

## Space Types

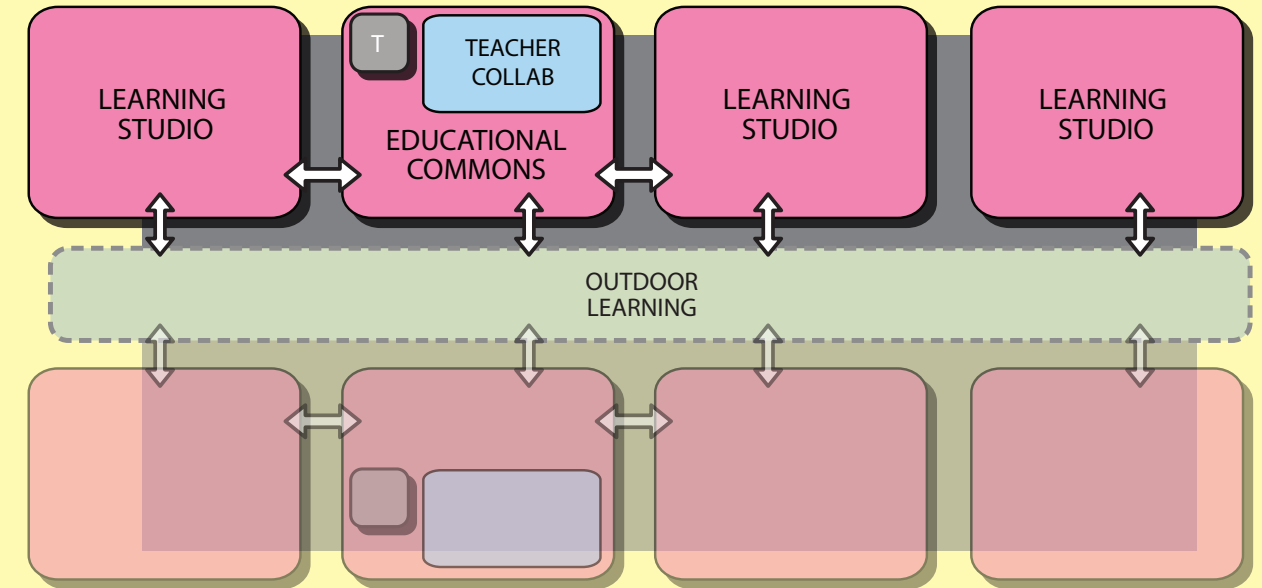
# Grades 1-5 Learning Suite

### Description and Goals

The teaching spaces are classrooms that will foster a collaborative environment, further the goals of the Common Core State Standards and the implementation of Next Generation learning. The spaces will be connected to one another through the addition of transparency with interior windows and operable walls or large doors (perhaps overhead). Each classroom will include access to a collaboration room able to accommodate up to 8 persons.

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.

The intent of the instructional communities is to include outdoor learning spaces. New energy efficient units can be added to each classroom to upgrade the outdoor learning patios with low level enclosures, moveable furniture and overhead weather protection.



### Grade 1-5 Instructional Community

	QTY	SF	TOTAL
Learning Studio	6	960	3,840
Teacher Collaboration	2	240	480
Education Commons	2	720	1,440
Outdoor Learning			Varies
<b>Subtotal</b>			<b>5,760</b>

# Space Types

## Learning Studio

**Size**  
960 sf

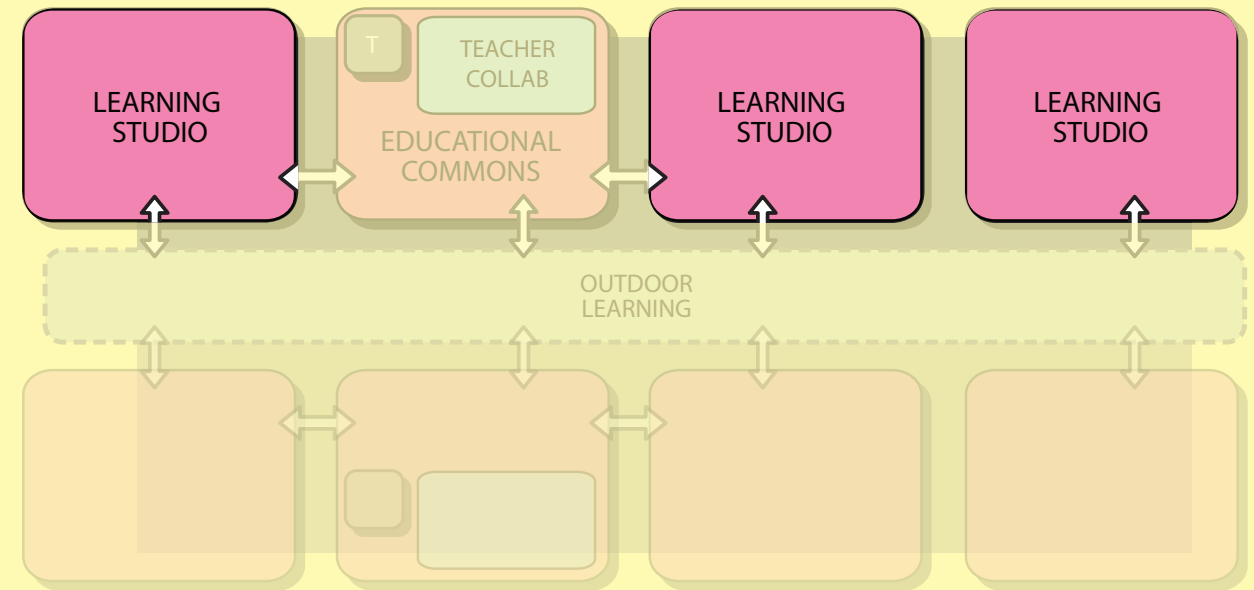
**Occupants**  
1 Instructor  
24 Students

**User Groups**  
Students  
Staff

**Support Spaces**  
Outdoor Learning Area

### 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

- 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
- Glare reducing lenses
- Lighting: per IES Lighting Handbook guidelines

### Technology

- Telephone/intercom handset, VoIP
- Data outlets for local area network connectivity
- Hardwired outlet to receive transmission from on-campus distribution system at digital display
- Multiple source input for digital displays, including wireless and mobile devices
- Capable of streaming media

### Doors & Windows

- Natural light desirable
- Sidelight or view panel at door
- Window coverings as required for sun/glare control
- Skylights acceptable
- Maximum visibility to outdoor learning area

### Furniture & Equipment

- Instructor workstation
- Desktop computer workstations
- HiDef digital display
- Digital display wall-mount brackets
- Clock
- (1) 4' x 4' tackboard
- Base cabinet to include a

countertop sink

- Multiple writable surfaces
- Adequate storage cabinetry for staff and student supplies and equipment, flexible and mobile
- Flexible, comfortable and reconfigurable furniture appropriate for this grade level and student size

### 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
- Capability of opening (2) adjacent classrooms to each other via operable partitions to accommodate large group/team meeting configurations
- Adjacent to Outdoor learning areas

### 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

# Educational Commons

**Size**  
720 sf

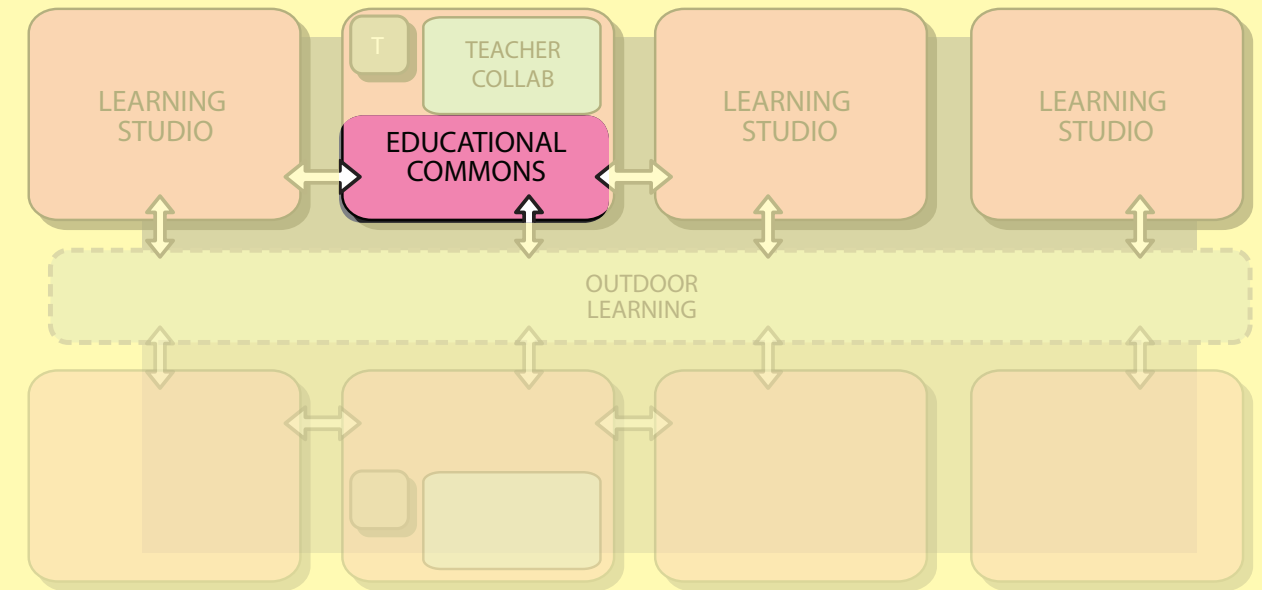
**Occupants**  
Varies

**User Groups**  
Students  
Instructors

**Support Spaces**  
Teacher Collaboration  
Learning Studio

### Activities & Uses

The educational commons should have a connection directly to the outdoors as both an entrance to the Learning Suite as well as to facilitate outdoor learning opportunities.



### 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
- Glare reducing lenses
- Lighting: per IES Lighting Handbook guidelines

### Technology

- Telephone/intercom handset, VoIP
- Data outlets for local area network connectivity
- Hardwired outlet to receive transmission from on-campus distribution system at digital display
- Multiple source input for digital displays, including wireless and mobile devices
- Capable of streaming media

### Doors & Windows

- Natural light desirable
- Sidelight or view panel at door
- Window coverings as required for sun/glare control
- Skylights acceptable
- Maximum visibility to outdoor learning area

### Furniture & Equipment

- HiDef digital display
- Digital display wall-mount bracket
- Clock
- (1) 4' x 4' tackboard
- Flexible/mobile storage as necessary
- Work table and chairs
- Base cabinets with counter work surface
- Wall cabinets with adjustable shelving and hinged doors

### 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

### 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

# Teacher Collaboration

**Size**  
240 sf

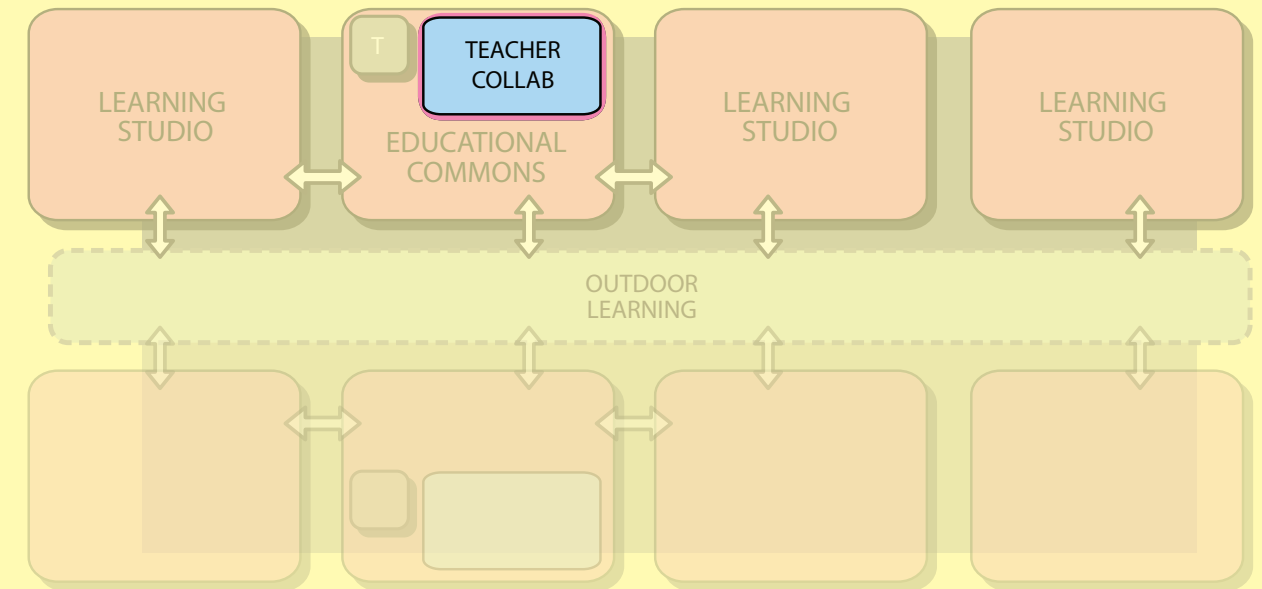
**Occupants**  
Instructors  
Students

**User Groups**  
Students  
Staff

**Support Spaces**  
None

### Activities & Uses

Shared work area for teachers to prepare instructional materials, confer with colleagues, assist students, plan and develop curricula, and conduct activities related to teaching and learning. Activities also include formal and informal conferences and consultation with colleagues, staff and students.



### 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
- Data outlets for local area network connectivity
- Hardwired outlet to receive transmission from on-campus distribution system at digital display
- Multiple source input for digital displays, including wireless and mobile devices
- Capable of streaming media

### Doors & Windows

- Natural light desirable
- Sidelight or view panel at door
- Window coverings as required for sun/glare control
- Skylights acceptable
- Maximum visibility to outdoor learning area

### Furniture & Equipment

- Work tables and chairs
- Two instructor workstations along a wall
- Clock
- Base cabinets with counter work surface, adjustable shelving and hinged doors above base cabinets, locks
- Tall storage cabinets with adjustable shelving and hinged doors, locks
- (1) 4' x 4' tackboard

### 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

### 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