

TK-8 EDUCATIONAL SPECIFICATIONS

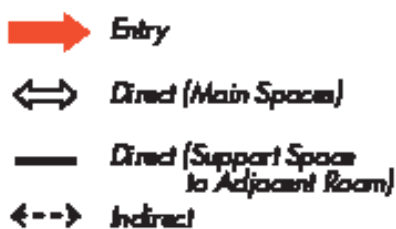
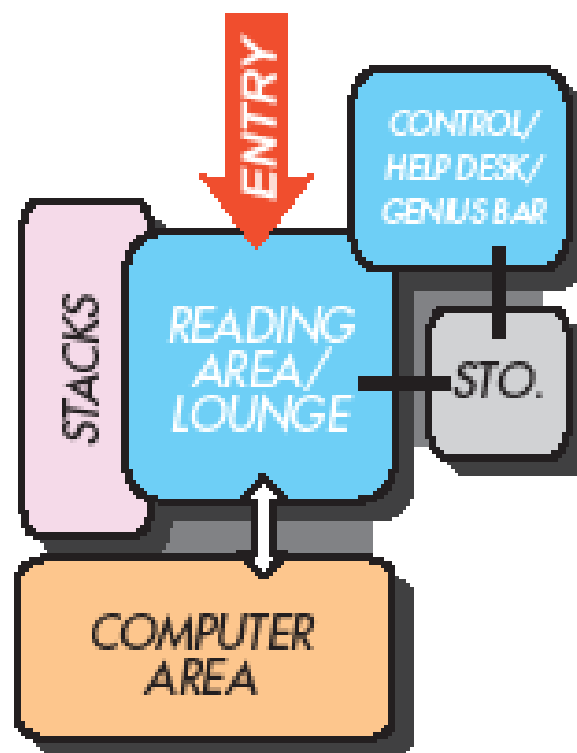
LEARNING COMMONS / MEDIA CENTER



DESCRIPTION / GOALS

- The modern Media Center can become the theoretical hub of a campus and as such, should be accessible to all grade level communities.
- The Media Center can become the social center of campus and not the traditional quiet zone at school.
- The Media Center should be designed to accommodate a wide variety of individual and group activities, research, information access and retrieval, studying and instruction.
- The Media Center needs to be inviting, user friendly and flexible.
- Book collections are still an important part of an elementary school so significant space must be provided to accommodate stacks.
- The Reading Lounge should be adjacent to and open to the stack area. This area should provide a variety of seating options which would include traditional chairs at tables, but should also include non-traditional soft-type seating and lounging options.
- The Genius Bar, like in Apple stores, is a relatively new concept in schools and serves as a help desk for students.
- The Media Center will be the central hub for extra chrome book storage and carts. There should be an area in the teacher workrooms at the neighborhoods for secure storage of chrome book carts during the school year.

ADJACENCY DIAGRAM



ROOM TYPE:

CONTROL / IT HELP DESK

SIZE:

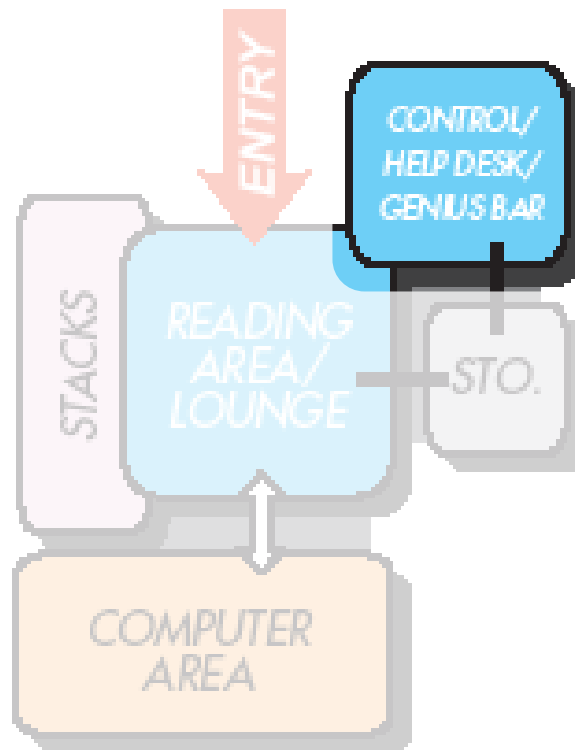
OCCUPANTS: Varies

ACTIVITIES AND USES

Information resource for students/staff, including needing help with their electronics and checking out books.

