



Mt. Diablo Unified School District | Facilities Master Plan

PROGRAM VISION MIDDLE SCHOOLS A PLACE OF ENGAGEMENT AND COLLABORATIVE COMMUNITY



Mt. Diablo Unified School District Facilities Master Plan

Development of the Educational Specifications began with the MDUSD Graduate Profile developed by the district and approved by the Board in 2014. The Educational Visioning Workshop described on the following pages took a deeper dive into these competencies, investigating their relation to physical spaces.



The Mt. Diablo Unified School District Graduate is a(n):

Effective Communicator: Is proficient in writing, speaking and listening adapted to audience, task, purpose and discipline.



Community Contributor: Uses acquired cultural awareness and sensitivity to work in teams to share ideas and responsibilities, solve problems, and achieve shared goals.



Complex Thinker: Thinks critically and creatively by identifying problems, assessing evidence and solutions and draws on multiple perspectives when approaching complex issues and adapting to challenges. Applies knowledge and skills while investigating, interpreting and analyzing information in order to develop and implement creative solutions to complex problems.



Effective & Ethical User of Technology: Ethically and thoughtfully employs a variety of digital media and technology to communicate, analyze and organize information, and create products and solutions.



Self-Directed Learner: Independently seeks and uses resources including teachers, peers, print and digital references with perseverance and endurance to engage in new learning toward academic, professional and personal goals.



Global Citizen and Responsible Worker: Demonstrates integrity, adaptability, and ethical behaviors by acting responsibly and working effectively in an ever-changing society.



Health & Wellness Advocate: Demonstrates a commitment to physical and mental well-being of self and others to make positive and healthy choices.



Mt. Diablo Unified School District Facilities Master Plan

agenda

Teachers, Principals, Counselors, and other members of district leadership came together on September 25, 2018 to envision the future of learning spaces within Mt Diablo Unified School District. Over the course of a day, participants explored the following topics:

- **What is the wind in your sails?** Understand the purpose of the workshop within the context of the Facilities Master Plan;
- **Part I - Preparing for the journey.** Understand how space helps or hinders the aims of the MDUSD graduate profile;
- **Part II - Sights [and connections] along the way.** Identify the ideal ecosystem of the campus (adjacencies, opportunities, missing components, etc); and
- **Part III - Our Destination: the experience of core learning spaces.** Identify space implications and design features by brainstorming what the student is doing, thinking, seeing, hearing and by understanding the role of the teacher.

What is the wind in your sails? (Why do you teach/lead at MDUSD?)

MDUSD educators are drawn to their work to empower students and co-workers, to advance education as a form of equity, and to provide service to their community.

Empowerment

- All students can learn
- Each person brings a unique vision
- Focus on students
- Giving voice to students and parents
- Investment in people; providing opportunities
- Students and teachers growing and learning
- Teach students how to manage their world

Justice

- Education is the great equalizer
- Fairness in public education
- Investment in people; provide opportunities

Service

- Give back to the community that gave to me
- Product of Mt. Diablo USD
- Moved to this calling; choiceless
- Sense of pride, duty
- Joy and fun

What are you **leaving behind** that is not in support of the Graduate Profile?

MDUSD educators are leaving behind unhealthy, uninspiring, un-supportive, old-school environments.

What are you **taking with you** in support of the Graduate Profile?

MDUSD educators are moving toward a flexible, agentic learning environment that supports student choice and wellness.

- Ubiquitous and functional **technology** supports 21st Century learning needs.
- Flexible and agentic **furniture** supports innovative teaching goals and student choice.
- Dynamic **indoor spaces** support a variety of classroom grouping arrangements and attend to student wellness.
- **Outdoor spaces** support a variety of learning play needs and provide an essential connection to the natural environment.
- **Specialized spaces** support the unique needs and interests of the student.
- **Campus-wide spaces** welcome and inspire the learning community and provide healthy choices.





Mt. Diablo Unified School District Facilities Master Plan

district-wide summary

Core learning spaces are places of...

- Communication and Collaboration
- Exploring and Developing
- Experimenting and Creating
- Guiding and Facilitating
- Relating and Understanding

In an environment that offers...

- Ample Space and Movement
- Connection to Nature
- Flexibility and Variety
- Leading Edge Technology
- Safety and Wellness

With a learning experience that unfolds and develops over time...

- Elementary School as **a place of exploration and experimentation.**
- Middle School as **a place of engagement and collaborative community.**
- High School as **a place of active dialogue and deeper understanding.**
- Special Education as **a place of support and opportunity.**





Mt. Diablo Unified School District Facilities Master Plan

activities / design objectives

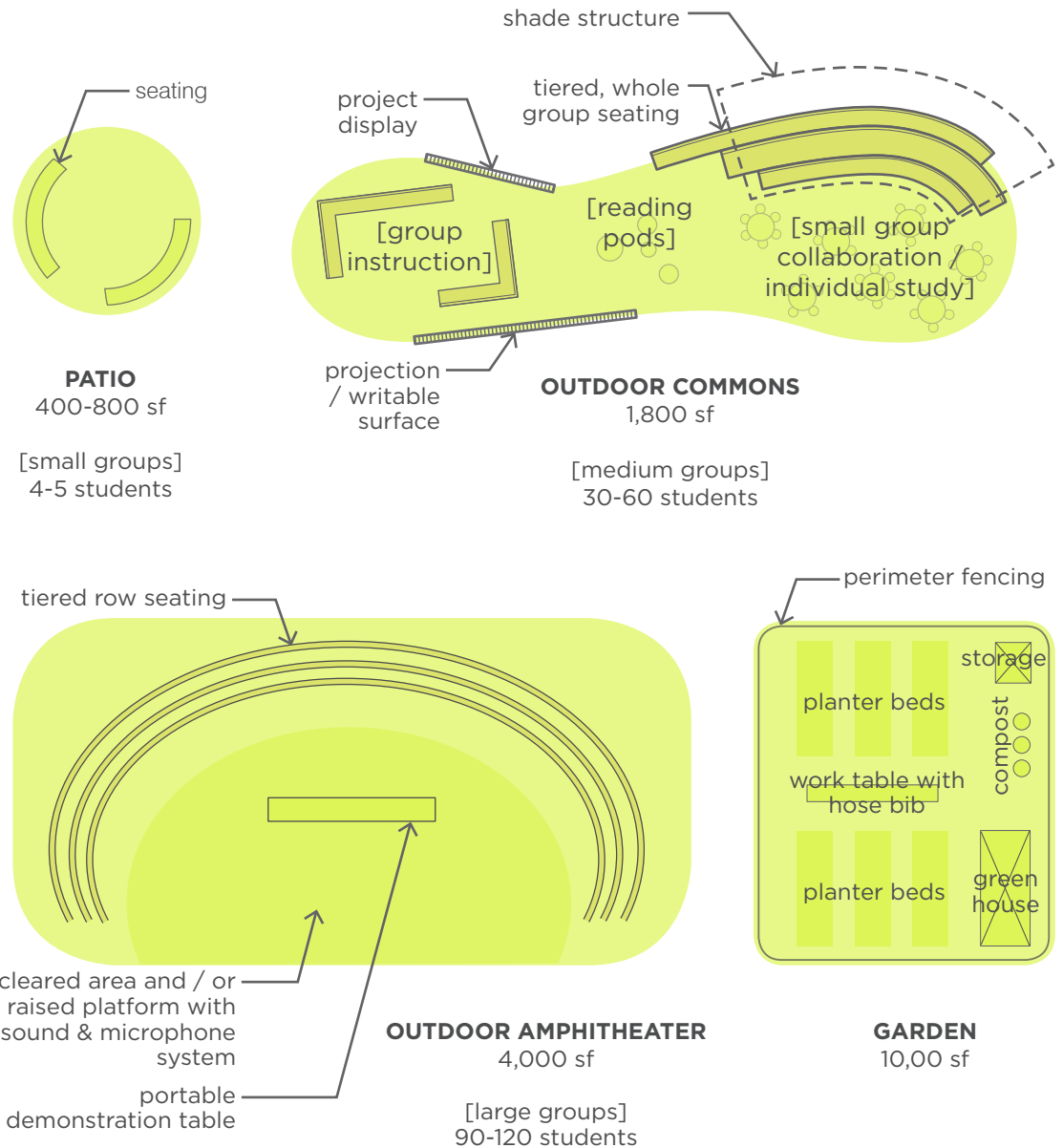
- Provide student choice in environment (seating, shaded v. sunny, independent v. small group v. large, active v. passive).
- Utilize various materials in manicured spaces.
- Promote curiosity and engagement.

