

EDUCATIONAL ADEQUACY ASSESSMENT

School: High School

Capacity of Building:
1,675 students (based on building sq. ft.)
1,729 students (functional design capacity)

Enrollment: 1,455 Students

Site Area: Campus = 39.6 acres
Based on current enrollment = 45 acres

Configuration: Grades (9-12)

Date of Assessment: October 28th, 2013

Staff: 135

Evaluator(s): Abie Khatchadourian (EUA)

The following assessment analyzes your facility with respect to how it supports the needs of Students and Educators to support 21st century Education. Special emphasis is placed on how your facility can support the development of the following 21st Century Skills your students will need to compete in a global environment:

A Critical Thinker

A Problem solver

An Innovator

An Effective Communicator

An Effective Collaborator

A Self Directed Learner

Information and Media Literate

Globally Aware

Civically Engaged

Financially and Economically Literate

A facility and its infrastructure can have a large impact supporting educators to develop these skills (*italicized items above*) thru additional information and communications technologies, flexible areas that support small group collaboration, areas which support long term individual/team projects and spaces which support partnerships with your local business community.





The High School Site

North ↑

SITE – GENERAL

EXISTING CONDITIONS

- Size of campus.
 - The size of the current campus is 50 acres (google earth). The acreage is roughly the same as recommended by national guidelines (refer to Section 2) and all necessary academic and athletic functions are housed on site.
- Grounds, Parking Lot and athletic areas.
 - Site access is fair, though there are challenges for site circulation/traffic flow.
 - There is a sufficient amount of parking provided on the site for a typical school day and events.
 - The grounds are in good condition and well maintained.
 - Parking and driving lanes are in good condition.
 - Vehicular circulation is via Appleton Avenue to the south then to Woosencraft Drive northward along the stadium and parking area. This drive terminates in the east/west Titan Drive; along the east side of the site Titan Drive becomes Merrimac Drive northbound and connects with Franklin Drive (east/west) along the north side of the site. Ben Franklin Elementary School is to the west of the High School across practice athletic fields.
 - Space for athletic playing fields includes:
 - (1) Football field with 8-lane, 400m track, shot-put and discus.
 - (2) Football practice fields.
 - (1) Baseball diamond.
 - (1) Soccer practice/competition field.
 - (8) fenced-in tennis courts.

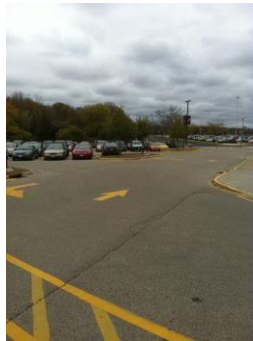
RECOMMENDATIONS

1. Consider site directional signage for way finding.

SITE – SAFETY



Parking/fire aisle adjacent to school



Parking directional striping

EXISTING CONDITIONS – HIGH SCHOOL

- Bus drop off is south bound on Merrimac which means students can get off buses adjacent to curbside sidewalks and walk west ward to school safely.
- Parents drop off north bound on Merrimac resulting in those students having to cross the street and bus traffic.
- Parents are encouraged to use Titan Drive at the south of the school to drive westward then drop off students in a manner which permits safe travel on foot northward towards the school within the parking lot sidewalk.
- Sophomore and Junior drivers are permitted to park east of the stadium in the stadium parking lot. Seniors are permitted to park in the south east lot just south of the school.
- Faculty/staff parking is at the south west and just west of senior class student parking.
- Site lighting appears to be sufficient.
- Deliveries are required to use the north side of the building where the kitchen and cafeteria are located.

RECOMMENDATIONS

1. Consider site signage for drop off and parking areas.



Parking/building transition



Walk areas near main entrance



Gym at south west side

EXISTING CONDITIONS – HIGH SCHOOL

- Size of site.
 - The size of the current site is 50 acres (google earth). The acreage is roughly the same as recommended by national guidelines (refer to Section 2) and all necessary academic and athletic functions are housed on site.
- Grounds, Parking Lot and athletic areas.
 - There is a sufficient amount of parking provided on the site.
 - The grounds are in good condition and well maintained.
 - High school is located relatively far from the football and track facilities.
 - Football, Soccer, Track & Field, Tennis and Baseball are accommodated on site.