SUPPORT SPACES

- None



BUILDING SYSTEM REQUIREMENTS

MECHANICAL

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

ELECTRICAL / LIGHTING

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

DOORS / WINDOWS

- Skylights acceptable
- Window coverings as required to control glare and to darken space
- Ability to lock down door at Media Center entry
- Keyless electronic lock access at entry doors

FURNITURE / EQUIPMENT/ MILLWORK

- Stools for 2-3 visitors at help desk
- (2-3) desktop computer workstations
- TV monitor display located behind help desk
- TV monitor wall-mount bracket
- Clock
- Circulation/help desk millwork for (2) staff workstations
- Book theft detection system at entry doors
- Book drop, lock

SPECIAL CONSIDERATIONS

- 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
- Ceiling material: acoustic ceiling tile; 9'-0" AFF min.
- Floor material: carpet tile¹

TECHNOLOGY

- Refer to the "District Wide Instructional Technology Plan" for school campus requirements
- Telephone/intercom handset, VoIP at help desk
- Intercom speaker
- Hard-wired data outlet for network connectivity to accept online streaming of announcements, presentation of art, campus map and/or sustainability features
- 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
- Speaker system with volume control

ROOM TYPE:

READING AREA / LOUNGE

SIZE: 960 sf

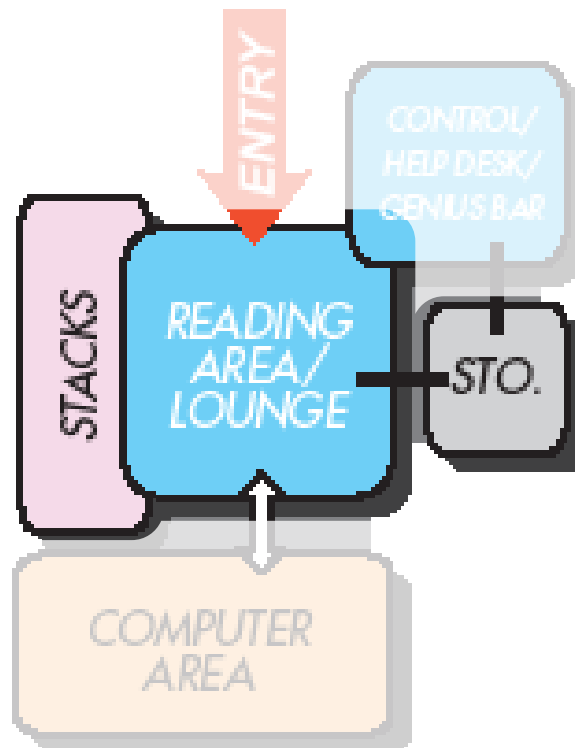
OCCUPANTS: Varies

ACTIVITIES AND USES

Individual and group use by students, staff, and the community for general reading, research, information access and retrieval, studying, and library/information literacy instruction. Activities within the Media Center will include housing of print and non-print collections, charging and discharging of instructional and informational materials, distribution/storage/charging of laptop computers, general reading, quiet studying, reference material/consultation, etc. Area should have a Starbucks feel and feel comfortable.

SUPPORT SPACES

- Stacks: 800 sf
- Storage: 120 sf (space for storage of Chromebooks and carts)



SPECIAL CONSIDERATIONS

- Ceiling material: acoustic ceiling tile, painted gypsum board, and/or painted exposed structure
- Wall material: Various materials acceptable, tackable wall surfaces for display
- Floor material: carpet tile, linoleum product, or sealed concrete
- 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
- Flexible media center space with accommodations for relocation/reconfiguration of study seating and stacks areas
- Inviting, public/student-friendly atmosphere, learning commons, student union, Starbucks atmosphere



DOORS / WINDOWS

- Natural light and views desirable
- Acceptable for supervision from office/work support areas
- Skylights acceptable
- Ability to lock down door
- Keyless electronic lock access

FURNITURE / EQUIPMENT/ MILLWORK

- Shelving for approx. 14000 volumes print material (5-high shelving), 2200 volumes reference (3-high shelving), periodical display shelving for (40) titles.
- (6-8) 4-person rectangular work/study tables (24-32) students
- (2-3) groups of soft casual seating

- (1) 80” Wall-mount TV monitor display for
- Laptop computer cart (24 computers)
- Book theft detection system at entry doors
- Secure storage/charging of laptop computers, locks (verify locations)
- Tackable wall surfaces and display cases for display of media materials and student work

