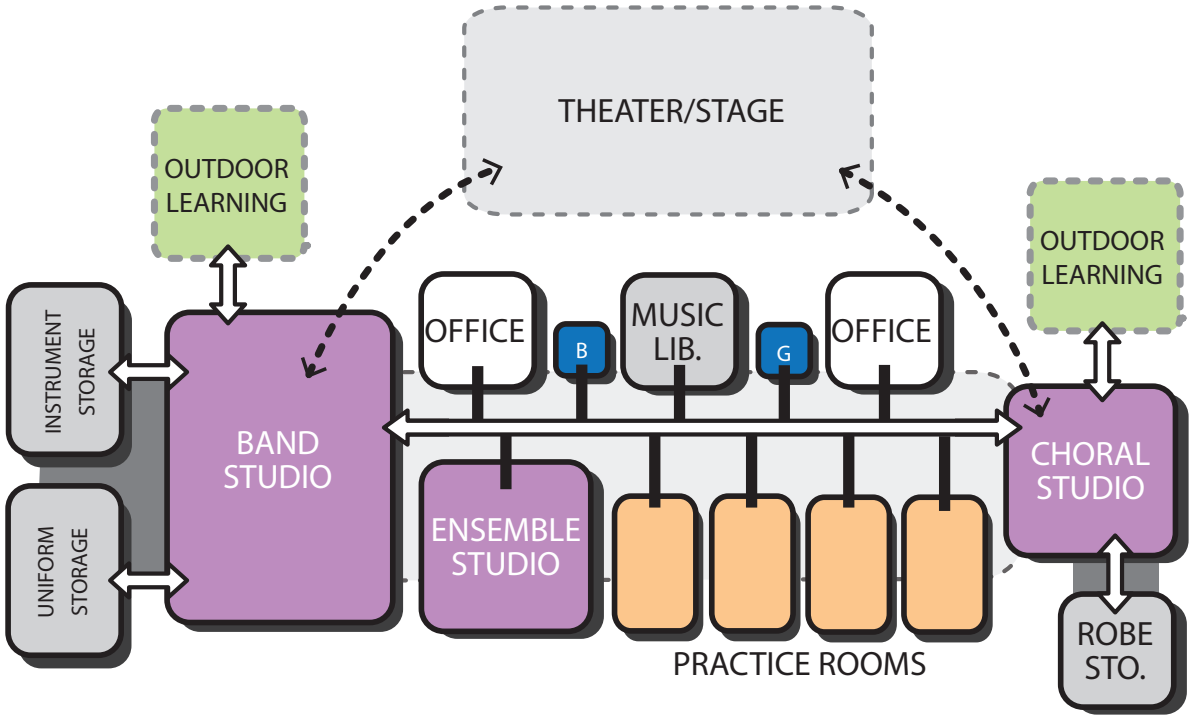
HIGH SCHOOL
EDUCATIONAL SPECIFICATIONS

COMPONENT:

MUSIC

ADJACENCY DIAGRAM



ROOM TYPE:

BAND STUDIO - FLAT FLOOR

SIZE: 1800 sf

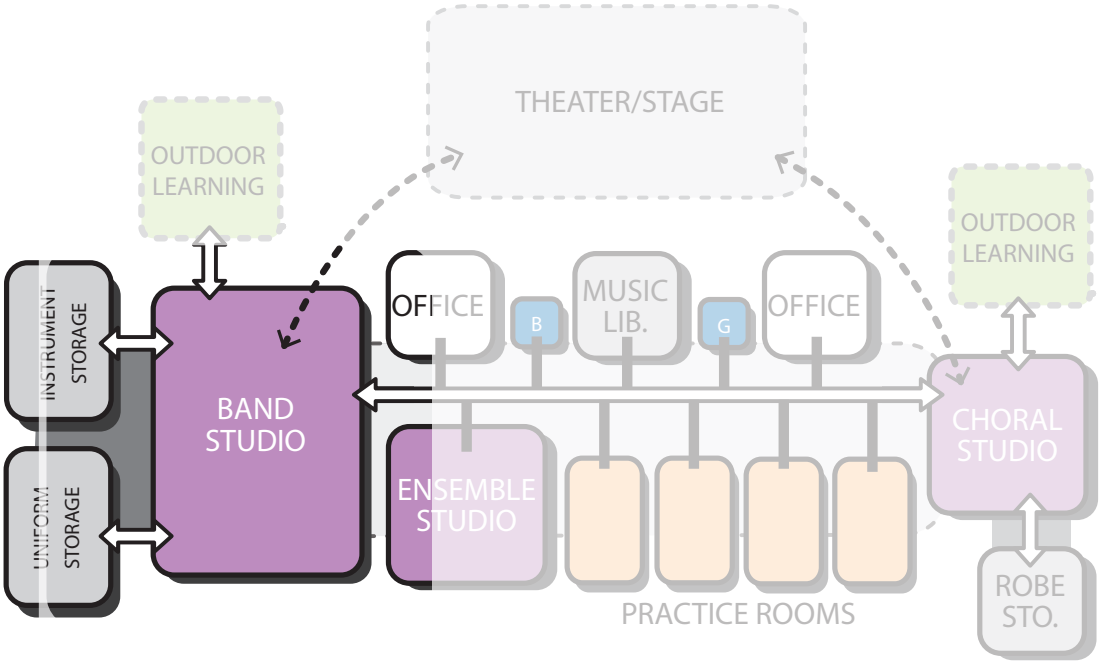
OCCUPANTS: 1 instructor, 29 students

ACTIVITIES AND USES

Large and small group band and orchestra instruction and rehearsal.

SUPPORT SPACES

- Instrument storage: 200 sf
- Office: 100 sf
- Music library: 100 sf



SPECIAL CONSIDERATIONS

- Ceiling material: acoustic ceiling tile, exposed structure, or dropped cloud system
- Ceiling height: 16'-0" min.
- Wall material: painted gypsum board with acoustic wall panel
- One wall tackable surface
- Floor material: carpet tile or vinyl composite tile
- Connection to band / practice field, access to bus loading
- Connection to adjacent storage areas
- 0.8-0.10 second reverberation time within room
- 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
- Min. 65 STC rating between music room and adjacent occupied spaces

DOORS / WINDOWS

- Door with view panel
- Acoustic seals at doors
- Energy efficient windows (triple glazed) with blinds
- Skylights acceptable
- Large windows to exterior - natural light desirable

FURNITURE / EQUIPMENT/ MILLWORK

- (1) Instructor workstation
- (8) Student workstations
- (50) Student chairs
- (50) Music stands
- (1) 80" TV monitor display
- Sound recording and playback equipment, microphone
- Portable music risers
- Technology console
- Storage cabinets (with locks)
- Markerboard: (2) 4' x 12' - one with permanent staff lines or marker wall
- Tackboard: (2) 4' x 4'
- Clock

BUILDING SYSTEM REQUIREMENTS

MECHANICAL

- Independent temperature control of room within flexible range set by district's EMS system- designed for low ambient noise
- Room temperature sensor connected to campus EMS
- Fire alarm/suppression as required

PLUMBING

- (1) Deep basin sink in instrument storage area

ELECTRICAL / LIGHTING

- Outlets for general room and workstation use
- Clean, segregated power distribution with surge suppression
- Lighting: per IES Lighting Handbook guidelines
- Ability to dim room in response to video projection

TECHNOLOGY

- Telephone / intercom handset, VoIP
- Intercom speaker with outlet
- Hardwired video outlet to permit taping of in-room activities, transmitting to on-campus locations, and receiving video transmission from on-campus distribution system at TV monitor display
- Local area network connectivity for instructor workstation and student workstations
- Wireless access capable for most computer communications/applications

ROOM TYPE:

CHORAL STUDIO

SIZE: 1200 sf

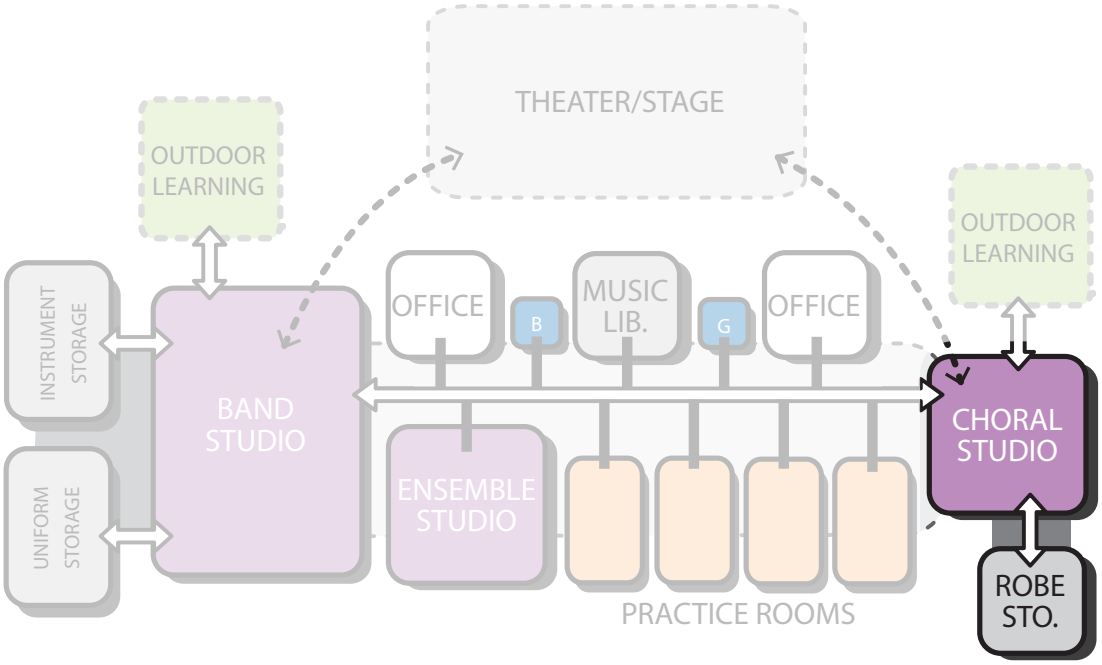
OCCUPANTS: 1 instructor, 29 students

ACTIVITIES AND USES

Large and small group choral / vocal music instruction and rehearsal.

SUPPORT SPACES

- Office: 100 sf
- Uniform & robe storage: 200 sf



SPECIAL CONSIDERATIONS

- Ceiling material: acoustic ceiling tile, exposed structure, or dropped cloud system
- Ceiling height: 16'-0" min.
- Wall material: painted gypsum board
- Provide angled wall and / or appropriate acoustic wall panel treatment to reduce flutter echo
- One wall tackable surface
- Floor material: carpet tile
- Connection to amphitheater
- 1.0 - 1.3 second reverberation time within room
- 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
- Min. 65 STC rating between music room and adjacent occupied spaces

DOORS / WINDOWS

- Door with view panel
- Acoustic seals at doors
- Energy efficient windows (triple glazed) with blinds
- Skylights acceptable
- Large windows to exterior - natural light desirable

FURNITURE / EQUIPMENT/ MILLWORK

- (1) Instructor workstation
- (60) Student chairs
- (60) Music stands
- (2) 80" TV monitor displays
- Sound recording and playback equipment, microphone
- Special systems / technology console
- Portable music risers
- Storage cabinets (with locks)
- Markerboard: (2) 4' x 12' - one with permanent staff lines or marker wall
- Tackboard: (2) 4' x 4'
- Clock

BUILDING SYSTEM REQUIREMENTS

MECHANICAL

- Independent temperature control of room within flexible range set by district's EMS system- designed for low ambient noise
- Room temperature sensor connected to campus EMS
- Fire alarm/suppression as required

PLUMBING

- (1) Drinking fountain

ELECTRICAL / LIGHTING

- Outlets for general room and workstation use
- Clean, segregated power distribution with surge suppression
- Lighting: per IES Lighting Handbook guidelines
- Ability to dim room in response to video projection

TECHNOLOGY

- Telephone / intercom handset, VoIP
- Intercom speaker with outlet
- Hardwired video outlet to permit taping of in-room activities, transmitting to on-campus locations, and receiving video transmission from on-campus distribution system at TV monitor display
- Local area network connectivity for instructor workstation and student workstations
- Wireless access capable for most computer communications/applications