RECOMMENDATIONS

1. Consider aligning soccer fields to be parallel to each other and fence this area in.
2. Consider artificial turf at Football stadium for increased use; include storm water management calculations as impervious area and runoff will increase. Budgets for such a project need to include storm water management changes and costs.
- Consider providing additional bleacher capacity for the football/track stadium.
3. Add permanent restrooms and team rooms for football/track stadium.
4. Add concessions building with water and sewer,
5. Add a scoreboard replacement at Trenary Field.
6. Consider adding two softball fields with fencing on HS campus.

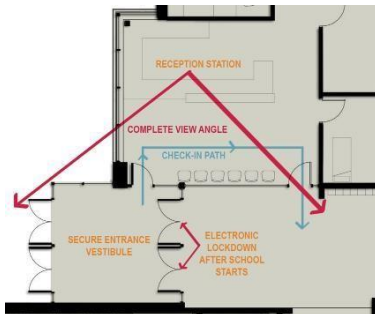
SECURE ENTRANCE

EXISTING CONDITIONS

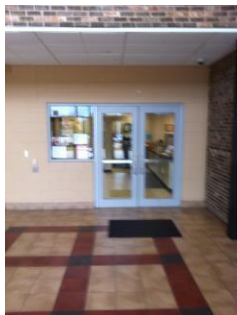
- Main Entry Sequence.
 - Main entry is located in the vicinity of the visitor, staff and senior student's parking lot.
 - Main entrance is open before school and is locked once school day begins.
 - Visitors to the school after the day begins are greeted by a combined buzzer with camera. Visitors are allowed to enter the exterior doors by magnetic device but the view from the main office to the exterior doors is only marginally supervised.
 - Receptionist has a very limited line of site visual line-of-site to a person buzzing in.
 - Guest has uncontrolled access to school after entering primary doors.
 - Interior reception is physically connected to entrance.
- Secondary Entries.
 - All other exterior doors are manually locked during the day.
 - Perimeter exits are not monitored electronically (open and closed status).
- ADA Accessibility
 - Main building entry is accessible as are other entrances.
- Compartmentalization
 - The school is can be compartmentalized to secure and lock down portions during nighttime activities.



Inside main entrance.



Recommended secure entry sequence.

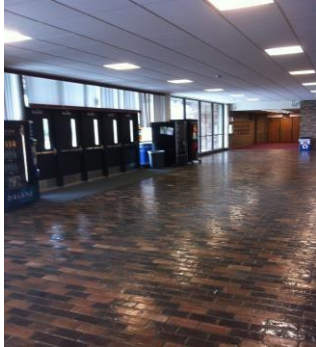


Doors to Reception Area in Secure Entrance Vestibule

RECOMMENDATIONS

1. Consider adding electronically controlled locks so that entries can be monitored and controlled from a central location.

LOBBIES, CORRIDORS, COMMONS SPACES



Wide pre function lobby

EXISTING CONDITIONS

- Corridor circulation is a series of “racetrack” sections.
 - Corridor width varies. Typical width is approximately 12-14’.
 - Current locker count: 1,665/ 1,455 enrollment.
 - School interior is fully handicapped accessible.
- Common areas for student socialization.
 - The cafeteria provides space and areas to sit when not acting as a dining area.
- Lobbies/commons large enough to support groups.
 - The cafeteria serves as a student commons space.
 - The corridors do not accommodate areas for breakout space, and visibility from classroom is limited.

RECOMMENDATIONS

1. Consider a review of interior design features on commons area blank walls (see photo to left) to add visually stimulating impact.



Commons area round table seating



Display Case

GENERAL BUILDING CONSIDERATIONS

EXISTING CONDITIONS

- Student Display Opportunities
 - There are multiple areas throughout the school for student display.
 - There are display cabinets located throughout the school.
 - Tack boards have been provided in classrooms and some corridor/public locations.
 - Local Fire Department regulations limit the placement of combustibles on walls.
 - Wall surfaces are also used for display in classrooms.
- Student storage.
 - Student storage occurs in the corridor with full-height lockers, typically on one side.
- Teacher storage.
 - Most dedicated rooms for storage are assigned to Science, Technical Education or Athletics.
 - Teacher storage within the classrooms is adequate.
- Restroom Accommodations.
 - All of the restrooms in the school are handicapped accessible.
 - There are restrooms close to the main entrance.
 - The staff has (2) toilet rooms in the administration area.
- Visually stimulating environment
 - Corridors and classrooms incorporate a universal color scheme based on school colors.
 - Natural light and views to the outside are provided in most spaces
 - Some internalized rooms have no exposure to the exterior
 - Condition of school is well kept and in good condition.
- Collaborative environment.
 - There are several spaces throughout the school for students and staff to meet to support academics.

RECOMMENDATIONS

1. Consider repurposing underutilized spaces into collaborative environments. This may require purchasing furniture systems designed for group work and collaboration.



Student Services Department



Student Services Reception

ADMINISTRATION / STUDENT SERVICES

EXISTING CONDITIONS

- Location within building.
 - Primary Administration Area is located central to the building, adjacent to the main entrance.
 - Area includes Reception/secretary, Principal office, Conference, Pupil Services, Psychologist, Athletic Director, Nurse/Health area, Records, a group room & Staff resources (storage/workroom).
 - Guidance/Student Intervention is not located within the main administration, rather is near the Library.
 - There is a group room to meet with parents or students.
- Access for students and staff.
 - Reception, Primary Administration, and Guidance/Student Services are readily accessible to students and staff.
- Size and Functionality.
 - Reception
 - Reception provides a secure entrance to school.
 - A physical line-of-sight to the main entrance is severely limited.
 - Main Door to Administrative area occurs from within school, and provides no control after visitor is admitted.
 - Reception counter is not accessible for those in a wheelchair due to the height of the counter being over 30". (It is stand up height at 40").
 - Size of area is adequate.
 - Health room
 - Size of area is not quite adequate, as there is only one cot. The room has a sink and counters and single occupancy toilets next to the room.
 - Primary Administration Area.
 - Natural light is adequate.
 - Guidance/Student Services.
 - Area has a small private area for confidentiality, in addition to private offices.

RECOMMENDATIONS

1. Administration / Student services area is adequate.



Second floor staff workroom

STAFF RESOURCE AREAS EXISTING CONDITIONS

- Location within building.
 - Staff lounge is located across the hall from the main administration area
 - Staff work room is on the second floor of the building.
 - Administrative workroom is disjointed from the reception area.
- Size and Functionality.
 - There are two staff lounges.
 - Size of staff workroom area is more than adequate. Storage is adequate and workspace is functional. This area should be reviewed for reconfiguration as there is available space for other much needed uses; see recommendations below.

RECOMMENDATIONS

1. Staff lounge and work room are adequate.
2. Consider reconfiguration of the Second Floor large teacher work space to support either large group instruction, full staff work stations for (85), or potential breakout spaces from classrooms as there are no breakout spaces in the school at this time. Review code exiting for the new potential capacity.



Special Education



Special Education

STUDENTS WITH DISABILITIES

EXISTING CONDITIONS

- Location within building. This page needs review and input by SDMF.
 - Special Education Room 161 has 1,495 sf.
 - Special Education Room 163 has 1,449 sf.
 - Special Education Room 132 has 736sf.
 - There are no spaces dedicated to PT, OT?
- Size of space
 - Areas for students who have Learning Disabilities are adequate.
 - Area for Emotionally Disturbed students is adequate.
 - Area for students who are Cognitively Disabled is adequate.
 - Psychologist office provides space for one-on-one consultation only. (There is a small group room nearby).
- Adequacy for current educational delivery system.
 - Special Education provides options for one-on-one conferencing and small group activities. If privacy is required, small group spaces are nearby.
 - Heavy furniture does not promote flexibility and reconfiguration.
- Additional comments.
 - All spaces lack daylight or views to the outside.

RECOMMENDATIONS

1. Consider adding spaces to accommodate PT and OT.
2. Consider different furniture that is lightweight and flexible and easy to reconfigure.

GENERAL CLASSROOMS



Typical classroom



Typical classroom

EXISTING CONDITIONS

- Location within building.
 - Science classroom instruction spaces are located east of the cafeteria area, with additional science classrooms directly above on the second floor. General classrooms for English are located to the north and are on two floor levels as well. The Second Floor general classrooms consist of Math, Business, Social Studies and Language classrooms.
- Size of space.
 - Classroom sizes range from 729 to 959sf, though a few rooms such as one for business are larger at 1,125sf.
 - Science classrooms range from 1,339 to 1,372sf.
- Adequacy for current educational delivery system.
 - Borrowed lite windows are not typically provided on the interior corridor walls for most rooms, and in general, visibility to spaces outside classroom is limited.
 - Whiteboards and projection screens are typically provided in the classrooms.
 - Smart boards are provided in the general classrooms.
 - Typical classroom furniture is outdated (lecture mode desks only) making it difficult to reconfigure for active learning groupings.
 - There are currently few places for collaboration outside classrooms.
 - There is no connectivity between general classrooms, which does not allow larger group configurations or team teaching.

RECOMMENDATIONS

1. Consider furniture systems that would allow for increased classroom flexibility.
2. Consider renovating walls between classrooms to allow for a large group (two class) configuration. Larger spaces can support team teaching and alternative educational delivery methods.
3. Consider increasing transparency between the classrooms and corridors to ensure supervision of breakout areas. This would be possible if the building is fully equipped with an automatic fire sprinkler system, as in the absence of that corridor walls need to be one hour fire rated. (Please note that the newer areas of the building are equipped with fire sprinkler systems.)
4. Consider break out collaboration areas to be created in the large 2nd Floor current teacher work areas which have room to spare. Review code requirements for capacity in that planning.

SCIENCE CLASSROOMS

EXISTING CONDITIONS

- Location within building
 - There are (12) Science rooms located in the Southern portion of the building, with (6) rooms on the First Floor and (6) rooms on the Second Floor.
- Size of spaces.
 - Physics room 104 is 1,339sf.
 - Physics room 108 is 1,347sf.
 - Physics room 109 is 1,362sf.
 - Physics room 115 is 1,364 sf.
 - Physics room 117 is 1,362sf.
 - Earth & Space room 116 is 1,363sf.
 - Biology room 200 is 1,381sf.
 - Biology room 204 is 1,352 sf.
 - Biology room 206 is 1,316sf.
 - Chemistry room 212 is 1,355sf.
 - Chemistry room 213 is 1,368sf.
 - Biology room 214 is 1,372sf.
 - Science classrooms are typically designed to be 1200-1400 square feet depending on student population and lab type, thus these rooms meet space requirements.
- Adequacy for current educational delivery system.
 - Smart boards are provided in the Science rooms.
 - Science casework with epoxy tops is provided at the room perimeter and peninsulas.
 - Casework is in good condition.
 - Science-type epoxy tables are provided in all rooms.
 - Tables and chairs are not easily reconfigured due to their lecture style design; newer furniture systems permit various collaborative learning groupings and greater flexibility for active learning settings.
 - Science storage is handled in room casework, and a shared storage room between the science classrooms.
 - Shared storage is adequate in size and properly located adjacent to the classrooms.
- Space permits change in educational delivery system.
 - Current configuration of Science classrooms and existing furniture allows for very little change in the future curriculum relative to the classroom discussion areas.
 - Building plan does not allow daylight and views into most of the classroom spaces. This is offset by the fact that science upper casework requires wall surfaces to mount to.



Classroom



Ceiling mounted projector



Fume hood

RECOMMENDATIONS

1. Consider furniture systems that would allow for increased classroom flexibility.
2. Proximity to Math is not adjacent but located nearby which is positive.



TECH. ED. CLASSROOMS

EXISTING CONDITIONS

- Location within building.
 - There are (10) Tech. Ed. Rooms located on the Lower Level of the building, including classrooms, labs, faculty office and storage.
- Size of spaces.
 - Woods Lab 34 has 1,665sf.
 - The lab has three adjacent rooms for storage of 800 sf.
 - Auto Lab 35 has 1,800sf.
 - The lab has a storage and clean work room adjacent of 560 sf.
 - Metals Lab 39 has 2,026sf.
 - The lab has two adjacent spaces for work room and storage of 580 sf.
 - Technology Education room 45 is the PLTW classroom at 1,188sf.
 - Technology Education room 46 has 923sf.
 - Technology Education room 47 has 1,195sf with an adjacent work room.
 - Rooms 46 and 47 have the Faculty office area for Technology Education.
 - Technology Education room 48 has 1,064sf.
 - Small Engines Lab 49 has 724sf.
 - Tech. Ed. classrooms are typically designed to be 1400-1600 square feet depending on student population and lab type
 - Adequacy for current educational delivery system.
 - Current configuration of rooms does not allow for flexibility or change in the future curriculum to PLTW without remodeling.
 - Silo arrangement of teaching spaces does not promote adjacencies for interdepartmental projects, though Tech Ed. is close to Art classrooms which are positive. (ie, Math and Tech. Ed.)



Tech Ed will become PLTW



Computer area



Wood Shop

RECOMMENDATIONS

1. Consider extensive remodeling of this department for Project Lead the Way programming.
2. Consider furniture systems that would allow for increased classroom flexibility.



Foods classroom.



F.A.C.E. Classroom

F.A.C.E. AREAS

EXISTING CONDITIONS

- Location within Building
 - The Family and Consumer Ed spaces are located centrally in the school, just off the Cafeteria and north of Science.
 - FACE areas are relatively close to the school kitchen and pantry which are west across the Cafeteria.
- Size of space
 - Foods Lab 121 (1,330sf)
 - FACE Classroom 125 (1,097sf)
 - FACE Classroom 126 (1,096sf)
- Adequacy for current educational delivery system.
 - Typical classroom furniture is heavy and outdated making it difficult to reconfigure.
 - Foods Lab configuration is a good contemporary layout. Consider use of capture cameras and screens to display instructor cooking.
- Storage
 - There is currently one storage room.

RECOMMENDATIONS

1. Consider furniture systems that would allow for increased classroom flexibility.
2. Consider Foods Lab technology such as a camera and screens to display cooking in real time.

MUSIC AREA

EXISTING CONDITIONS

- Location within building.
 - The Choir Music Room 165, Band/Orchestra Room 168 and Band Room 170, are located on the south east side of the building near the auditorium.
 - Practice rooms and offices are located between the rooms and corridor providing a natural sound buffer, though adjacent to the Media Studies Lab/Community Cable TV Production areas.
- Size of space.
 - Band Room is adequate in size for the student population it serves.
 - Choir room is adequate in size for the student population it serves.
- Adequacy for current educational delivery system.
 - Rooms are adequate.
 - These rooms have access to the exterior via the corridor shared only by these functions.
- Storage.
 - Storage is not adequate.
 - Workshop work space and storage space is very limited.



Band/Orchestra 168



Band Room 170



Instrument storage in classroom

RECOMMENDATIONS

1. None.

AUDITORIUM

EXISTING CONDITIONS

- Location within building.
 - The Auditorium is located to the north of the Band/Music Rooms.
- Size of space.
 - The capacity of the auditorium is 550 and as such provides less than full performing or assembly needs for the high school.
- Adequacy for current educational delivery system.
 - The auditorium is adequate for limited performance and for instructional purposes.
 - Auditorium amenities such as finishes (carpeting, curtains) and systems (lighting and sound) are in need of upgrades.
- Storage.
 - Storage is adequate.



Auditorium: looking at stage



Auditorium: on stage

RECOMMENDATIONS

1. Replace seating.
2. Replace carpeted areas.
3. Replace curtains; add electric operation instead of hand crank for curtains.
4. Provide lighting upgrades and position upgrades.
5. Provide sound system upgrades.

ART



Art room: inflexible furniture



Limited storage



Kilns

EXISTING CONDITIONS

- Location within building.
 - There are (2) Art Rooms located at the Lower Level of the school.
- Size of space.
 - Art Room 28 has 1,562sf. Art Room 30 has 1,510sf.
- Adequacy for current educational delivery system.
 - Furniture is large and inflexible, making room difficult to reconfigure for different types of art and/or presentation/lecture.
- Access to water.
 - One large double-compartment utility sinks is provided for each room. Art rooms typically provide 4-6 clean-up stations to minimize clean-up time waiting.
- Kiln location.
 - There is a dedicated kiln/storage room directly access from and adjacent to room 30. Two electric kilns are provided.
- Storage.
 - Art storage is handled in the room with full-height storage metal shelf units.
- Access to daylight.
 - There a windows to the west side of each of the two rooms. Art is best viewed in natural light from the North.

RECOMMENDATIONS

1. Consider furniture systems that would allow for increased classroom flexibility.
2. Consider more efficient ways of storing items not in use to ease space constraints and reduce clutter.
3. Room 30 has been identified as being humid. Review possible measures to reduce humidity without hurting 3D pottery program.
4. The Ceramics Room (room 30) does not support the desired class sizes. This might be reviewed in conjunction with a major Project Lead the Way renovation of the Lower Level areas.

LIBRARY



Library Entrance



Library



Book Stacks

EXISTING CONDITIONS

- Location within building.
 - The Library is located central to the main teaching areas, on the First Floor of the classroom section surrounded by the corridor to the English classrooms.
 - Centralized location provides good accessibility from the adjacent teaching areas.
- Size of space.
 - Existing space is approximately 7,656 square feet.
 - Space is mostly used for traditional stacks and tables and chairs.
 - Adjacent spaces with direct access from media center include: Learning Lab 133 with 669sf, Composition Lab/Digital Photos Class 139 with 722sf, English Computer Lab 141 with 722sf, and work rooms to the south.
- Adequacy for current educational delivery system.
 - The Library is located in an ideal setting for use by students and readily accessible.
 - There are numerous associated support and related small spaces accessed directly from the media center.
 - Spaces have windows or large door lites to permit supervision.
 - Furniture does not lend itself well to reconfiguration, especially combining together to accommodate larger group activities.
 - The Library has two smartboards and a video screen with projection capabilities.
- Space is available but current furniture and layout do not permit change in educational delivery system
- Access for after school activities.
 - Space is not close to the entrance and is unable to be locked off for after-school community use.
- Storage.
 - There is an adjacent space for media storage.
- Additional comments:
 - The space receives no natural light. There are no views to the exterior landscape.

RECOMMENDATIONS

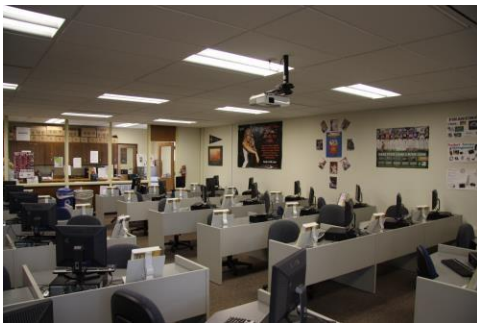
1. Consider reconfiguring fixed furnishings to increase flexibility of space. Attention should be given to controlling paths of circulation.
2. Consider providing flexible furniture and storage systems.
3. Consider restructuring the Library for a more technologically focused delivery system and more large/small group collaboration.
 - a. Consider eliminating most reference materials, and replacing with computer based resources.

- b. Consider replacing some stack areas with electronic reader technology.
 - c. Consider forming a space for large group presentation/assembly with integrated technology available to students (plug-ins for lap-top computers, etc...)
 - d. Consider forming Small group activity/collaboration spaces could be created with a variety of furniture solutions including movable soft furniture options.
4. Consider repurposing some of the adjacent supporting spaces for small conference and breakout uses.
5. Contemporary Library/Media Centers are comfortable for the users, flexible for activities, visually stimulating, and encourage conversation for active learning.

COMPUTER LABS



Computer lab.



Computer lab.



Computer lab.

EXISTING CONDITIONS

- Location within building.
 - There is (1) dedicated general computer lab within the school.
 - The Computer Lab is located east of the Study Hall and south of the Library across the corridor.
- Size of space.
 - The lab at 902sf is a bit smaller than the 1,000sf typically allocated.
- Adequacy for current educational delivery system.
 - Consider phasing out the Computer Lab with the use of the current wireless system in addition to mobile devices such as laptops and tablets. The entire school then becomes a “computer lab” in effect, and the study is integrated into the subject matter class settings.
 - All computer spaces are not flexible – hard-wired, desktop technology means the space is permanently fixed and limited to computer related activities only.
 - Due to the limits of current technology, it is not always economically feasible to implement a wireless environment. However, spaces that do not require a hard data connection for functionality should be wireless to accommodate room flexibility.
 - Computer labs with fixed furniture and equipment configuration do not lend itself well to group work and collaboration.
 - As desktop computers are replaced by personal devices, lab space may become obsolete.
- Space permits change in educational delivery system.
 - Desk-top, hardwired computer labs do not provide the flexibility for collaboration and project based work, or the seamless integration of technology that is anticipated as necessary for future education delivery methodologies.

RECOMMENDATIONS

1. Consider phasing the current computer labs out and replacing this core function with more flexible laptop computers that can be used in the primary education spaces, and integrated into all aspects of the education process.
2. Consider adapting current computer lab space into a more open, flexible, collaboration space that can be used for small group learning and activity space as well as its current computer training function.
3. Contemporary new school facilities are being designed without computer labs.

IT

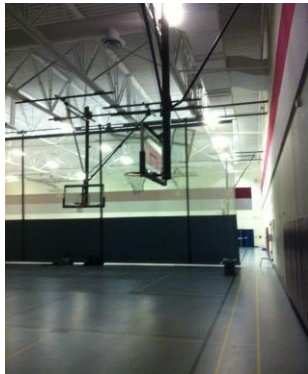
EXISTING CONDITIONS

- Location within building.
 - Wireless infrastructure is set up in HS.
 - When power goes out VOIP phones (voice over IP) do not work.
 - They have a mix of CAT 5 on up and this has to be looked at and budgeted for.
 - Server areas are small and climate control is an issue. Budget for expansion in temperature controls and potential additional IT closet cooling.
- Adequacy for current educational delivery system.
 - Desktops will be replaced by laptops.
 - Laptops will be wireless and at a 1 to 1 ration per student.
 - Outside connectivity for classes for i-Pads will be necessary and include outdoor fields as well as gym spaces.
 - SDMF is working towards a no text book approach.
 - Business Education will include:
 - IT Publishing, Accounting, Marketing
 - Health Care Customer Relationships
 - FACE – Culinary Arts
 - Health Care fields
 - Technology & Engineering Education – Applied Innovation, Materials & Processes, Metals, Wood, Plastics, Advanced Manufacturing.

RECOMMENDATIONS

- Review above items as part of 25 Year District Facilities Study relative to HS and balance of schools.

GYMNASIUM AND ATHLETIC FACILITIES



New Gym



Main Gym



Weight Room

EXISTING CONDITIONS

- Location within building.
 - The New Gymnasium is located at the southwestern end of the school, south of the Cafeteria. The Main Gym is located to the north of the Cafeteria.
 - Current school design allows for the gymnasium to be accessible to the public while the academic areas are locked off with corridor doors.
 - Storage is directly accessed from gym.
 - Additional storage is located adjacent to the gyms, within the athletic wing.
 - Supporting athletic facilities men's and women's locker rooms located on the Lower Level below the Main Gym.
 - There is a Weight Room/Fitness Room 17 located on the Lower Level near locker rooms. There is an Auxiliary Gym located on the First Floor, north of the Main Gym.
- Size of space.
 - The New Gymnasium is approximately 13,300 square feet and houses one competition basketball court and two practice courts in the rotated direction.
 - There are no bleachers.
 - Space clearance at perimeter is adequate.
 - The Main Gym is approximately 14,364 square feet and houses one competition basketball court and two practice courts in the rotated direction.
 - The bleachers are on both sides and can accommodate approximately 1500 spectators.
- Size of locker areas.
 - Locker rooms are adequately sized for both home and visiting team events.
- Adequacy for current educational delivery system.
 - Size and number of teaching stations is adequate for the student population.
 - Gym lacks projection screen for large event or all school presentations.
 - Gyms have good acoustics.
- Space permits change in educational delivery system
 - Multiple different sized spaces (gym, fitness, multi-purpose) allow for flexibility of use.
- Storage and PE office areas.
 - Storage areas are adequate.

RECOMMENDATIONS

1. Consider adding two basketball stations and 160 meter indoor running track to the new gym to create a field house.
 - a. Please note that at least 25,000 square feet need to be added to the existing 13,309sf and optimally 27,000sf if the indoor track is to have seating outside the oval. A field house of 35,000sf does not permit space outside the 160meter track oval for spectators.
 - b. The existing site needs to be reviewed to see how the 27,000sf might fit and what other site amenities this might impact. At a student population of 1,455, review if this is necessary from an academic programming aspect or athletics or both.
 - c. The new gym was constructed in a manner to permit expansion based on the orientation of the roof structure long span joists.
 - d. Please note that the current Main Gym could be re purposed to an Innovation Center for Project Lead the Way and take that function out of the Lower Level with closer proximity to other academic functions.

POOL



Pool

EXISTING CONDITIONS

- Location within building.
 - The Pool is located at the northwestern end of the school, north of the Locker Rooms on the Lower Level of the school.
 - Current school design allows for the pool to be accessible to the public while the academic areas are locked off with corridor doors.
 - Storage is directly accessed from pool.
 - Supporting athletic facilities men's and women's locker rooms located adjacent to the pool to the south, on the Lower Level below the Main Gym.
- Size of space.
 - The Pool room is approximately 10,000 square feet and houses a six lane pool and diving board.
 - There are bleachers on one side; these are in need of replacement due to the corrosive environment in pool rooms.
 - Space clearance at perimeter is adequate.
- Size of locker areas.
 - Locker rooms are adequately.
- Adequacy for current educational delivery system.
 - Size and number of teaching stations is adequate for the student population. Please note that new high school venues have 8 or 9 lanes for competition.
 - Pool room has good acoustics with acoustical tile ceilings. Please note that newer acoustical ceilings have a coating to protect from humidity; these also result in lesser acoustical performance. If the ceiling tile is ever replaced with lower NRC rated tile, then an acoustical analysis is recommended and additional acoustical wall mounted materials need to be considered.
- Space permits change in educational delivery system
 - Multiple different sized spaces (gym, fitness, multi-purpose) allow for flexibility of use.
- Storage and PE office areas.
 - Storage areas are adequate.
 - There is a concern regarding the lack of security doors at the end of the corridor to the pool. Consider adding two doors, one at the men's and one at the women's corridor leading to the pool just past the respective coach/teacher rooms, so as to provide the ability to secure the pool. The doors would be in the direction of travel with panic hardware from the pool outward, thus locking would only be to prevent entry into the pool area. Once in the pool area exiting would be required and met at all times. The doors would have closers.

RECOMMENDATIONS

- Replace pool bleachers.
- Provide stanchions to separate spectators from competitors.
- Provide trench grate to separate on deck drainage from spectator area to competitor area.
- Consider replacement of 1" x 1" tiles.
- Replace ceiling tile with new and verify NRC ratings. Provide study for acoustics and consider wall mounted acoustical attenuation.
- Provide doors at the end of the short corridors in the men's and women's locker areas leading up to the pool room. This will provide access to coach/teacher offices without access to pool. Corridors are short enough so as not to constitute a dead end corridor. Access from pool room will be at all times to the corridor via "push panic" hardware typically used in district facilities such as current gyms.

CAFETERIA / COMMONS



Cafeteria



Cafeteria vending

EXISTING CONDITIONS

- Location within building.
 - The cafeteria is located centrally in the school, near the main entrance.
- Size and Capacity.
 - The cafeteria is approximately 9,915 square feet which allows for approximately 776 seated students.
 - Lunch is (5) periods.
 - Serving line opens into the cafeteria.
- Flexibility.
 - Space is relatively flexible. While space uses collapsible tables, the tables themselves typically do not move unless absolutely necessary.
 - