Room)
- Outlets for general room requirements and worktable use
- Wireless network access
- Synchronized clock system
- IT - Domain names for AV
- Wireless network access

# SPATIAL RELATIONSHIPS AND ADJACENCIES

## ACADEMIC WING | TEACHER COLLABORATION ROOM



-  **MAIN ENTRY**
-  **EYE LEVEL TRANSPARENCY**
-  **DIRECT ACCESS**

## TEACHER COLLABORATION

Spatial Program:

(7) at 400-450 SF each

Activities Description:

Instead of working in the traditional silos of teachers owning their classrooms and using them to do their prep, all teachers (except those who teach in labs such as science arts and CTE) will use Teacher Collaboration Workrooms with transparent views to the commons to work collegiately to unleash their students' potential. Locating them in this manner provides clear visibility on the commons. These workrooms will allow teachers to communicate easily, share resources and information regarding students, and serve as role models for their students as active collaborators. Teachers will also be able to use the breakout rooms in the commons as needed for one-on-one instruction, meetings or personal phone calls.

Adjacencies and Support Spaces:

- Collaboration Areas (Commons)
- Learning studios
- Seminar studios

Finishes and Materials:

- Floor: Rubber flooring or polished concrete flooring
- Walls: Painted gypsum board, vinyl wall covering over gypsum board or tackable surface, acoustical wall treatment, whiteboard wall treatment for interactive throw projectors approved by projector manufacturer, wall treatments to be floor to ceiling
- Ceiling: Suspended acoustical tile (ACT), painted gypsum board soffit
- Door: View panel or sidelite
- Teacher Collaboration Room to have eye to learning studios
- Roller shade with opaque screens at window

Millwork/ Fixtures:

- 36" high countertop for desktop printer with base cabinets below with solid doors and room for an undercounter refrigerator

Furnishings:

- 6-8 mobile workstations with storage below for 6-8 teachers

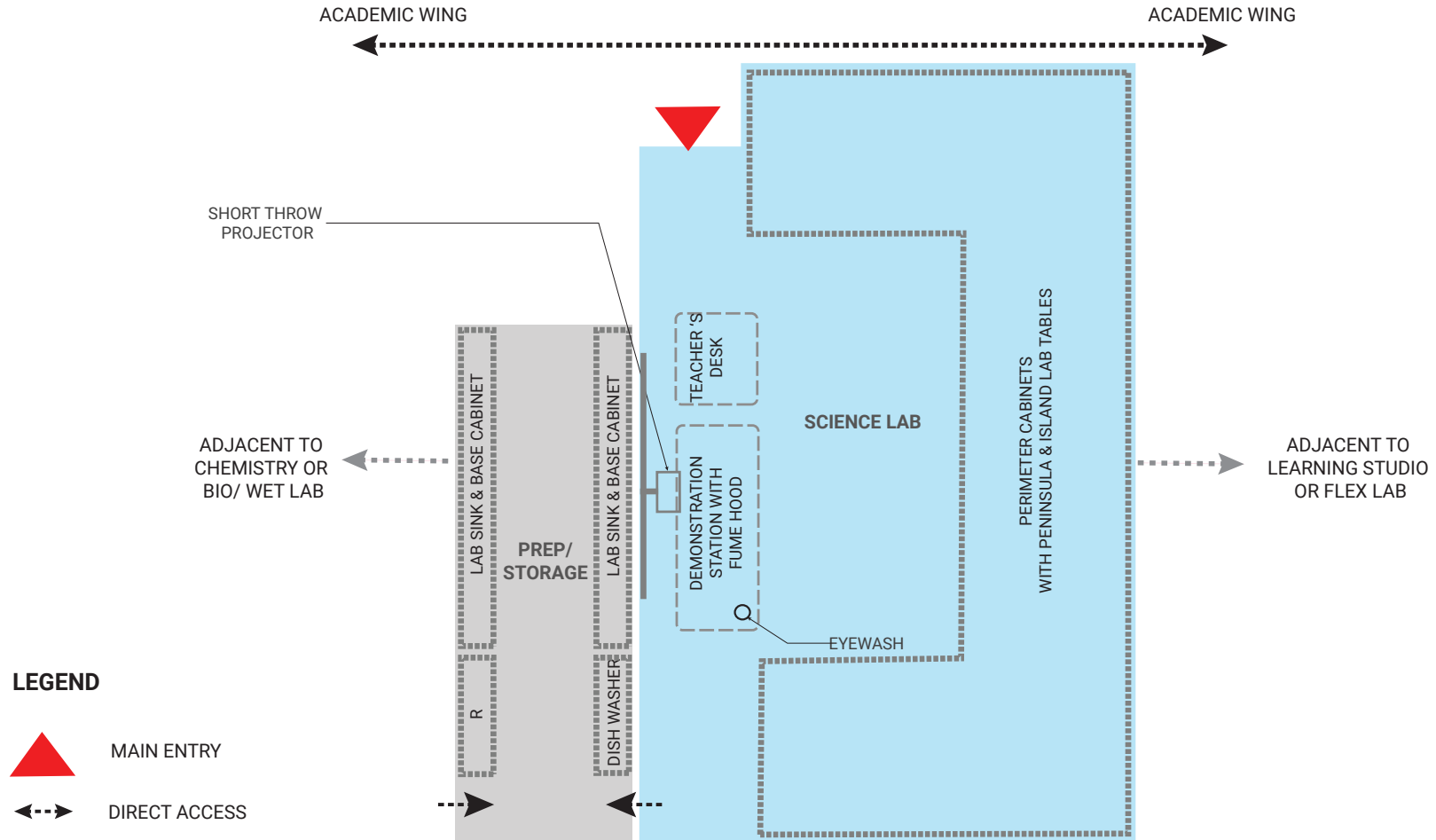
- (1) shared mobile worktable and chairs for teacher collaboration

Technology / Electrical:



- (1) color printer to be purchased by District
- (1) undercounter refrigerator
- Outlets for general room requirements and workstation use
- Power/data for printer
- Power at undercounter refrigerator
- Wireless network access
- Synchronized clock system
- Telephone
- IT - Domain names for AV

# SPATIAL RELATIONSHIPS AND ADJACENCIES

## ACADEMIC WING | SCIENCE- BASED ON CHEMISTRY & BIO / WET LAB



### LEGEND

-  MAIN ENTRY
-  DIRECT ACCESS

## INDIVIDUAL SPACE DESCRIPTION

### CHEMISTRY LABS

Spatial Program:

(4) at 1360 SF each. (2) labs share (1) support space

Activities Description:

The goal of the science program is to provide students with a variety of real-world science, engineering, and technology experiences to prepare them to succeed at college, the workforce and beyond. Learning is facilitated in labs. The curriculum is based on the California Science the Next Generation Science Standards to emphasize project-based learning through self-directed learning with independent critical thinking and large group collaboration.

Chemistry provides for the study of fundamental laws and principles of chemistry, including related laboratory experiences and application of chemistry to industry and home. This course offers opportunities for independent research and experimentation. It develops ability in laboratory techniques and stresses use of scientific methods and teaches responsibility.

Adjacencies and Support Spaces:

- Chemistry Prep/ Storage Room (support space)
- Flex Lab
- Learning Studios

Finishes and Materials:

- Floor: Rubber flooring
- Walls: Painted gypsum board, vinyl wallcovering over gypsum board or tackable surface, acoustical wall treatment, whiteboard wall treatment for interactive throw projectors approved by projector manufacturer, wall treatments to be floor to ceiling
- Ceiling: Suspended acoustical tile (ACT)
- Roller shade with visually transparent sunscreens
- View panel or sidelite at door

Millwork/ Fixtures:

- Perimeter 24" deep base cabinet with 36" A.F.F countertop with sinks and chemical resistant countertop, 12-15" wide drawers, lockable cabinet doors, and adjustable shelves. Provide cut sheets of sinks for District review

- Upper cabinets storage above countertops with glass door (lockable with one master key)
- Peninsula and island fixed lab tables 36" A.F.F with chemical resistant tops and drawers below for 4-5 students. District to provide chemical list to determine thickness and grade of phenolic resin material
- 5% of lab tables to meet ADA code
- Wall mounted drying racks at sinks for student use
- Teacher's demonstration island with sink (with eye wash station over it), drawers and cabinet doors below for AV equipment
- Eye wash at teacher's demonstration station sink
- Gas at fume hood and gas at teacher's demonstration station.
- (2) gas turrets at each fixed lab table
- Safety shower with floor drain
- (1) fume hood at teacher's demonstration station

Furnishings:

- Teacher's desk with no outlets attached to desk (in addition to demonstration table)
- Stools with backs to use at 36" work surface
- Table top dividers for test

Technology / Electrical:

- 2 interactive short throw projectors (Zoom infrastructure)
- Sound enhancement equipment and ceiling mounted speakers
- Document camera
- Outlets for general room requirements and teacher's desk use
- Power will be placed below the apron of the perimeter counter
- Power at teacher's demonstration desk
- Wireless network access
- Telephone
- Synchronized clock system
- IT - Domain names for AV

### CHEMISTRY PREP / STORAGE

Spatial program:

(2) at 320 SF each.

#### Activities description:

Teacher preparation area and storage area for materials related to chemistry lab and lecture activities

#### Adjacencies and Support Spaces:

- Chemistry Labs

#### Finishes and Materials:

- Floor: Rubber flooring
- Walls: Painted gypsum board, vinyl wall covering over gypsum board or tackable surface, acoustical wall treatment, whiteboard wall treatment for interactive throw projectors approved by projector manufacturer, wall treatments to be floor to ceiling
- Ceiling: Suspended acoustical tile (ACT)
- Door: View panel or sidelite

#### Millwork/ Fixtures:

- 6' high metal vented cabinet for flammable materials
- Upper cabinets 14"-15" deep. No upper cabinets in front of sinks.
- Perimeter 24" deep base cabinet with 36" A.F.F countertop and sink. Provide cut sheets of sinks for District review
- Science lab dish washer. Provide cut sheets for District review
- Wall mounted drying rack appropriately spaced for drying equipment.

#### Furnishings:

- Carts per floor plan
- (2) stools to work with 36" A.F.F countertop.
- Each teacher needs (3) 5 drawer vertical file cabinets
- Chemical waste storage bin

#### Technology / Electrical:

- Outlets for general room requirements
- Printer to be purchased by District

### BIOLOGY / WET LABS

#### Spatial Program:

(4) at 1160 SF each. (2) labs share (1) support space

#### Activities Description:

The goal of the science program is to provide students with a variety of real world science, engineering, and technology experiences to prepare them to succeed at college, the workforce and beyond. Learning is facilitated in labs. The curriculum is based on the California Science the Next Generation Science Standards to emphasize project-based

learning through self-directed learning with independent critical thinking and large group collaboration. Biology activities include classroom instruction, laboratory investigations, individual and small-group projects, and observation of organisms, utilization of technology and probe ware.

#### Adjacencies and Support Spaces:

- Biology Prep/ Storage Room (support space)
- Learning Studios

#### Finishes and Materials:

- Floor: Rubber flooring
- Walls: Painted gypsum board, vinyl wall covering over gypsum board or tackable surface, acoustical wall treatment, whiteboard wall treatment for interactive throw projectors approved by projector manufacturer, wall treatments to be floor to ceiling
- Ceiling: Suspended acoustical tile (ACT)
- Door: View panel or sidelite
- Roller shade with visually transparent sunscreens

#### Millwork/ Fixtures:

- Perimeter 24" deep base cabinet with 36" A.F.F countertop with sinks and chemical resistant countertop, 12-15" wide drawers, lockable cabinet doors, and adjustable shelves. Provide cut sheets of sinks for District review
- 5% of base cabinet and sink to meet ADA code
- Upper cabinets storage above countertops with glass door (lockable with one master key)
- Teacher's demonstration island with sink, drawers and cabinet doors below for AV equipment storage

#### Furnishings:

- Teacher's desk with no outlets attached to desk (in addition to demonstration table)
- Mobile lab tables 36" A.F.F with locking casters and chemical resistant top to act as peninsulas at perimeter cabinets

- 5% of lab tables to be height adjustable to meet ADA code

#### Technology / Electrical:

- Mobile interactive flat screen
- 2 interactive short throw projectors (Zoom infrastructure)
- Sound enhancement equipment and ceiling mounted speakers
- Document camera
- Outlets for general room requirements and teacher's desk use
- Combination of acoustical ceiling tiles and painted gypsum
- Flexible power availability for multiple configurations of the student desks
- Wireless network access
- Synchronized clock system
- IT - Domain names for AV

### BIOLOGY PREP / STORAGE

#### Spatial Program:

(2) at 320 SF each.

#### Activities Description:

Instructor preparation area and storage area for materials related to chemistry or bio lab and lecture activities

#### Adjacencies and Support Spaces:

- Biology Labs

#### Finishes and Materials:

- Floor: Rubber flooring
- Walls: Painted gypsum board, vinyl wall covering over gypsum board or tackable surface, acoustical wall treatment, whiteboard wall treatment for interactive throw projectors approved by projector manufacturer, wall treatments to be floor to ceiling
- Ceiling: Suspended acoustical tile (ACT)
- Door: View panel or sidelite

#### Millwork/ Fixtures:

- 6' high metal vented cabinet for flammable materials
- Upper cabinets to be 14"-15" deep. No upper cabinets in front of sinks

- Counters to be 24" deep base cabinet with 36" A.F.F countertop
- Science lab dish washer. Provide cut sheets for district approval
- Wall mounted drying racks appropriately spaced for drying equipment
- Full size refrigerator

#### Furnishings:

- Carts per floor plan
- (2) stools to work with 36" A.F.F countertop.
- Each teacher needs (3) 5 drawer vertical file cabinets
- Chemical waste storage bin

#### Technology / Electrical:

- Outlets for general room requirements and workstation use
- Printer

### FLEX LAB / PHYSICS

#### Spatial program:

(4) at 960 SF each.

#### Activities description:

The goal of the science program is to provide students with a variety of real-world science, engineering, and technology experiences to prepare them to succeed at college, the workforce and beyond. Learning is facilitated in labs. The curriculum is based on the California Science the Next Generation Science Standards to emphasize project-based learning through self-directed learning with independent critical thinking and large group collaboration.

Physics provides for study of fundamental laws and principles of physics, including related laboratory experiences and application of physics to industry and home. This course offers opportunities for independent research and experimentation, develops ability in laboratory techniques, stresses use of scientific methods and teaches responsibility.

#### Adjacencies and Support Spaces:

- Biology / Wet labs
- Chemistry labs
- Learning studios

#### Finishes and Materials:

- Floor: Rubber flooring
- Walls: Painted gypsum board, vinyl wall covering over gypsum board or tackable surface, acoustical wall treatment, whiteboard wall treatment for interactive throw projectors approved by projector manufacturer, wall treatments to be floor to ceiling
- Ceiling: Suspended acoustical tile (ACT)
- Door: View panel or sidelite
- Roller shade with visually transparent sunscreens

#### Millwork/ Fixtures:

- Perimeter 24" deep base cabinet with 34" A.F.F countertop with sinks and chemical resistant countertop, 12-15" wide drawers, lockable cabinet doors, and adjustable shelves. Provide cut sheets of sinks for District review
- 5% of sinks to meet ADA code
- Upper cabinets storage above countertops with glass door (lockable with one master key)

#### Furnishings:

- Teacher's desk with no outlets attached to desk
- Single lightweight student flip top desks and lightweight stools for seated height to easily open the entire floor area for experiments
- 5% of desks to be height adjustable to meet ADA code
- Mobile AV rack

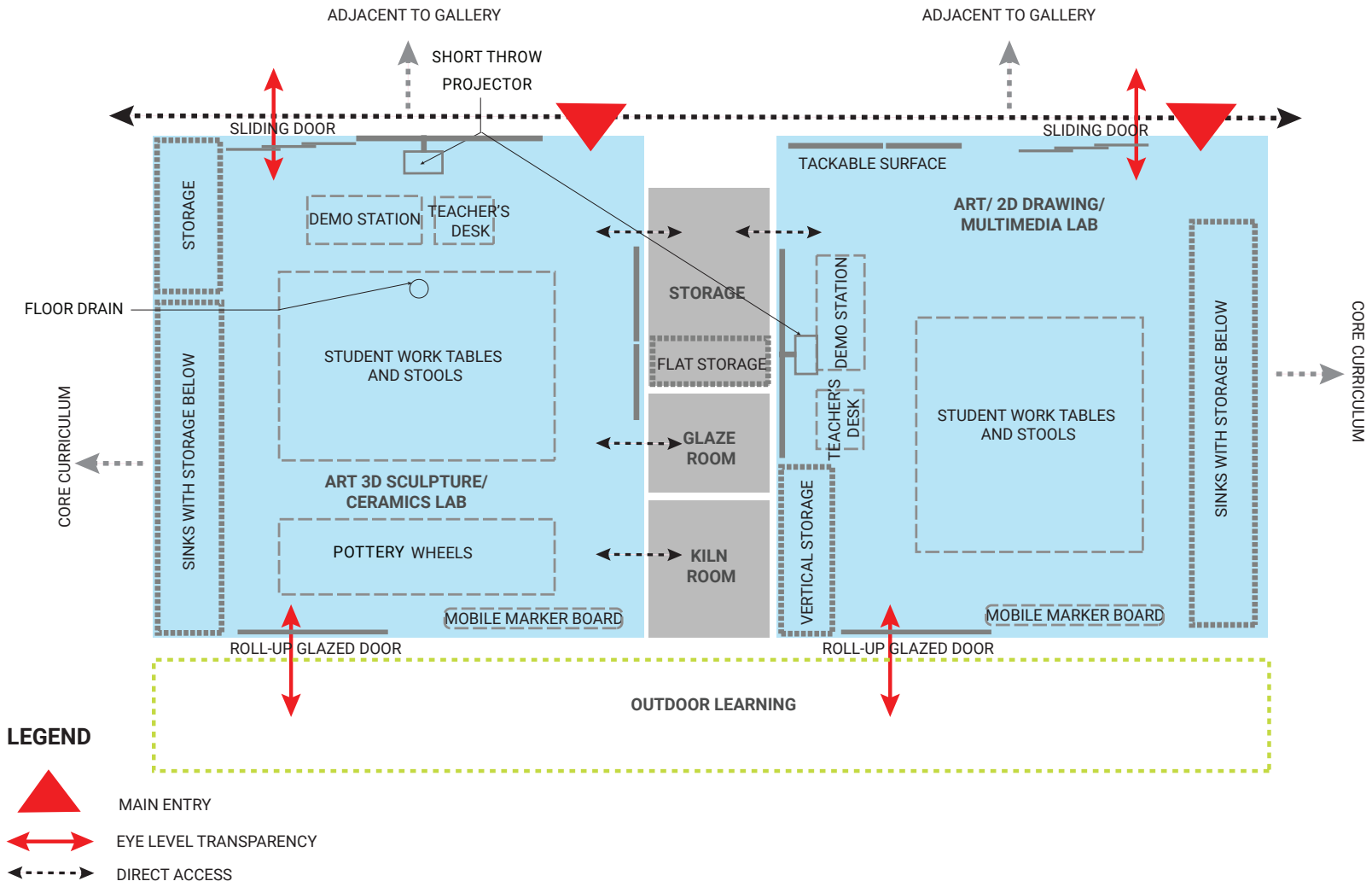
#### Technology / Electrical:

- Interactive short throw projector (Zoom infrastructure)
- Sound enhancement equipment and ceiling mounted speakers
- Document camera
- Outlets for general room requirements and student desk use
- Power will be placed below the apron of the perimeter counter
- Flexible power availability for multiple configurations of the student desks
- Wireless network access
- Telephone
- Synchronized clock system
- IT - Domain names for AV



# SPATIAL RELATIONSHIPS AND ADJACENCIES

## ACADEMIC WING | VISUAL ARTS



## INDIVIDUAL SPACE DESCRIPTION

### ART/ 2D DRAWING / PAINT / MULTIMEDIA LAB

Spatial Program:

(1) at 1100 SF

Activities Description:

2D Art teaches the principles of composition and elements of design, through drawing, painting, printmaking, and design techniques. Students will acquire a variety of skills/techniques and knowledge in a variety of media and disciplines: painting, watercolor, tempera, drawing, charcoal, pencils, pen/ink and printmaking.

The 2D Art Studio serves as an explorative space intended for individual, small and large group art instruction and lecture via demonstration of studio projects utilizing a large variety of 2D and 3D materials. Consideration should be given towards both instruction and display, as well as connectivity to adjacent art studio spaces.

Adjacencies and Support Spaces:

- Art 3D Sculpture / Ceramics Lab
- Art/ 2D Drawing/ Paint/ Multimedia Lab shares one 2D/ 3D Art Storage (support space) with Art 3D/ Sculpture/ Ceramics Lab
- Gallery
- Media Center
- Learning Studios
- Direct access to Outdoor Learning

Finishes and Materials:

- Floor: Polished concrete flooring
- Walls: Painted gypsum board, vinyl wall covering over gypsum board or tackable surface, acoustical wall treatment, whiteboard wall treatment for interactive throw projectors approved by projector manufacturer, wall treatments to be floor to ceiling
- Ceiling: Suspended acoustical tile (ACT), painted gypsum board soffit
- Door: View panel or sidelite
- Roller shade with visually transparent sunscreens

Millwork/ Fixtures:

- Shelving and drying rack above sink
- 36" high countertops and base cabinets (5% of cabinets to meet ADA code)
- (3) heavy duty industrial sinks with storage cabinets underneath

Furnishings:

- 24"x 36" Flat storage (100-150 drawers) in storage room
- Vertical mat board and poster storage
- Teacher's desk with no outlets attached to desk
- Task chair to use at teacher's desk
- Demonstration table at teacher's desk
- Student worktables
- Stools with backs to use at worktables
- Mobile Markerboard
- Mobile AV rack

Technology / Electrical:

- Interactive short throw projector (Zoom infrastructure)
- Sound enhancement equipment and ceiling mounted speakers
- Document camera
- Track lighting at center of the lab for lighting "still life" displays and along perimeter walls where tackable surface is for display
- Outlets for general room requirements and workstation use
- Cord reels from ceiling for power for flexibility
- Wireless network access
- Telephone
- Synchronized clock system

### ART 3D SCULPTURE / CERAMICS LAB

Spatial Program:

(1) at 1200 SF

Activities Description:

3-Dimensional Art includes the study of basic elements and principles of design as students create assignments in clay. Students will work with clay in both hand building and potter's wheel techniques.

The 3D Art Studio provides space for individual, small and large group art instruction and exploration to include various ceramics, sculpture, hand building and wheel throwing, glazing and firing demonstrations, clay processing, lectures, text studies, design, and testing.

#### Adjacencies and Support Spaces:

- Art/ 2D Drawing/ Paint/ Multimedia Lab
- Art 3D/ Sculpture/ Ceramics Lab shares one 2D/ 3D Art Storage (support space) with Art/ 2D Drawing/ Paint/ Multimedia Lab
- Glaze Room (support space)
- Kiln Room (support space)
- Gallery
- Media Center
- Learning Studios
- Direct access to Outdoor Learning

#### Finishes and Materials:

- Floor: Polished concrete flooring
- Walls: Painted gypsum board, vinyl wall covering over gypsum board or tackable surface, acoustical wall treatment, whiteboard wall treatment for interactive throw projectors approved by projector manufacturer, wall treatments to be floor to ceiling
- Ceiling: Exposed structure with acoustical board attached to underside of deck painted gypsum board soffit
- Uni-strut grid hung from ceiling for flexibility
- Door: View panel or sidelite
- Roller shade with visually transparent sunscreens

#### Millwork/ Fixtures:

- Wire shelving racks to hold buckets of glaze for dipping in Glaze Room
- Wire shelving to store glazes in Glaze Room
- Standing height counter tops and base cabinets (easily washable)
- Tall adjustable open shelving 14"d x 36"w x 10"h (3 projects per shelf)
- Small drawers for small projects
- 3 heavy duty industrial sink with storage cabinets below
- Clay trap for wash sinks
- Adjustable shelves near sink area

- One floor drain for hosing wet ceramic off the concrete floor

#### Furnishings:

- Teacher's desk with no outlets attached to desk
- Task chair to use at teacher's desk
- Mobile demonstration table at teacher's desk
- Student worktables (easily washable, 5% to meet ADA code)
- Stools with backs to use at worktables
- (12) potter wheels
- (2) Rolling carts
- (1) slap roller
- (2) wedging boards
- Mobile Markerboard
- Mobile AV rack

#### Technology / Electrical:

- (2) electric kilns at Kiln Room
- Interactive short throw projector (Zoom infrastructure)
- Sound enhancement equipment and ceiling mounted speakers
- Outlets for general room requirements
- Outlets at perimeter, potter wheel area (220v)
- Electrical outlets(220v) at kiln room
- Cord reels from ceiling for power for flexibility
- Wireless network access
- Telephone
- Synchronized clock system
- IT - Domain names for AV

## GALLERY

Spatial Program:

(1) at 480 SF

Activities Description:

Flexible space for showcasing student work from visual arts classes.

Adjacencies and Support Spaces:

- Art/ 2D Drawing/ Paint/ Multimedia Lab
- Art 3D/ Sculpture/ Ceramics Lab
- Media Center

Finishes and Materials:

- Floor: Polished concrete flooring, rubber flooring
- Walls: Painted gypsum board, vinyl wall covering over gypsum board or tackable surface for displaying 2D art, acoustical wall treatment, wall treatments to be floor to ceiling
- Ceiling: Suspended acoustical tile (ACT), suspended wood look panels, painted gypsum board soffit

Millwork/ Fixtures:

- N/A

Furnishings:

- Free standing movable display cases for artwork, lockable. Display cases can be integrated with furniture

Technology / Electrical:

- Outlets for general room requirements
- Wireless network access