ROOM TYPE:

PRACTICE STUDIO

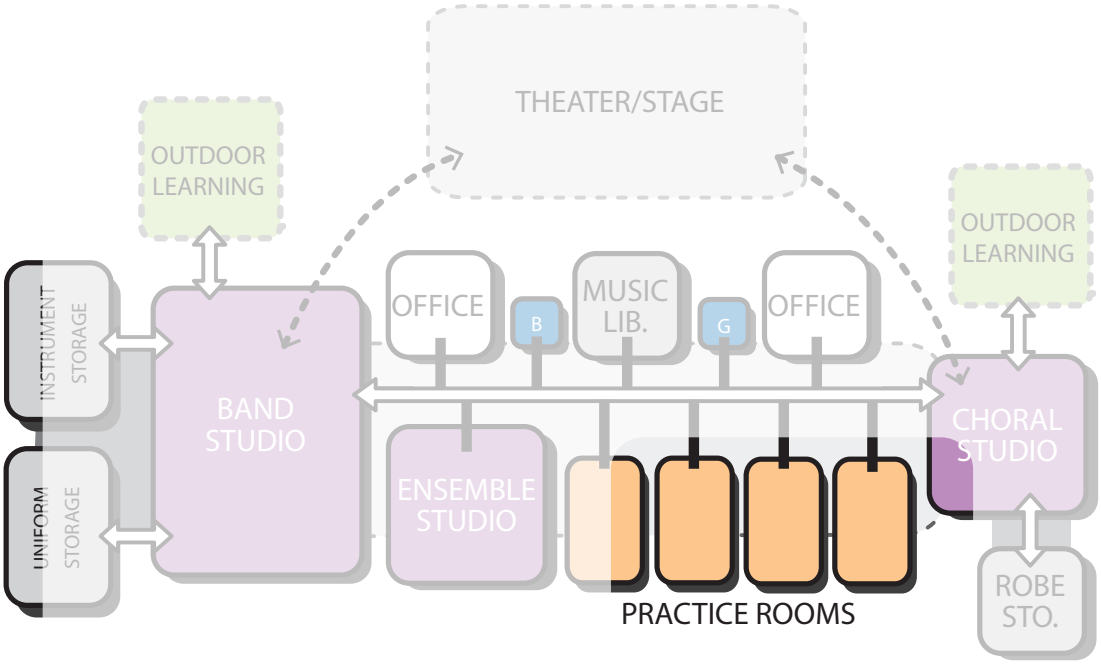
SIZE: 80 sf
OCCUPANTS: 1 instructor, 1-6 students

ACTIVITIES AND USES

Individual and small group instrument and vocal music instruction and rehearsal.

SUPPORT SPACES

- None



SPECIAL CONSIDERATIONS

- Ceiling material: acoustic ceiling tile
- Ceiling height: 9-0” min.
- Wall material: painted gypsum board
- Acoustic wall panels on all four walls, full height with chair rail
- One wall tackable surface
- Floor material: 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
- Min. 65 STC rating between music room and adjacent occupied spaces

DOORS / WINDOWS

- Door with view panel
- Acoustic seals at doors
- Energy efficient windows (triple glazed) with blinds
- Skylights acceptable
- Large windows to exterior - natural light desirable

FURNITURE / EQUIPMENT/ MILLWORK

- Student chairs and music stands
- Storage cabinets (with locks)
- Markerboard: (1) 4’ x 12’ - one with permanent staff lines or marker wall
- Tackboard: (2) 4’ x 4’
- Clock

BUILDING SYSTEM REQUIREMENTS

MECHANICAL

- Independent temperature control of room within flexible range set by district’s EMS system- designed for low ambient noise
- Room temperature sensor connected to campus EMS
- Fire alarm/suppression as required

PLUMBING

- N/A

ELECTRICAL / LIGHTING

- Outlets for general room and workstation use
- Clean, segregated power distribution with surge suppression
- Lighting: per IES Lighting Handbook guidelines

TECHNOLOGY

- (1) Data outlet for MIDI connectivity
- Telephone / intercom handset, VoIP
- Local area network connectivity
- Wireless access capable for most computer communications/applications

ROOM TYPE:

