

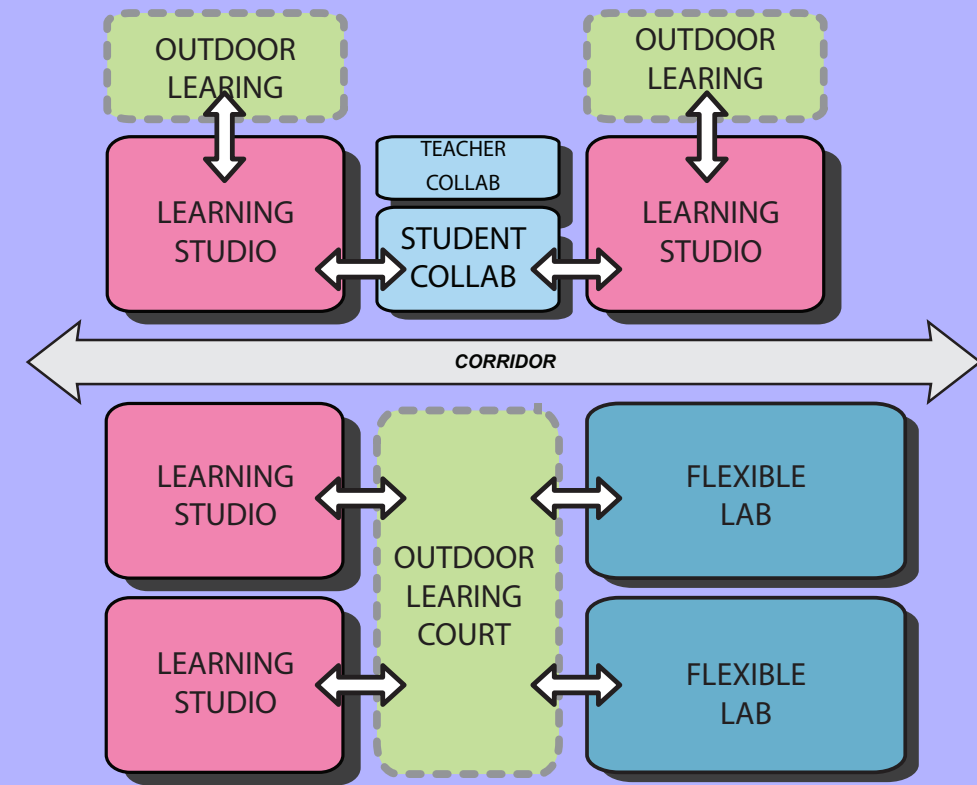
Space Types

6-8 Learning Studio

Description and Goals

The current middle school instructional spaces are internally accessed classrooms. The four middle schools are similar in age and layout. All of them have had gymnasiums added to the campuses. The intent of the learning suite concept is to allow for a collaborative instructional environment. Ideally, some of the internal classrooms would be eliminated and replaced with open outdoor learning spaces that would bring daylighting to the surrounding classrooms and allow for a connected learning suite. These spaces should be connected and able to be opened to one another to allow for larger group activities.

The interior furnishings should be flexible and easy to reconfigure in a variety of arrangements to support various combinations of learning, from individual and small group to collaboration spaces and testing. Wireless technology and connectivity will be implemented throughout with the goal of one-to-one personal devices able to tie into various output devices becoming the norm.



Grades 6-8 Instructional Community	QTY	SF	TOTAL
Classroom/Studio	4	960	3,840
Flexible Lab	2	1,350	2,700
Student Collaboration	1	720	720
Teacher Collaboration/Workroom	1	240	240
Outdoor Learning	2		Varies
Outdoor Learning Courtyard	1		Varies
Subtotal			7,500

