

# TK-8 EDUCATIONAL SPECIFICATIONS

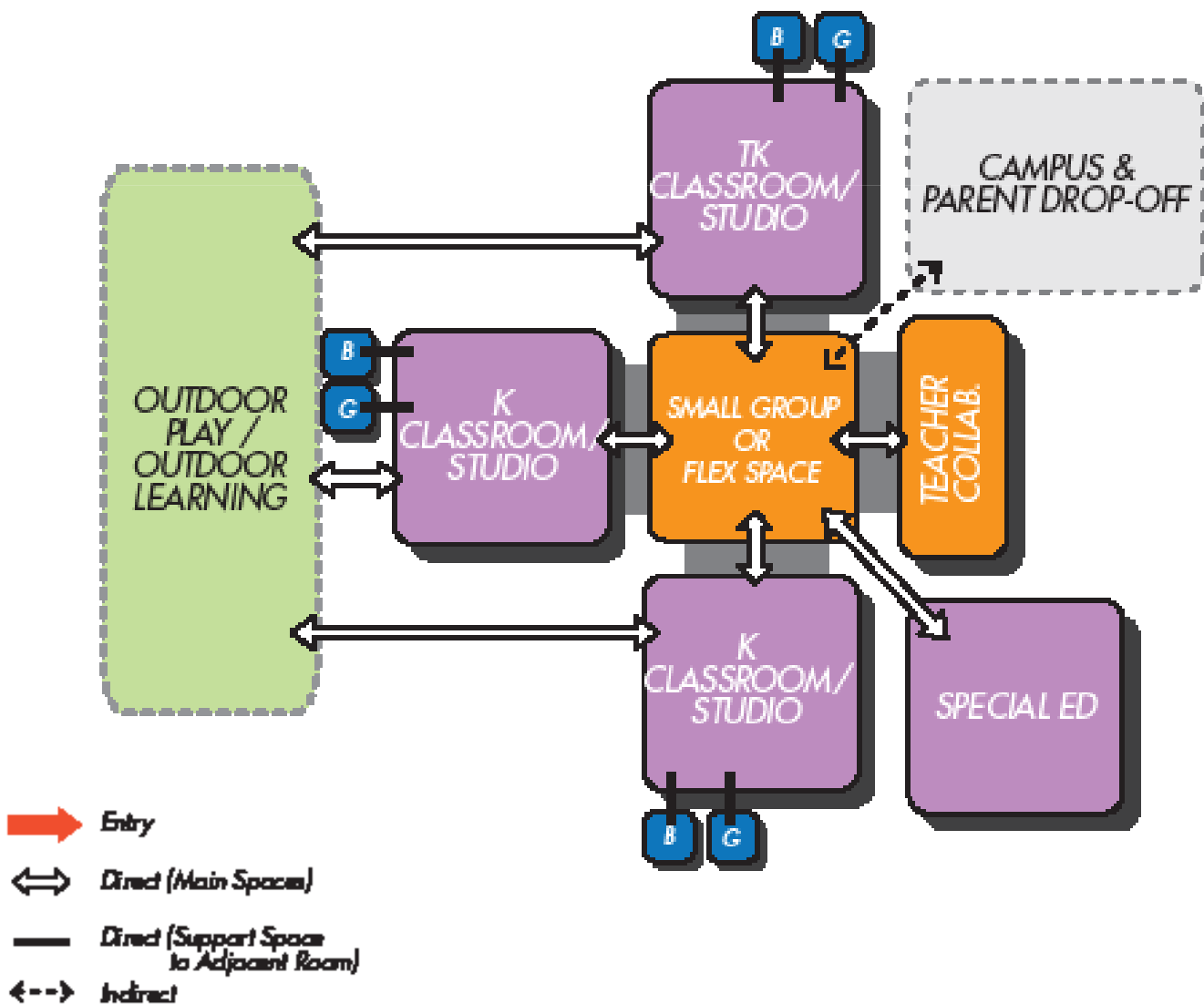
# TK-K INSTRUCTIONAL COMMUNITY



## DESCRIPTION / GOALS

- The elementary school should be arranged into TK-K, 1-3, and 4-5 communities as much as is practicable and possible. While slightly more challenging, existing schools can be re-organized into grade-level communities, particularly “finger-wing” layouts (of which there are many in the district) wherein grade-level communities can be located in opposing building wings rather than remaining in a straight-line configuration within a single wing.
- The TK-K Community should be configured to allow this grade level to be kept together as an autonomous unit within the larger campus structure with restrooms, outdoor learning environments and play areas easily accessible to all community learning studios.
- The community should promote teacher collaboration and help advance the feeling of a professional learning environment for grade-level teachers.
- The community configuration should sustain the safety and foster the security of the TK-K learner by allowing easy and constant supervision by the community’s teachers.
- Ideally, the TK-K Community is located with easy and close access to a parent drop-off/pick-up area that is separate from the school’s main drop-off/pick-up area.

## ADJACENCY DIAGRAM



ROOM TYPE:

## CLASSROOM / STUDIO

SIZE: 1350 sf

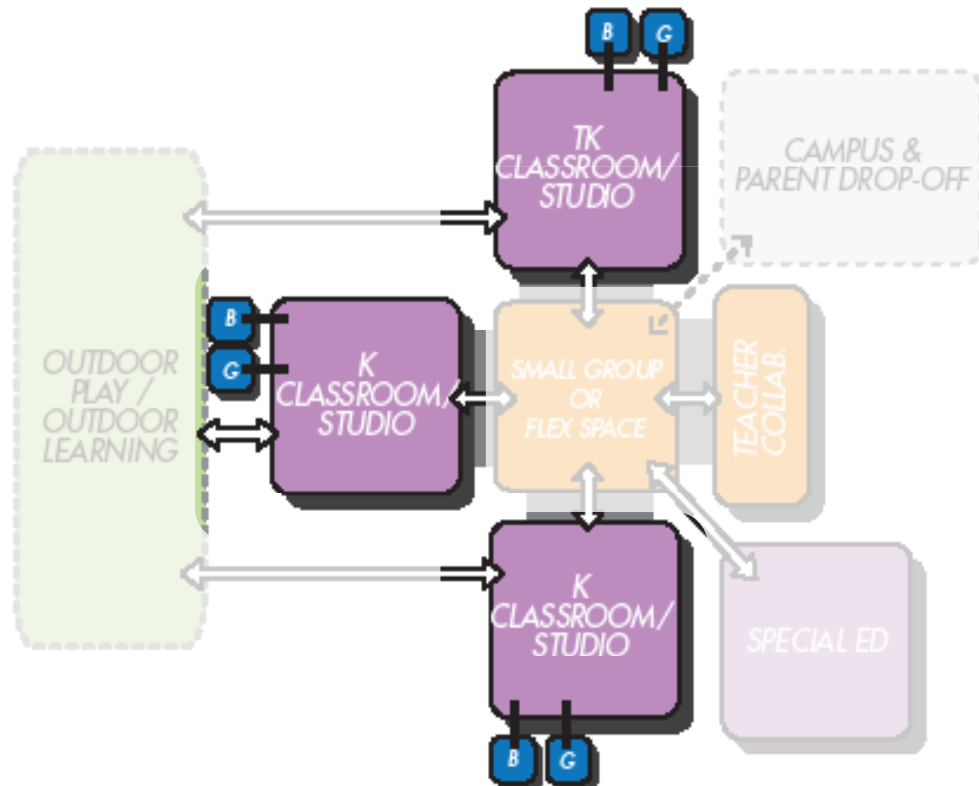
OCCUPANTS: 1 instructor, 24 students

### ACTIVITIES AND 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.

### SUPPORT SPACES

- Toilets: 50 sf (2 per classroom)
- Adjacent to Outdoor Learning Area
- Adjacent to Outdoor Covered Play Area



## SPECIAL CONSIDERATIONS

- Capability of opening (2) adjacent classrooms (per team) to each other via operable partition(s) to accommodate large group/team meetings
- Ceiling material: acoustic ceiling tile; 9'-0" AFF min.
- Flooring: vinyl composition tile and/or carpet tile
- Flexible/mobile furniture
- 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

## DOORS / WINDOWS

- Natural light desirable
- Sidelight at door
- Window coverings with the ability to darken space
- Skylights acceptable
- Ability to lock down door
- Keyless electronic lock access

## FURNITURE / EQUIPMENT/ MILLWORK

- (1) instructor workstation (instructor should be mobile with in the classroom)
- Base cabinets with counter work surface, adjustable shelving and hinged doors and drawers, countertop sink, and locks (verify locations)
- (1) 80" TV monitor display & wall bracket
- (1) 50"-55" TV monitor display & wall bracket
- Wall cabinets with adjustable shelving and hinged doors



TK Classroom

- above base cabinets, locks (verify locations)
- Tall storage cabinets with adjustable shelving and hinged doors, locks (verify locations), sufficient space for storage of digital document camera
- (2) 4' x 12' markerboards
- (4) 4' x 6' tackboards

## BUILDING SYSTEM REQUIREMENTS

### ELECTRICAL / LIGHTING

- Outlets for general room, instructor workstation, chrome book/iPad charging and student computer workstations, TV monitor display locations
- Clean, segregated power distribution with surge suppression
- Glare reducing lenses
- Adjustable lighting via independently controlled banks of lights
- Lighting: per IES Lighting Handbook guidelines

### MECHANICAL

- Independent temperature control of room within flexible range set by district's EMS system
- Room temp sensor connected to campus EMS

### PLUMBING

- Fire alarm/suppression - controls in the MDF
- Counter sink with drinking fountain bubbler
- Age appropriate toilets/sinks @ toilet rooms

### TECHNOLOGY

- Refer to the "District Wide Instructional Technology Plan" for school campus requirements
- Telephone/intercom handset, VoIP on wall.
- Hard-wired data outlet for network connectivity to accept online streaming of announcements and other resources needed for classroom instruction
- Wireless access capable for most computer communications/applications
- Apple TV available for various network devices to connect to TV monitor display via iPad, Mac and Windows mirroring

ROOM TYPE:

## TEACHER COLLABORATION

SIZE: 200 sf

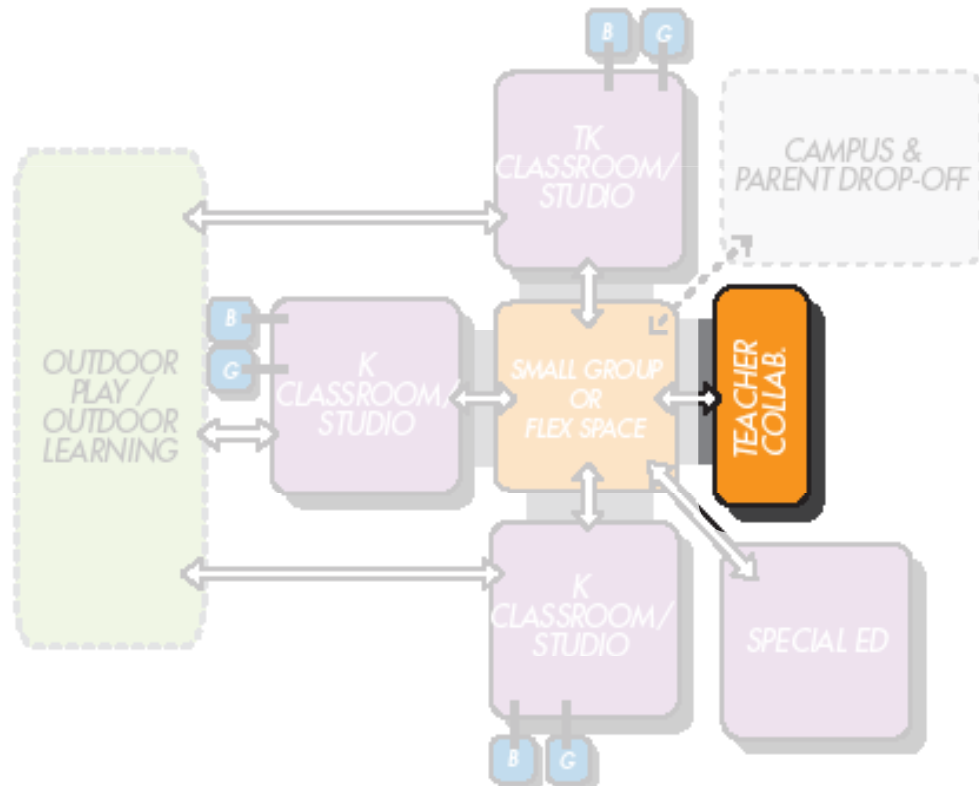
OCCUPANTS: Varies

### ACTIVITIES AND 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.

### SUPPORT SPACES

- None



## SPECIAL CONSIDERATIONS

- Ceiling material: acoustic ceiling tile; 9'-0" AFF 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

## DOORS / WINDOWS

- Natural light desirable
- Sidelight at door
- Window coverings as required for sun/glare control
- Skylights acceptable
- Maximum visibility to outdoor learning area
- Keyless electronic lock access

## FURNITURE / EQUIPMENT/ MILLWORK

- Work tables and chairs
- (3-5) instructor workstations along a wall
- Base cabinets with counter work surface, adjustable shelving and hinged doors and drawers, locks (verify locations)
- Wall cabinets with adjustable shelving and hinged doors above base cabinets, locks (verify locations)
- Tall storage cabinets with adjustable shelving and hinged doors, locks (verify locations)
- (1) 4' x 4' tackboard

## BUILDING SYSTEM REQUIREMENTS

### MECHANICAL

- Independent temperature control of room within flexible range set by district's EMS system

### ELECTRICAL / LIGHTING

- Outlets for general room and workstation use
- Clean, segregated power distribution with surge suppression
- Power for office machines
- Glare reducing lenses

### TECHNOLOGY

- Lighting: per IES Lighting Handbook guidelines
- Refer to the "District Wide Instructional Technology Plan" for school campus requirements
- Telephone/intercom handset, VoIP
- Data outlets for local area network connectivity
- Hard-wired data outlet for network connectivity to accept online streaming of announcements and other resources needed for classroom instruction
- Wireless access capable for most computer communications/applications