SPACE DESCRIPTION

(furniture, finishes, equipment)

- Provide electrical access points to support flexibility and technology integration.
- Provide reliable wireless internet connection.
- Consider edible and drought-tolerant planting.
- Utilize furniture and surfaces that are durable and have a low heat conductivity, ensuring surfaces stay cool even when exposed to full sun.

a place of engagement and collaborative community



NOTE: The square footages above are net areas to assist in developing new or reconfiguring existing floor plan layouts. The final plan layout will include circulation factors to achieve the gross square footage. This figure will vary depending upon the layout of the building (single story or multi-story) and type of program spaces.



Mt. Diablo Unified School District Facilities Master Plan

activities / design objectives

The **student** is:

- Really engaged, moving, talking, writing; wheeling around into various groups
- Using academic language and a variety of technology
- Seeing a variety of teaching styles and starting to express preference

The **teacher** is:

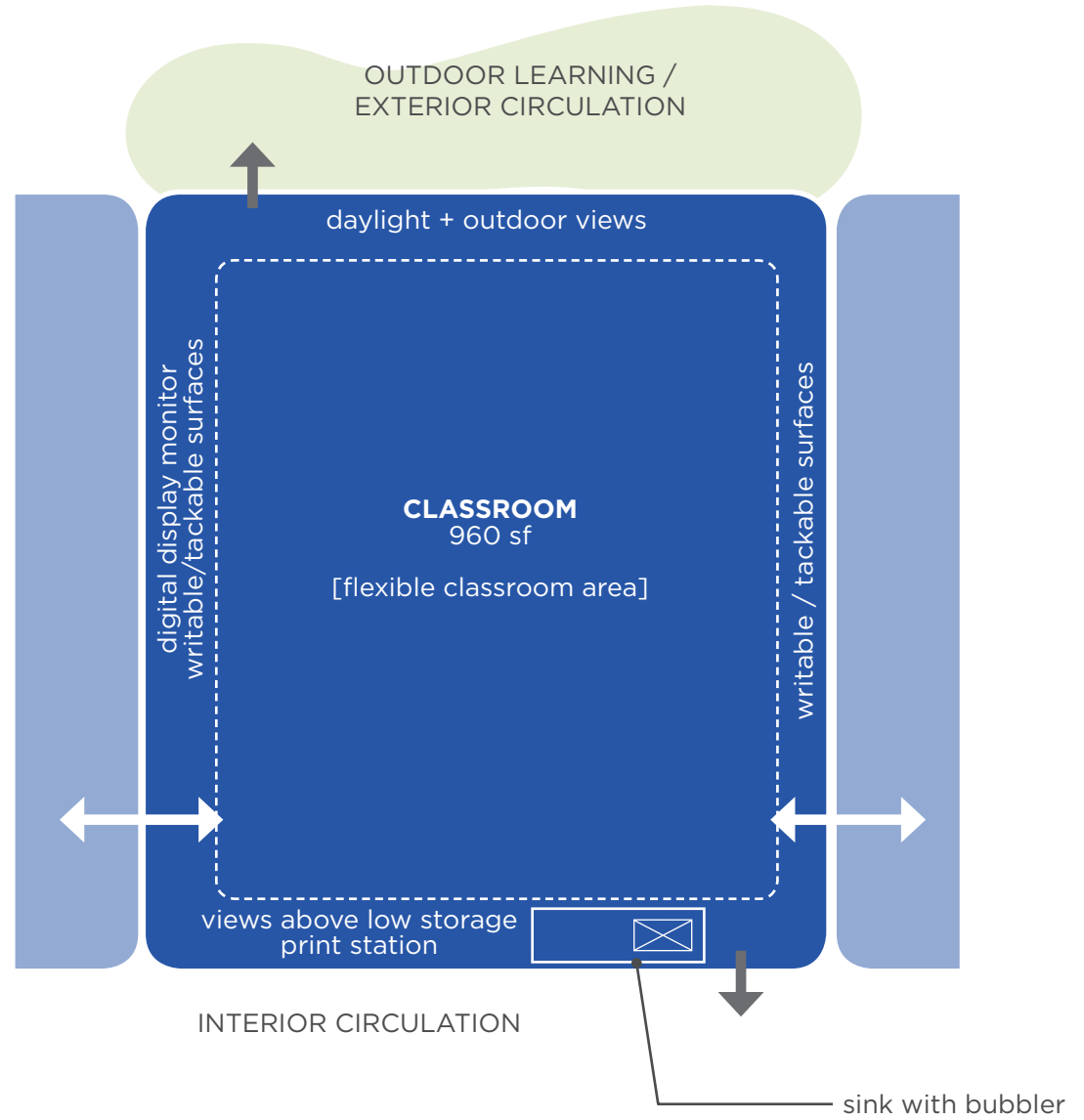
- Creating lessons with variety of outcomes to demonstrate learning
- Facilitating, guiding students
- Conversing with students in small groups
- Efficiently and quickly transitioning
- Listening

SPACE DESCRIPTION

(furniture, finishes, equipment)

- Flexible furniture can include individual, movable chairs and small group tables with locking wheels that can fold and “nest” into one another for easy storage.
- Tidy, accessible storage for teacher supplies and student supplies.
- Provide multiple electrical outlets to support flexibility and technology integration.
- Provide reliable wireless internet connection.
- Provide one digital display monitor capable of wirelessly connecting to teacher and student devices. A hard-wired connection should also be provided.
- Walls should have a mix of writable and tackable surfaces.

a place of engagement and collaborative community



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activities / design objectives

The **student** is/has:

- Flexible seating (student choice)
- Skills to manage materials for multiple subjects, teachers, classrooms
- Building strategies to manage transitions
- Using technology

The **teacher** is/has:

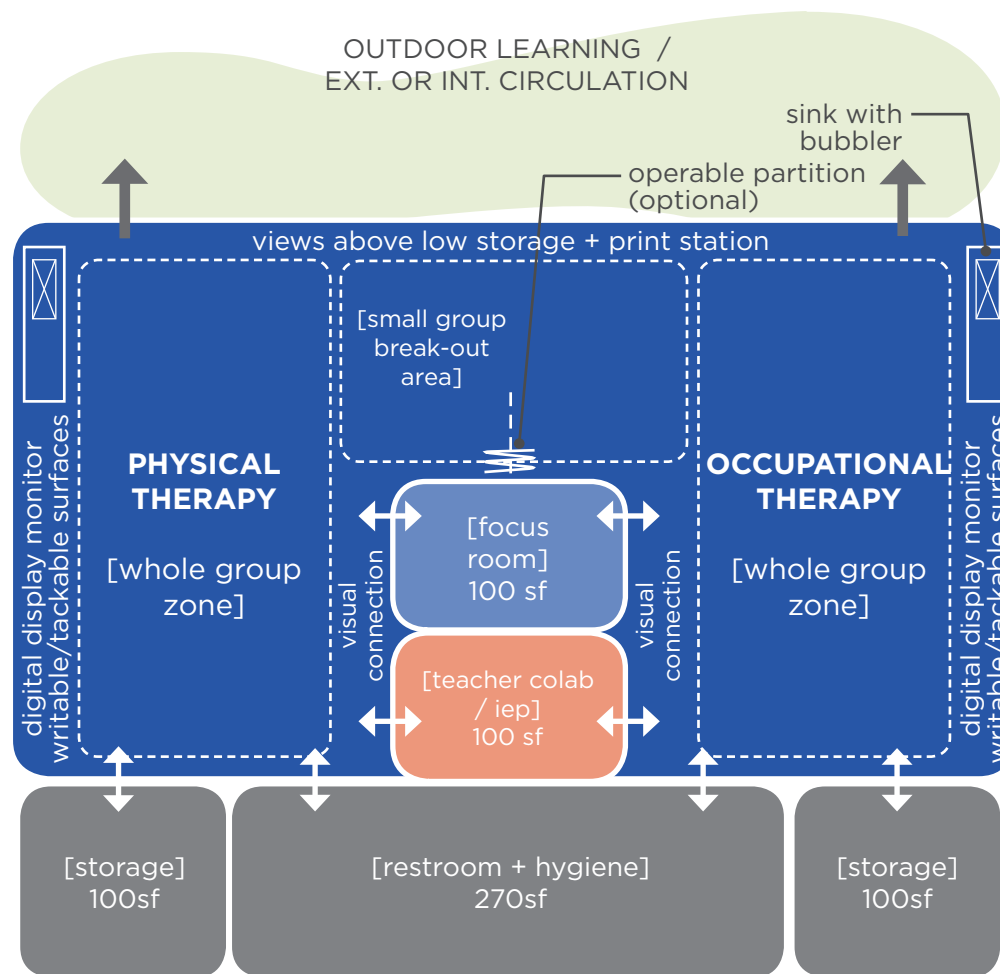
- Culturally proficient and equity-focused
- Promoting independence with community responsibility