Space Types

Flexible Lab

Size
1,300 sf

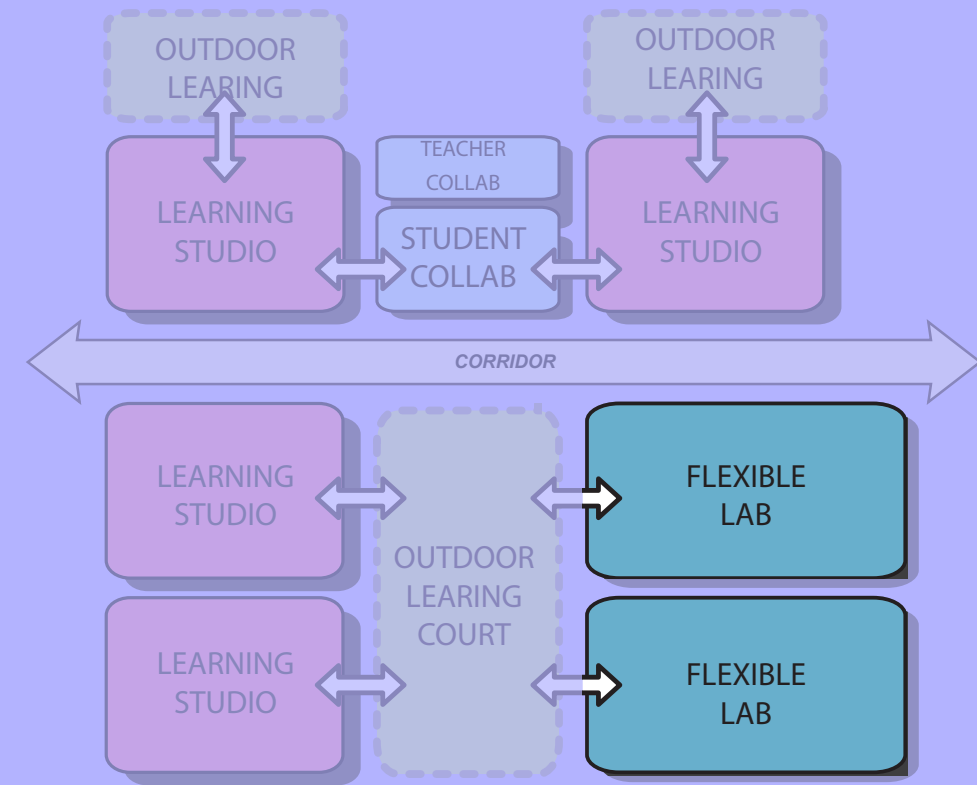
Occupants
Varies

User Groups
Students
Staff

Support Spaces
Prep/storage
Outdoor learning

Activities & Uses

Flexible science labs designed to teach various science subjects. Whole group and small group lecture and laboratory activities to include individual, small group, and whole group cooperative and collaborative teaching and learning activities, instructor group tutoring, peer tutoring, and student testing in relation to science research and investigation.



Building Systems

- Independent temperature control of area within flexible range set by district's EMS system
- Room temperature sensor connected to campus EMS
- Fire alarm/suppression as required
- USB charging outlets in room
- Outlets for general room and workstation use
- Clean, segregated power distribution with surge suppression
- Power for office machines
- Glare reducing lenses
- Lighting: per IES Lighting Handbook guidelines

Technology

- Telephone/intercom handset, VoIP
- Wireless access capable for most computer communications/applications
- Hardwired data outlets for local area network connectivity at the computer workstation
- Hardwired outlet to receive transmission from on-campus distribution system at digital display
- Access to file server, printer and scanner

Doors & Windows

- Natural light desirable
- Sidelight or view panel at door
- Window coverings as required for sun/glare control
- Skylights acceptable
- Ability to lock down door

Furniture & Equipment

- Staff workstation
- Cabinets
- Clock
- Flexible lab furniture
- Lower base cabinets with sinks along perimeter walls

Special Considerations

- Ceiling material: acoustic ceiling tile
- Ceiling height: 9'-0" min.
- Wall material: painted gypsum

board

- Floor material: vinyl composition tile or carpet tile
- Acoustics: per ANSI/ASA S12.60-2010/ Part 1 "American National Standard Acoustical Performance Criteria, Design Requirements and Guidelines for Schools," Part 1: Permanent Schools
- Adjacent to Outdoor Learning Courts

Sustainability

- Natural daylighting into the space
- Use of rapidly renewable materials to be used such as wheat board in casework
- Design to integrate durable materials with emphasis on regionally available materials, low VOC-emitting and recycled materials to maintain healthy air quality

Space Types

Learning Studio

Size
960 sf

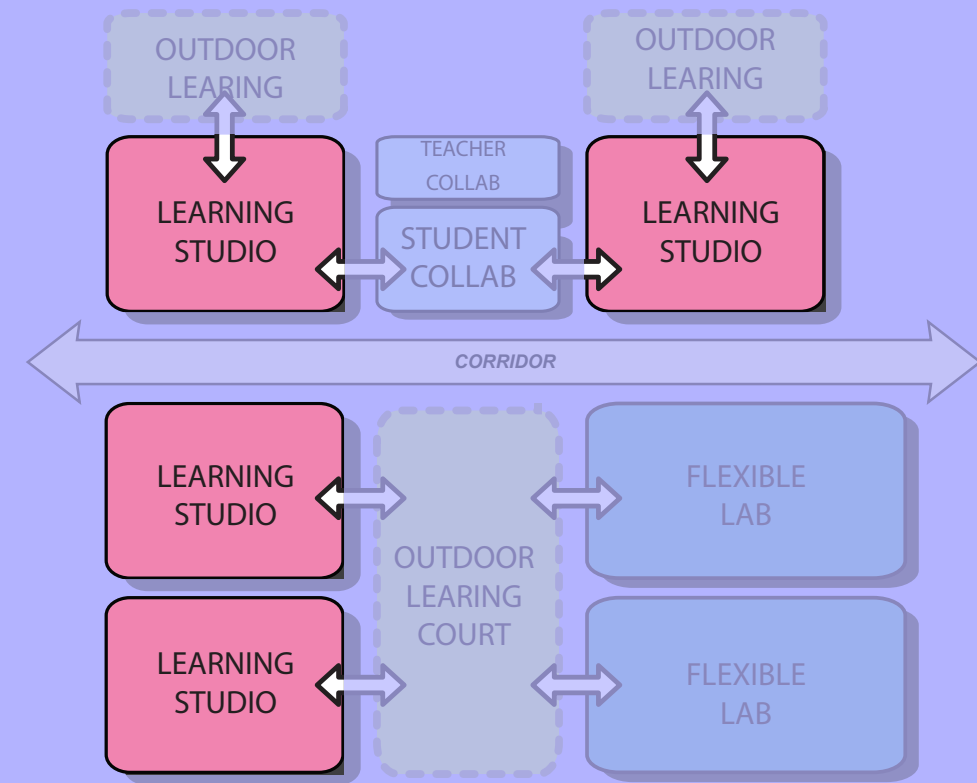
Occupants
1 Instructor
29 Students

User Groups
Students
Staff

Support Spaces
Project Area
Student Restrooms

Activities & Uses

Whole group and small group lecture/discussion. Individual, small group, and whole group cooperative and collaborative teaching and learning activities, instructor group tutoring, peer tutoring, and student testing.



Building Systems

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- Outlets for general room and workstation use
- Clean, segregated power distribution with surge suppression
- Power for office machines
- Glare reducing lenses
- Lighting: per IES Lighting Handbook guidelines

Technology

- Telephone/intercom handset, VoIP
- Wireless access capable for most computer communications/applications
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Doors & Windows

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- Sidelight or view panel at door
- Window coverings as required for sun/glare control
- Skylights acceptable
- Ability to lock down door

Furniture & Equipment

- Staff workstation
- Cabinets
- Clock
- Flexible furniture

Special Considerations

- Ceiling material: acoustic ceiling tile
- Ceiling height: 9'-0" min.
- Wall material: painted gypsum board
- Floor material: vinyl composition

tile or carpet tile

- Acoustics: per ANSI/ASA S12.60-2010/ Part 1 "American National Standard Acoustical Performance Criteria, Design Requirements and Guidelines for Schools," Part 1: Permanent Schools
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Sustainability

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- Design to integrate durable materials with emphasis on regionally available materials, low VOC-emitting and recycled materials to maintain healthy air quality