ENSEMBLE STUDIO

SIZE: 300 sf

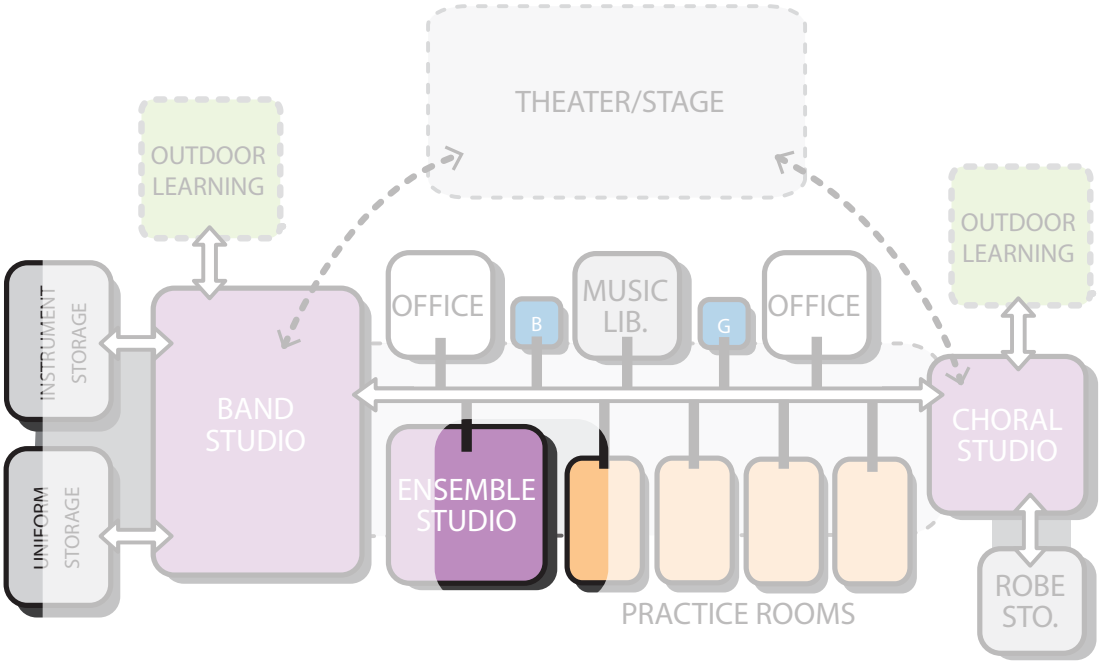
OCCUPANTS: 1 instructor, 10 students

ACTIVITIES AND USES

Individual and small group instrument and vocal music instruction and rehearsal.

SUPPORT SPACES

- None



SPECIAL CONSIDERATIONS

- Ceiling material: acoustic ceiling tile
- Ceiling height: 9-0” min.
- Wall material: painted gypsum board
- Acoustic wall panels on all four walls, full height with chair rail
- One wall tackable surface
- Floor material: carpet tile
- Acoustics: per ANSI/ASA S12.60-2010/ Part 1 “American National Standard Acoustical Performance Criteria, Design Requirements and Guidelines for Schools,”
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- Door with view panel
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- Energy efficient windows (triple glazed) with blinds
- Skylights acceptable
- Large windows to exterior - natural light desirable

FURNITURE / EQUIPMENT/ MILLWORK

- Student chairs and music stands
- Storage cabinets (with locks)
- Markerboard: (1) 4’ x 12’ - one with permanent staff lines or marker wall
- Tackboard: (2) 4’ x 4’
- Clock

BUILDING SYSTEM REQUIREMENTS

MECHANICAL

- Independent temperature control of room within flexible range set by district’s EMS system- designed for low ambient noise
- Room temperature sensor connected to campus EMS
- Fire alarm/suppression as required

PLUMBING

- N/A

ELECTRICAL / LIGHTING

- Outlets for general room and workstation use
- Clean, segregated power distribution with surge suppression
- Lighting: per IES Lighting Handbook guidelines

TECHNOLOGY

- (1) Data outlet for MIDI connectivity
- Telephone / intercom handset, VoIP
- Local area network connectivity
- Wireless access capable for most computer communications/applications