SPACE DESCRIPTION

(furniture, finishes, equipment)

- Flexible furniture can include individual, movable chairs and small group tables with locking wheels that can fold and “nest” into one another for easy storage.
- Tidy, accessible storage for teacher supplies and student supplies.
- Select finishes that enhance the acoustical qualities of the space.
- Select lighting that is dimmable/adjustable and limits glare and sensitivities.
- Provide multiple electrical outlets to support flexibility and technology integration.
- Provide reliable wireless internet connection.
- Provide one digital display monitor capable of wirelessly connecting to teacher and student devices. A hard-wired connection should also be provided.
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a place of support and possibility



**PHYSICAL THERAPY /
OCCUPATIONAL THERAPY
CLASSROOM**
1,920sf overall

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Mt. Diablo Unified School District Facilities Master Plan

activities / design objectives

The **student** is:

- Analyzing, using microscopes
- Applying essential skills
- Engaged in collaborative group work
- Creating, innovating
- Integrating technology with labs
- Applying environmental principals and concepts
- Experiencing lab activities that allow understanding of cross-cutting concepts

The **teacher** is:

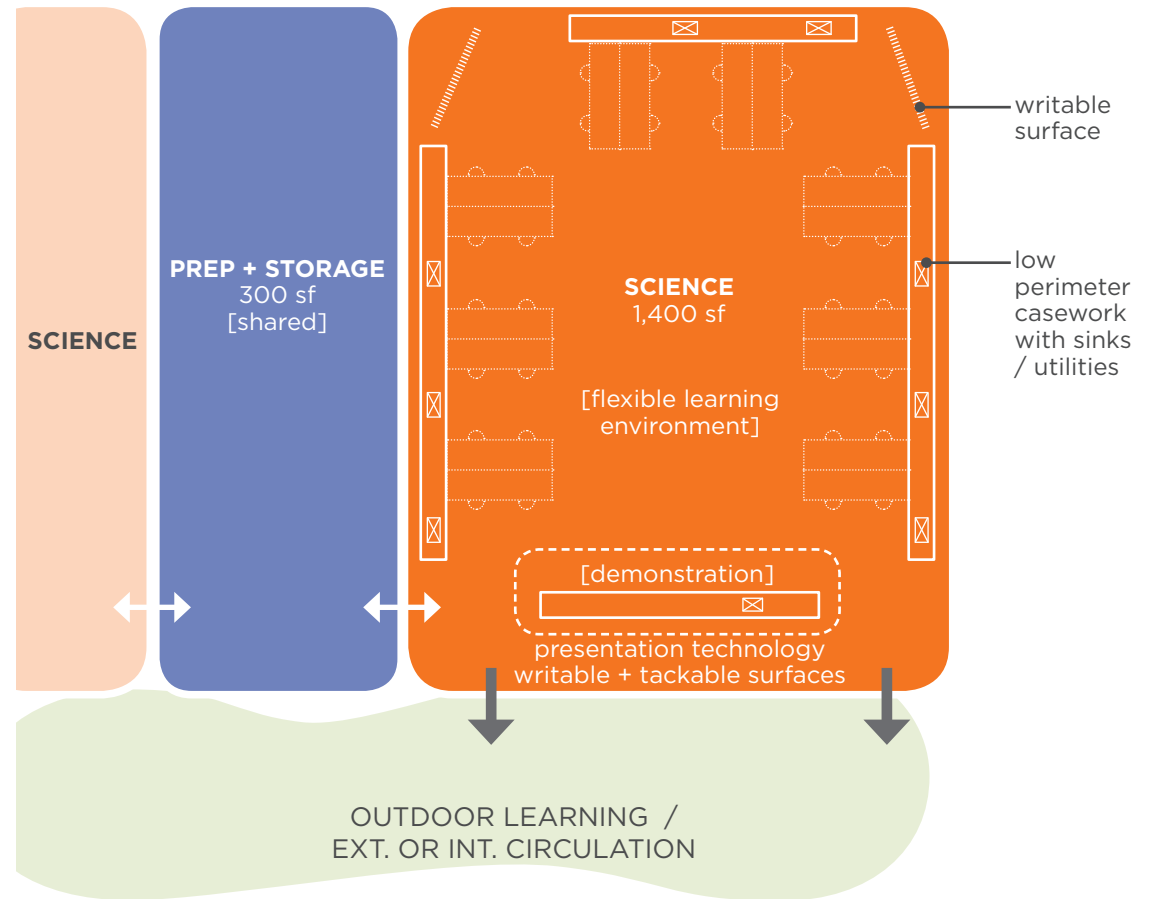
- Collaborating with colleagues
- Facilitating, circulating, monitoring
- (gives) Reduced direct instruction

SPACE DESCRIPTION

(furniture, finishes, equipment)

- Stable lab tables with chemical-resistant tops that can easily move to form lab peninsulas, or clear to provide an open floor. Provide adjustable-height stool seating.
- Tidy, accessible storage for teacher/student supplies and equipment. Prep room should have lockable chemical storage.
- Select resilient flooring that is durable and easy to clean.
- Provide multiple electrical outlets to support flexibility and technology integration. Consider outlets that drop down from the ceiling to maximize flexibility.
- Each lab station should be equipped with a computer for data collection/manipulation.
- Provide reliable wireless internet connection as well as the ability to plug into a hard-wired internet connection.
- Provide one digital display monitor capable of wirelessly connecting to teacher and student devices. A hard-wired connection should also be provided.
- Walls should have a mix of writable and tackable surfaces.

a place of engagement and collaborative community



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activities / design objectives

 The **student** is:

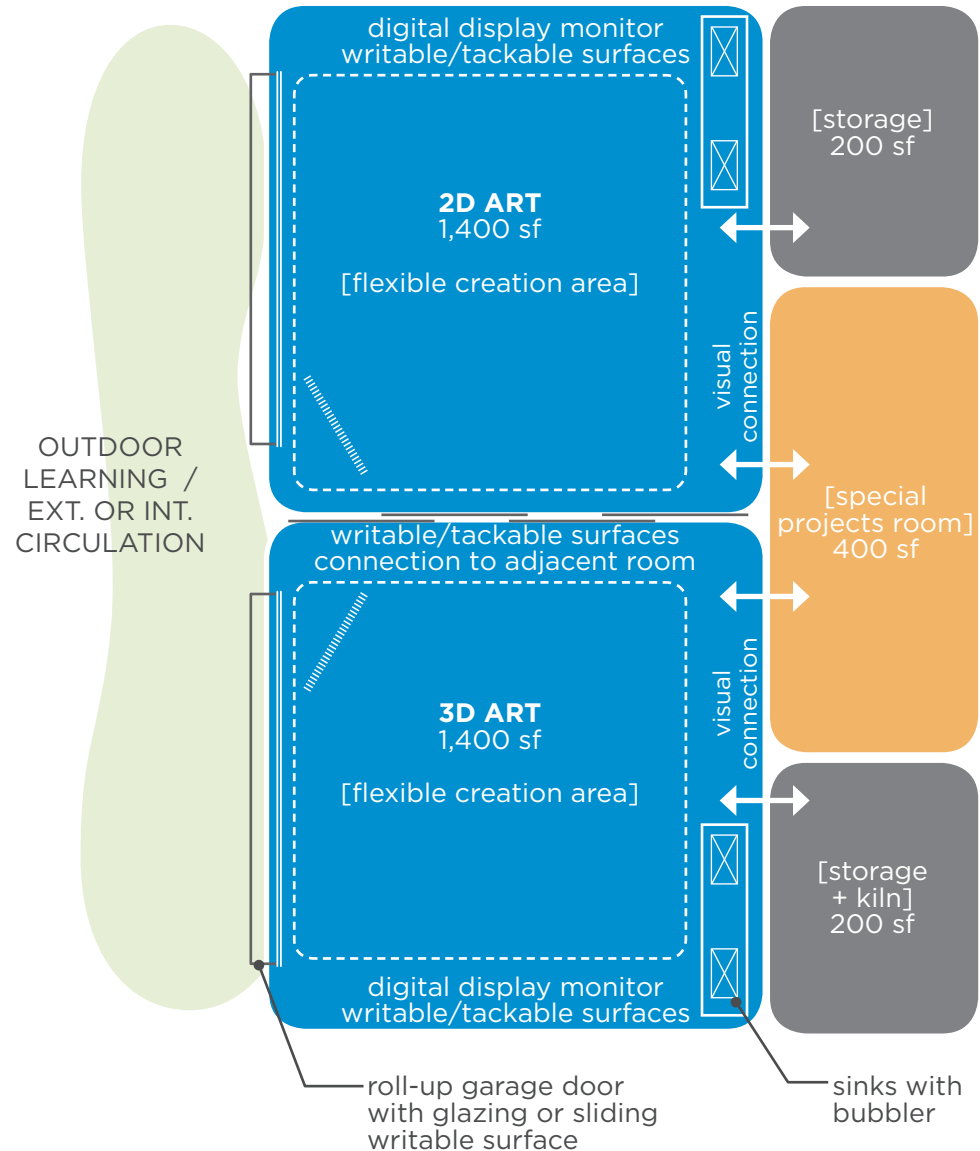
- Collaborating
- Creating
- Using mixed media including ceramics, clay, inks, paints, chalk, etc.
- Experimenting with light and shading

 The **teacher** is:

- Facilitating
- Circulating
- Coaching
- Role-modeling
- Demonstrating
- Curating

SPACE DESCRIPTION
(furniture, finishes, equipment)

- Stable and flexible furniture can include individual, movable chairs and small group tables with locking wheels that can fold and “nest” into one another for easy storage. Consider light tables.
- Tidy, accessible storage for teacher/student supplies and equipment.
- Large sink(s)
- Increased ventilation to remove odors from paint and other media.
- Provide resilient flooring that is durable and easy to clean.
- Provide similar technology integration (internet access, presentation technology, electrical outlets, etc) as a standard classroom.
- Walls should have a mix of writable and tackable surfaces.

a place of engagement and collaborative community


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Mt. Diablo Unified School District Facilities Master Plan

activities / design objectives

The **student** is:

- Collaborating with other bands, including high school
- Practicing
- Presenting
- Performing

The **teacher** is:

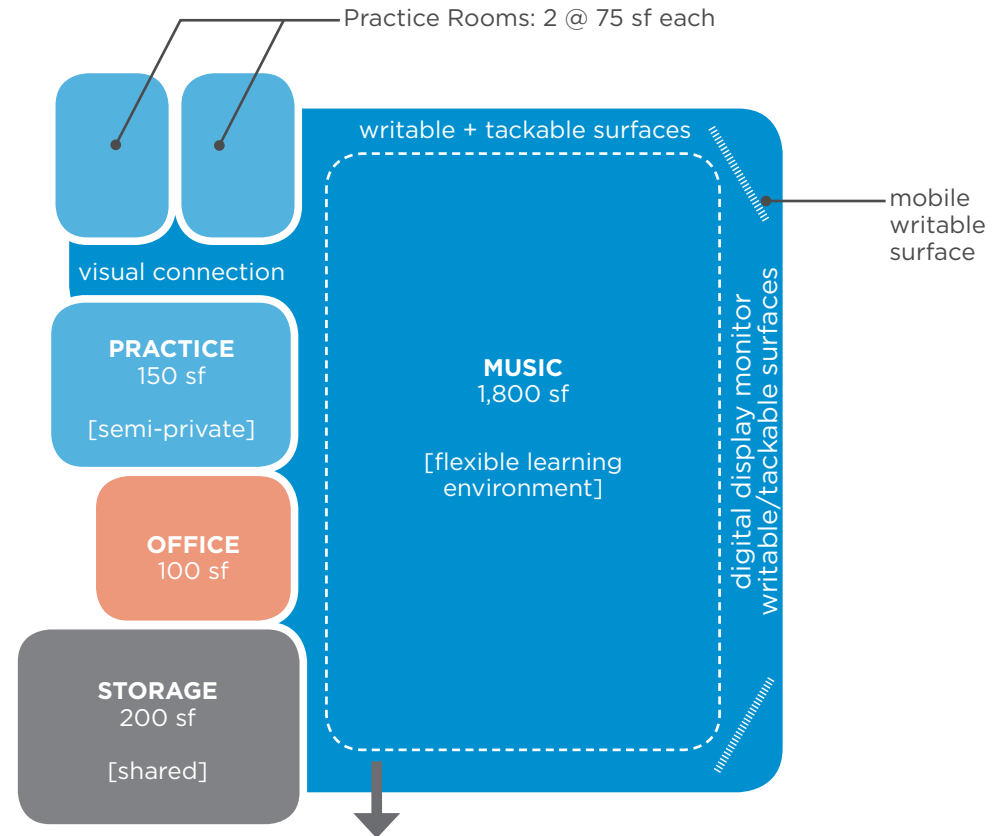
- Leading, conducting
- Recording
- Rehearsing
- Demonstrating
- Moving around the room, checking student posture, hand position, etc.

SPACE DESCRIPTION

(furniture, finishes, equipment)

- Furniture should encourage healthy posture for musicians and have the ability to be moved/stored easily. Utilize portable, retractable risers and music stands as appropriate.
- Provide lockable instrument storage of varying sizes.
- Finishes should contribute to the acoustical qualities of the space.
- Provide multiple electrical outlets to support flexibility and technology integration.
- Provide reliable wireless internet connection.
- Provide one digital display monitor capable of wirelessly connecting to teacher and student devices. A hard-wired connection should also be provided.
- Incorporate audio recording equipment with playback capabilities.
- Walls should have a mix of writable and tackable surfaces (consider the use of magnetic white-boards).

a place of engagement and collaborative community



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Mt. Diablo Unified School District Facilities Master Plan

activities / design objectives

The **student** is:

- Collaborating
- Creating
- Hands-on
- Analyzing
- Integrating technology
- Problem-based and project-based learning
- Engaging directly with ideas and content

The **teacher** is:

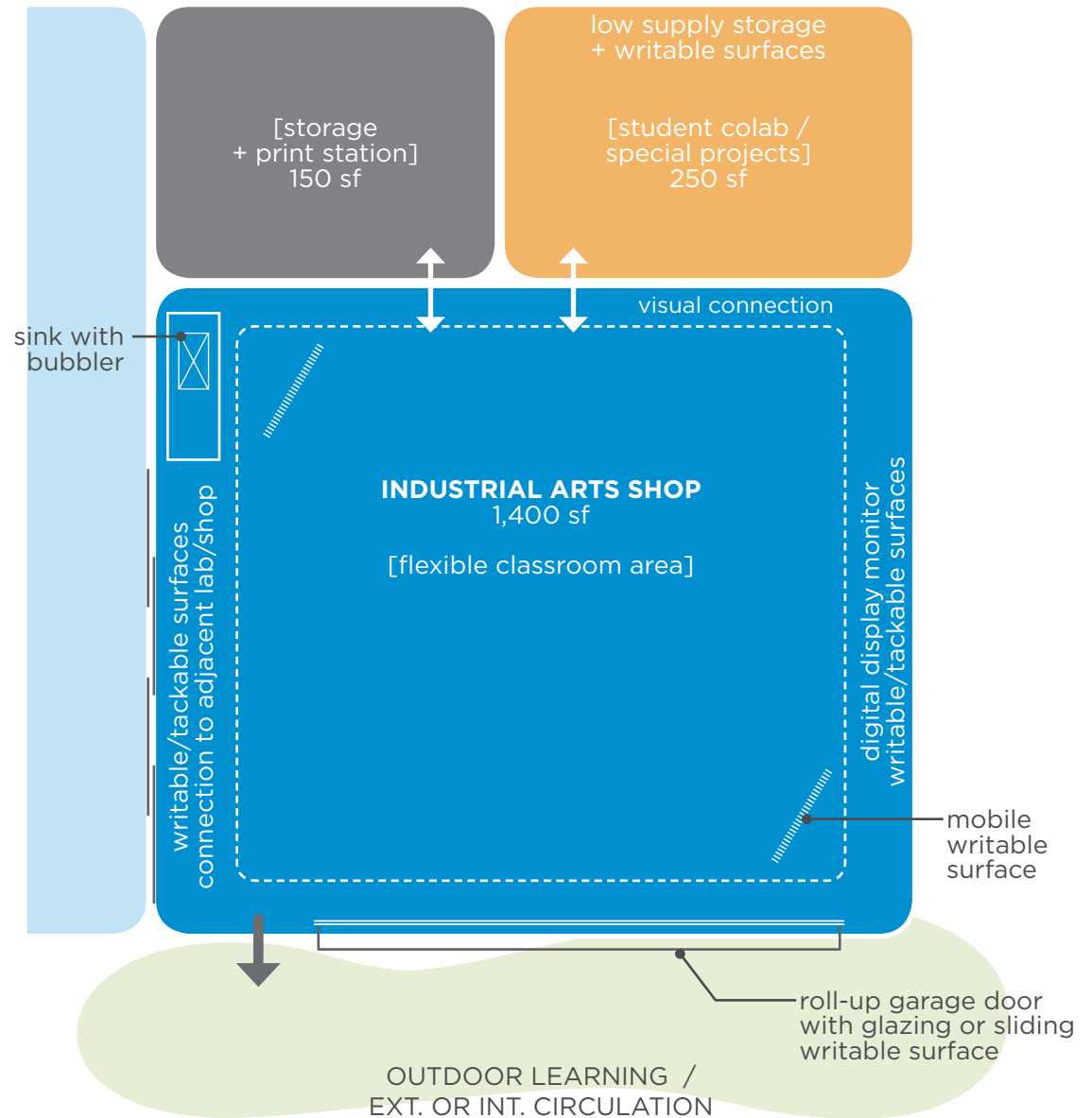
- Facilitating, supporting students in their understanding of content
- Establishing policies and procedures that support learning
- Collaborating with colleagues