BUILDING SYSTEM REQUIREMENTS

MECHANICAL

- Independent temperature control of area within flexible range set by district’s EMS system

ELECTRICAL / LIGHTING

- Wall and floor outlets for maintenance, general room and instructional technology needs. Charging outlets for student Chromebooks and iPads.
- Segregated power with transient voltage surge suppression
- Glare reducing lenses
- Lighting: per IES Lighting Handbook guidelines

TECHNOLOGY

- Refer to the “District Wide Instructional Technology Plan” for school campus requirements
- Intercom speakers
- Hard-wired data outlet for network connectivity to accept online streaming of announcements and other resources needed for classroom instructions, stage performances, and transmitting to on-campus or off-campus locations
- Local area network connectivity for the charge desk, carrels, table, and computer workstations
- Wireless access capable for most computer communications/applications

ROOM TYPE:

COMPUTER AREA

SIZE: 500 sf

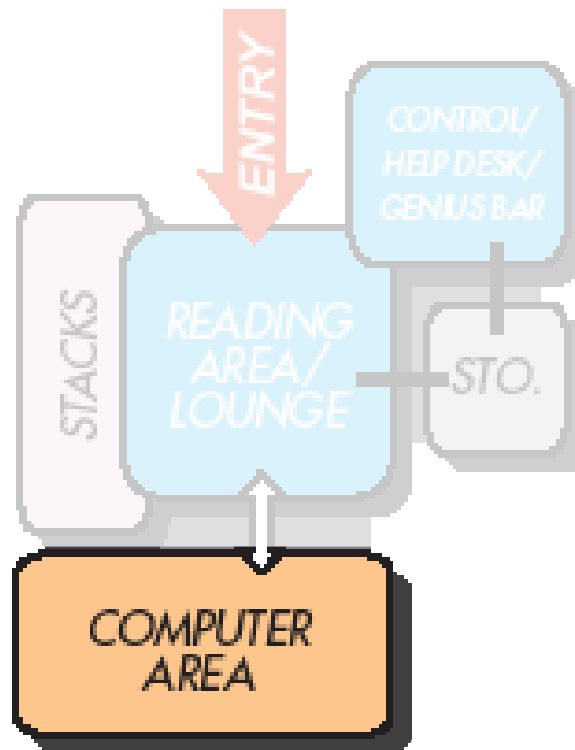
OCCUPANTS: Varies

ACTIVITIES AND USES

Computer supported instruction and exploration to include lecture, demonstration, discussion, individual and small group cooperative and collaborative learning. Printing of student work and studying at certain times of day.

SUPPORT SPACES

- None



BUILDING SYSTEM REQUIREMENTS

MECHANICAL

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

ELECTRICAL / LIGHTING

- Wall and floor outlets for maintenance, general room and computer workstations, printer, charging outlets for student chrome books and iPads.
- Segregated power with transient voltage surge suppression
- Glare reducing lenses
- Lighting: per IES Lighting Handbook guidelines

TECHNOLOGY

DOORS / WINDOWS

- Natural light and views desirable
- Acceptable for supervision from Control/Help Desk
- Skylights acceptable
- Keyless electronic lock access

FURNITURE / EQUIPMENT/ MILLWORK

- (1) 80" TV monitor display w/wall-mount bracket
- Printer station
- Instructor podium station
- Marker wall
- (34) chairs
- (17) computer desks for two, workstations that hold C.P.U. below work surface

SPECIAL CONSIDERATIONS

- Ceiling material: acoustic ceiling tile, painted gypsum board, and/or painted exposed structure
- Ceiling height: varying
- Wall material: Various materials acceptable, tackable wall surfaces for display
- Floor material: carpet tile, linoleum product, or sealed concrete
- 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
- Flexible media center space with accommodations for relocation/reconfiguration of study seating and stacks areas
- Inviting, public/student-friendly atmosphere, learning commons, student union, Starbucks atmosphere

- Refer to the "District Wide Instructional Technology Plan" for school campus requirements
- Telephone/intercom handset, VoIP
- Intercom speakers
- Hard-wired data outlet for network connectivity to accept online streaming of announcements and other resources needed for classroom instructions, stage performances, and transmitting to on-campus or off-campus locations
- Local area network connectivity for computer workstations and printer locations
- Wireless access capable for most computer communications/applications
- Speaker system with volume control