SPACE DESCRIPTION

(furniture, finishes, equipment)

- Stable and flexible furniture can include individual, movable chairs and small group tables with locking wheels that can fold and “nest” into one another for easy storage.
- Tidy, accessible storage for teacher/student supplies and equipment.
- Select flooring that supports the activities of the space, is durable and easy to clean.
- Provide multiple electrical outlets to support flexibility and technology integration.
- Provide reliable wireless internet connection.
- Provide one digital display monitor capable of wirelessly connecting to teacher and student devices. A hard-wired connection should also be provided.
- Walls should have a mix of writable and tackable surfaces (consider the use of magnetic white-boards).

a place of engagement and collaborative community



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activities / design objectives

The **student** is:

- Collaborating
- Creating; hands-on
- Analyzing
- Integrating technology
- Problem-based and project-based learning
- Exploring digital arts and video production programs

The **teacher** is:

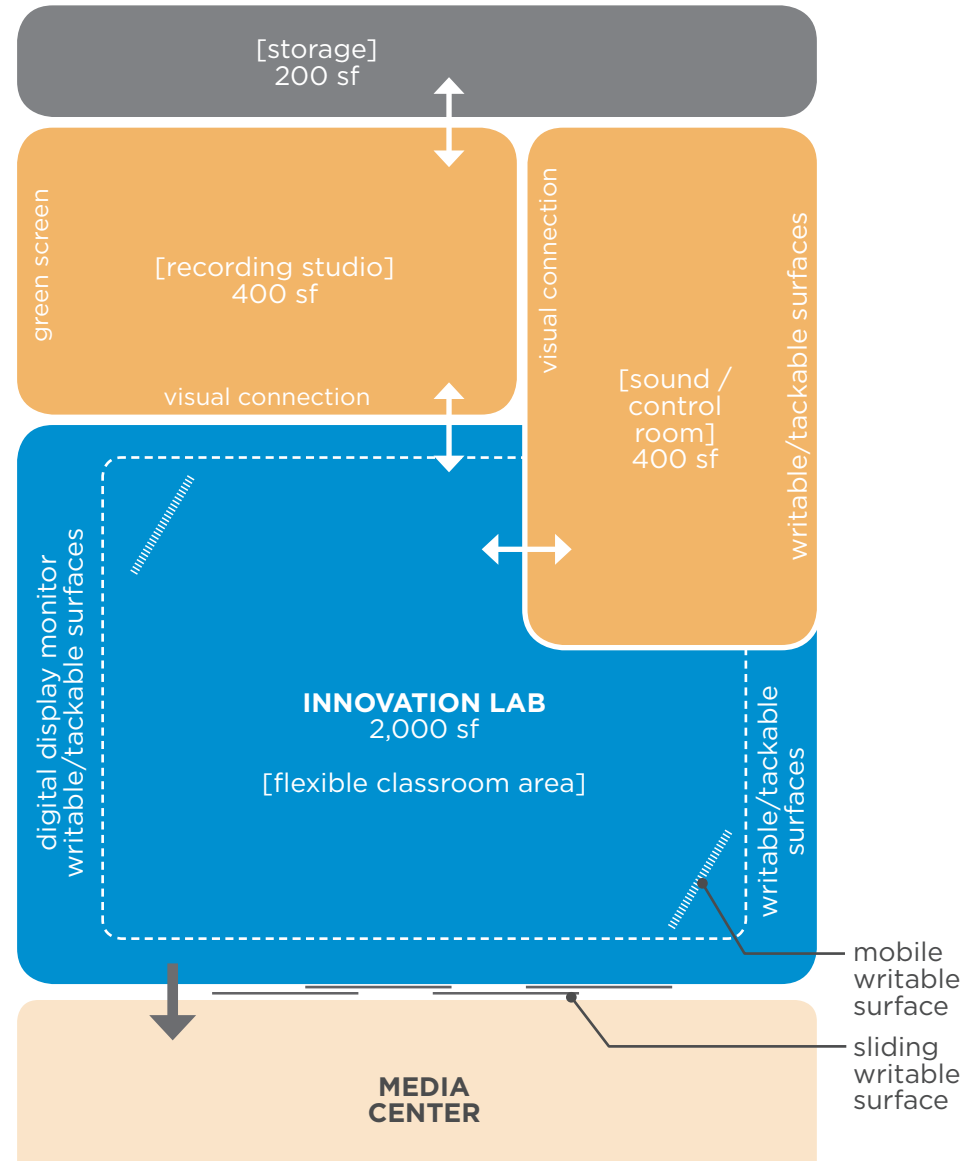
- Facilitating, supporting students in their understanding of content
- Establishing policies and procedures that support learning
- Collaborating with colleagues

SPACE DESCRIPTION

(furniture, finishes, equipment)

- Stable and flexible furniture can include individual, movable chairs and small group tables with locking wheels that can fold and “nest” into one another for easy storage.
- Select flooring that supports the activities of the space, is durable and easy to clean.
- Provide multiple electrical outlets to support flexibility and technology integration.
- Provide reliable wireless internet connection.
- Provide one digital display monitor capable of wirelessly connecting to teacher and student devices. A hard-wired connection should also be provided.
- Walls should have a mix of writable and tackable surfaces (consider the use of magnetic white-boards).

a place of engagement and collaborative community



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Mt. Diablo Unified School District Facilities Master Plan

activities / design objectives

The **student** is:

- Collaborating
- Creating
- Exploring expression of self through acting
- Rehearsing
- Improvising
- Developing technical skills

The **teacher** is:

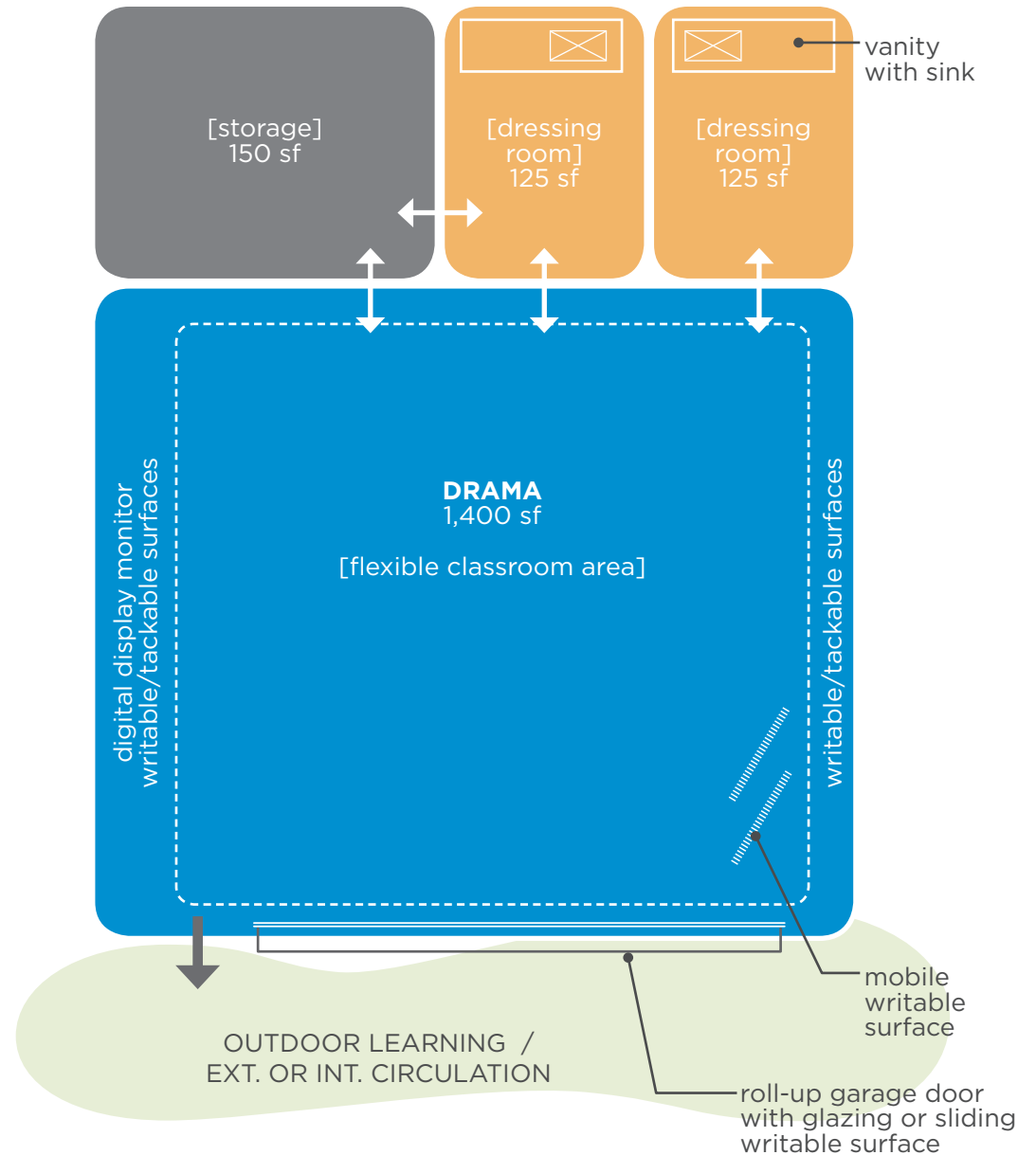
- Facilitating
- Circulating
- Coaching
- Role-modeling
- Demonstrating
- Curating

SPACE DESCRIPTION

(furniture, finishes, equipment)

- Furniture should be varied and flexible; easy to rearrange and move/store out of the way to produce a clear floor.
- Tidy, accessible storage for teacher/student supplies and equipment.
- Provide flooring that is durable and easy to clean.
- Provide similar technology integration (internet access, presentation technology, electrical outlets, etc) as a standard classroom.
- Walls should have a mix of writable and tackable surfaces.

a place of engagement and collaborative community



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activities / design objectives

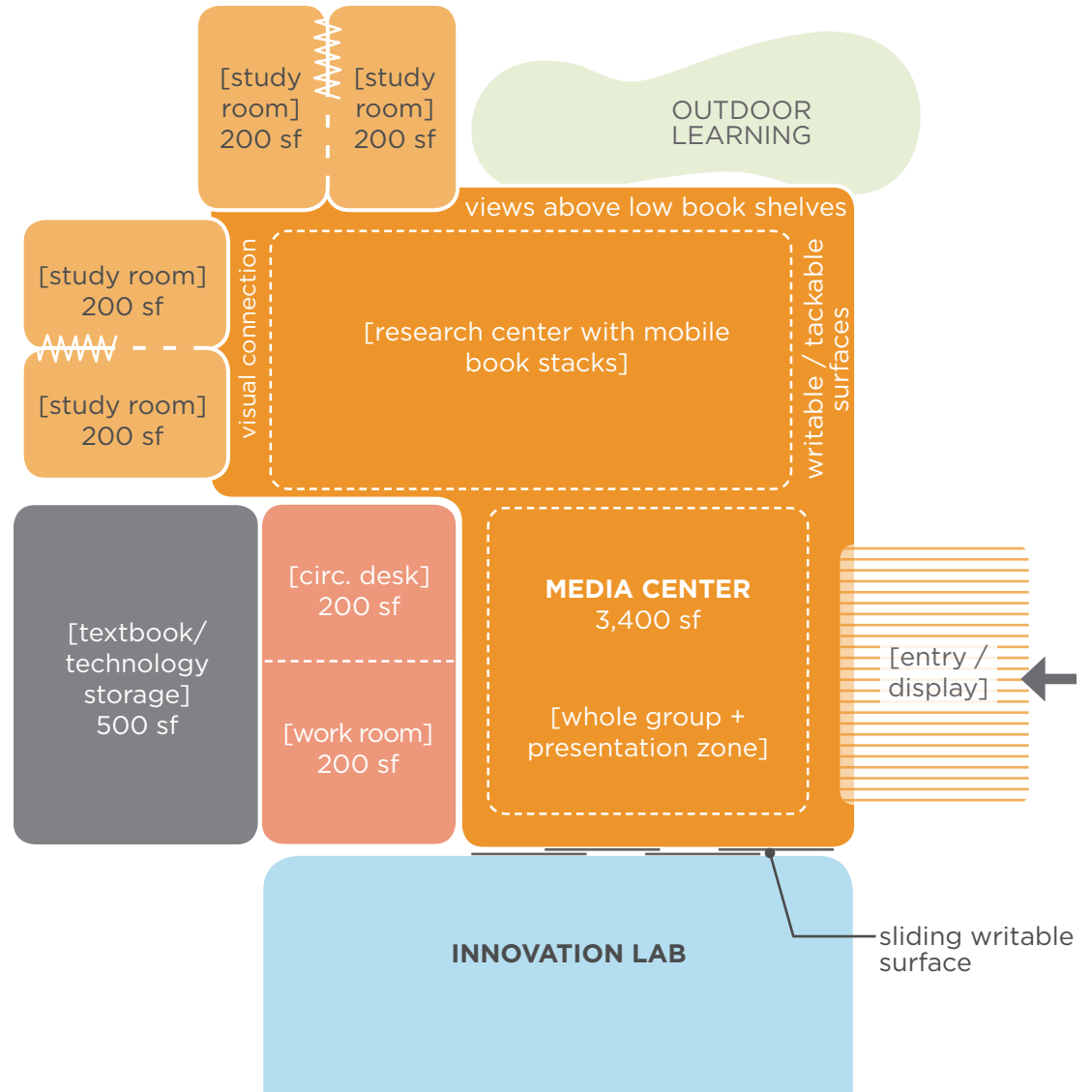
- A flexible environment that is centralized to the school campus and shared with the community after-hours.
- Create an engaging environment with book hubs and comfortable, quiet reading zones.
- Movable and reconfigurable to support group activities.
- Utilize laptops instead of desktop computers.
- Students can experience the full design process and have the ability to present-back.

(furniture, finishes, equipment)

- Flexible furniture can include individual, movable chairs and small group tables with locking wheels that can fold and “nest” into one another for easy storage.
- Consider varied furniture types, including soft seating.
- Low book stacks on locking wheels. The height of the book stacks should promote visibility/supervision and be sized appropriately for middle school students.
- Select finishes that enhance the acoustical qualities of the space.
- Provide carpet flooring that is durable and easy to clean.
- Provide multiple electrical outlets to support flexibility and technology integration.
- Provide reliable wireless internet connection.
- Provide at least one digital display monitor capable of wirelessly connecting to teacher and student devices. A hard-wired connection should also be provided.
- Promote the curation of student work by providing a mix of writable and tackable surfaces.

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a place of engagement and collaborative community





Mt. Diablo Unified School District Facilities Master Plan

activities / design objectives

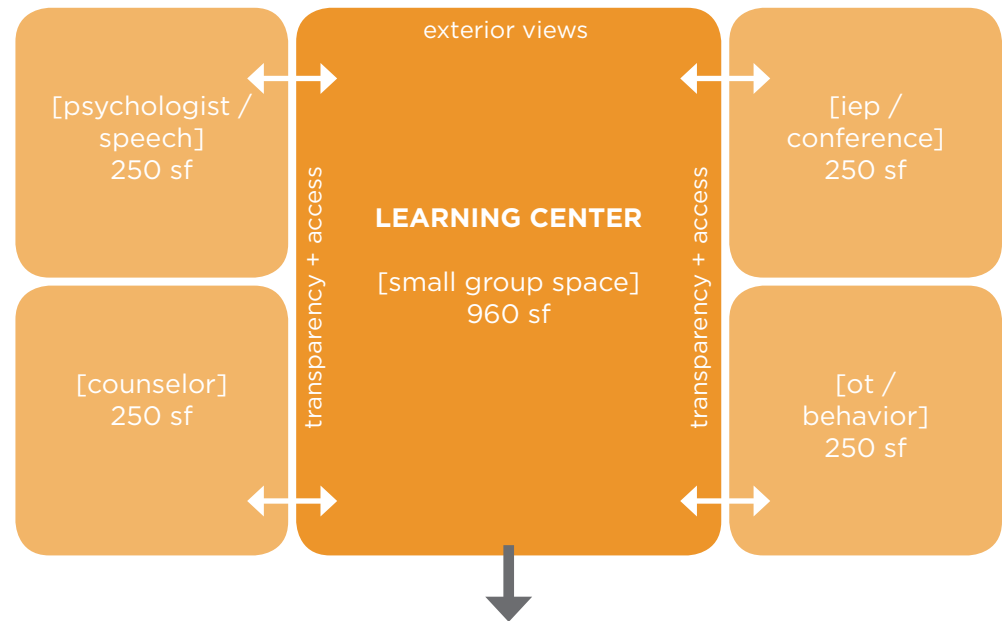
- A suite of offices for small groups and individual meetings.
- Enhance student communication skills.
- Locate central to the school campus, providing availability to students and their parents.
- Space for IEP's and similar meetings.
- Parent support is welcome and should be encouraged.
- Design with confidentiality in mind, balancing light with shading.
- Address needs for sensory, self-care, and mindfulness.

SPACE DESCRIPTION

(furniture, finishes, equipment)

- Flexible furniture can include individual, movable chairs and small group tables with locking wheels that can fold and "nest" into one another for easy storage.
- Provide carpet flooring that is durable and easy to clean.
- Provide ergonomic work stations within the offices. Include locking file storage.
- Provide multiple electrical outlets to support flexibility and technology integration.
- Provide reliable wireless internet connection.
- Provide one digital display monitor capable of wirelessly connecting to teacher and student devices. A hard-wired connection should also be provided.
- Walls should have a mix of writable and tackable surfaces (consider the use of magnetic white-boards).

a place of engagement and collaborative community



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activities / design objectives

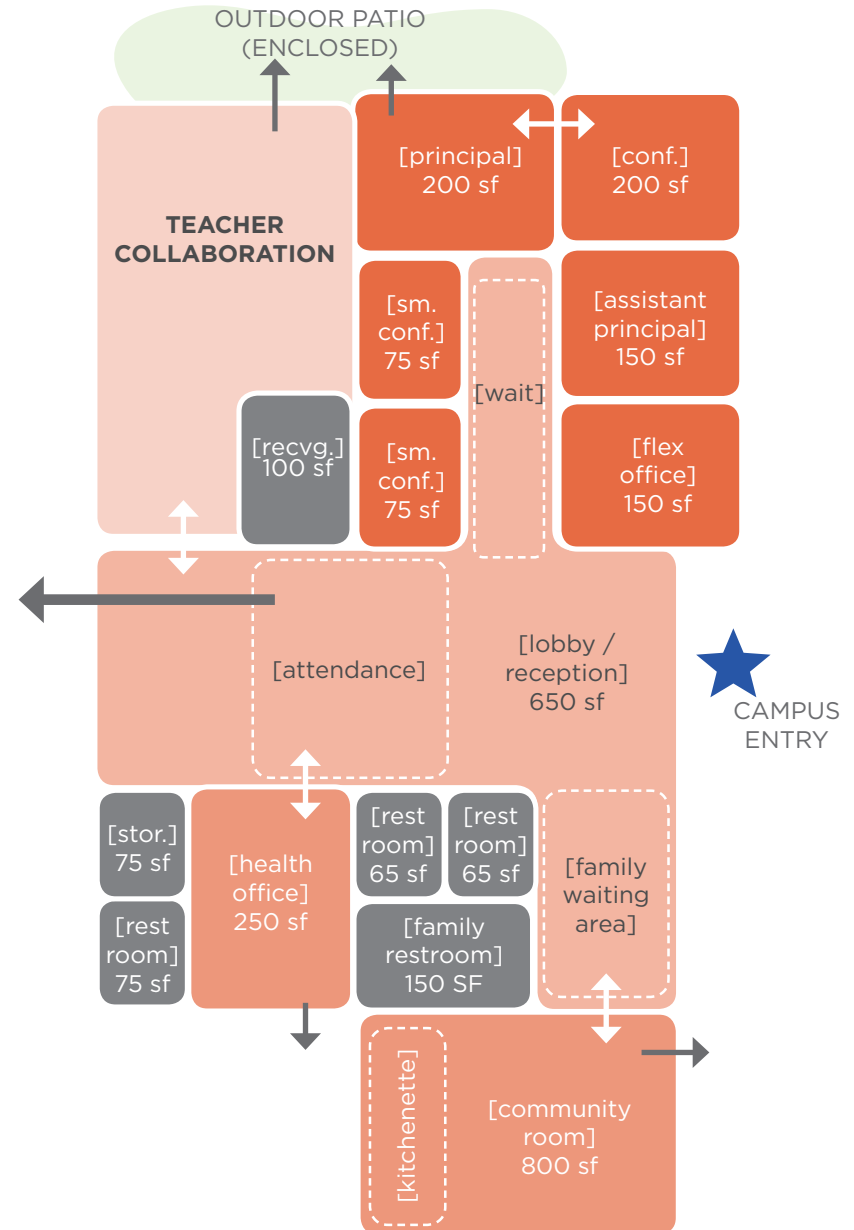
- Create a welcoming and inviting environment that de-stigmatizes being 'sent to the office.'
- Create a secure, single point of entry to the campus.
- Provide parent/family resources.
- Provide a mix of private offices (for those who require confidentiality) and open-concept offices for collaboration and flexibility.

SPACE DESCRIPTION

(furniture, finishes, equipment)

- Provide soft seating in the lobby waiting area.
- Provide ergonomic work stations within the offices. Include locking file storage.
- Provide carpet flooring that is durable and easy to clean. Utilize resilient flooring where appropriate.
- Provide multiple electrical outlets to support flexibility and technology integration.
- Provide reliable wireless internet connection.
- Provide one digital display monitor for announcements and the display of student work.
- Consider 'hoteling stations' in un-owned (flex) offices where staff members can plug in a personal device (suitable for teachers on special assignment and counselors serving multiple sites).

a place of engagement and collaborative community



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activities / design objectives

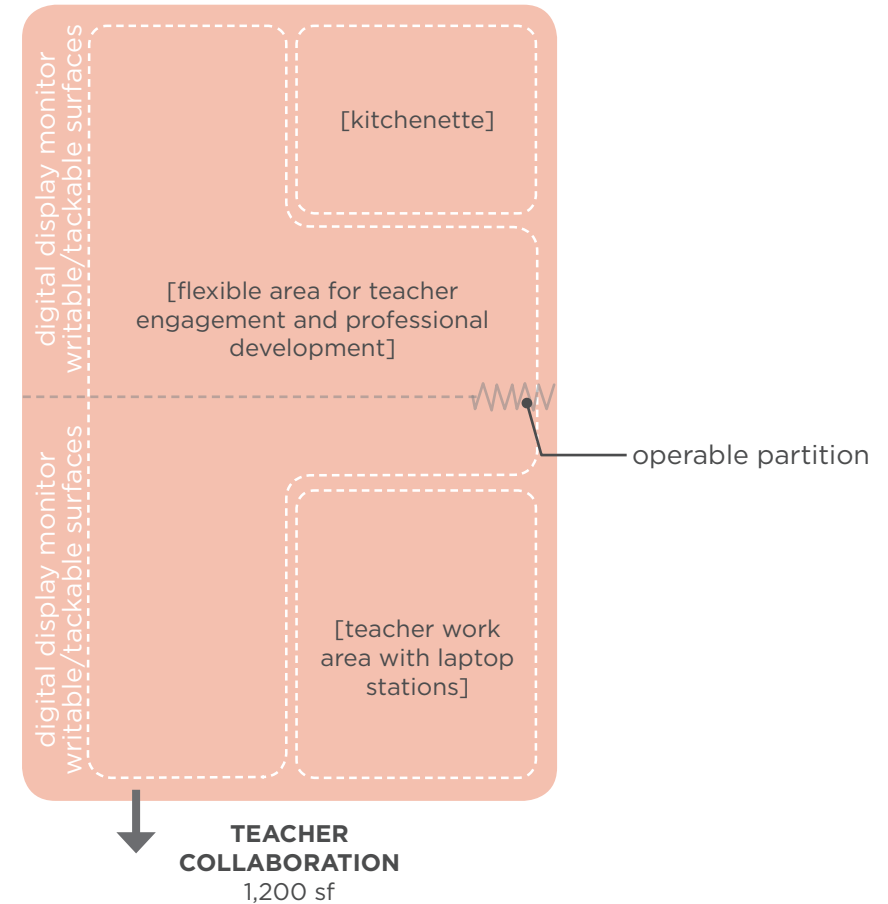
- Create flexible, comfortable spaces for various tasks related to class preparation and teacher collaboration.
- Teacher collaboration space should be centralized on campus.
- Size appropriately to house all teachers in a professional development setting.
- Accommodate both informal (socialize, dine, decompress) and formal uses (professional development, class preparation).

SPACE DESCRIPTION

(furniture, finishes, equipment)

- Flexible furniture can include individual, movable chairs and small group tables with locking wheels that can fold and “nest” into one another for easy storage. Also consider soft furniture to promote decompression.
- Tidy storage solutions.
- Provide flooring that is durable and easy to clean.
- Provide multiple electrical outlets to support flexibility and technology integration.
- Provide reliable wireless internet connection.
- Provide one digital display monitor for announcements and the display of student work.
- Consider ‘hoteling stations’ in un-owned offices where staff members can plug in a personal device (suitable for teachers on special assignment and counselors serving multiple sites).

a place of engagement and collaborative community



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activities / design objectives

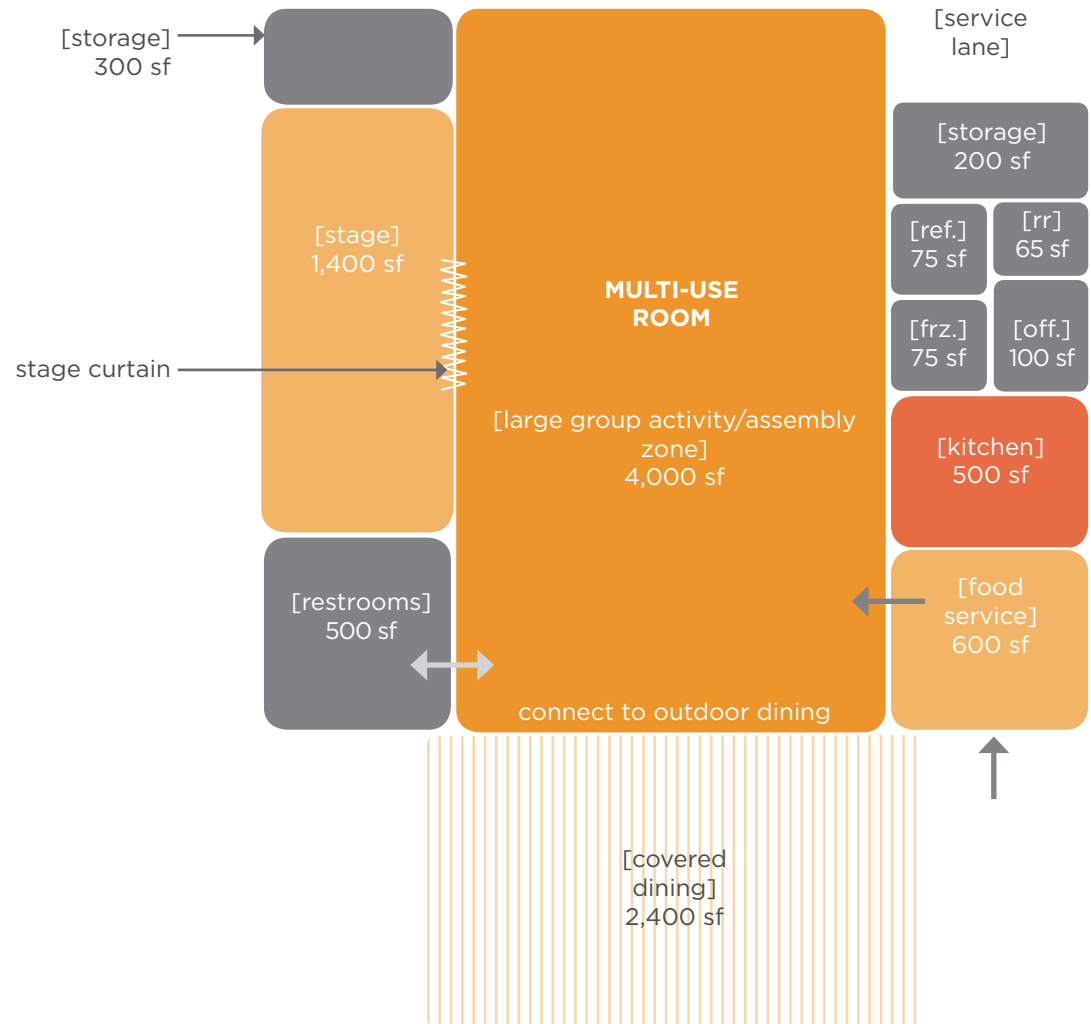
- Hosts school events such as assemblies, family nights, and school plays.
- Primary functions are food service/dining, social engagement, and performance.
- Indoor Physical Education space.
- Food service / indoor dining.
- Shared community use for events, scouts, parents clubs, etc.
- Design to accommodate easily-accessible drinking fountains, student restrooms, and custodial supply storage.
- Locate central to campus core, with direct access to hardcourts for student dining and a rear service area.

SPACE DESCRIPTION

(furniture, finishes, equipment)

- Furniture should accommodate student dining, with tables that can easily be stored to produce a clear floor. Seating should also be able to re-arrange from dining to audience seating for performances and assemblies.
- Provide flooring that is durable and easy to clean.
- Provide multiple electrical outlets to support flexibility and technology integration.
- Provide reliable wireless internet connection.
- Provide at least one digital display monitor with integrated sound system for music and voice amplification.
- Incorporate curtains and lighting appropriate for small-scale performances.
- Provide receptacles for multiple modes of disposal (landfill, recycling, compost).

a place of engagement and collaborative community



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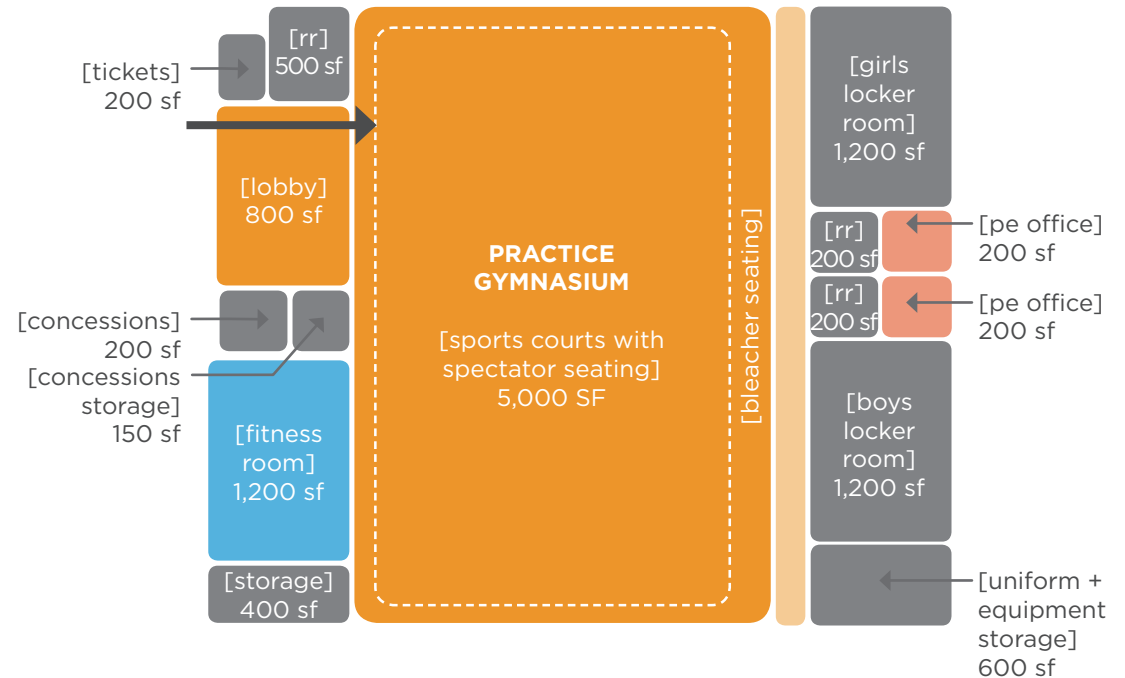
- Hosts athletics programs and is shared with the community.
- Locate in close proximity to the core of campus, with easy access to the perimeter for parking and service.

SPACE DESCRIPTION

(furniture, finishes, equipment)

- Provide bleacher-style seating.
- Lobby to include casework for the display of awards, and a digital display monitor for announcements.
- Lobby flooring should be sealed concrete or resilient that is durable and easy to clean.
- Gymnasium flooring should be a bio-cushion wood floor with court striping.
- Finishes should contribute to the acoustical qualities of the space.
- Ceiling height should allow for recreational activities such as basketball and volleyball.
- Provide multiple electrical outlets to support flexibility and technology integration.
- Provide reliable wireless internet connection.
- Integrated sound system for voice amplification.
- Provide a water bottle filling station and receptacles for multiple modes of disposal (landfill, recycling, compost).
- Incorporate scoreboard system and athletic equipment as appropriate (basketball hoops, removable volleyball posts/nets, wall padding, etc).
- Fitness room should have a bio-cushion wood floor and removable mat, to accommodate both dance and wrestling activities. Provide storage for mat.

a place of engagement and collaborative community



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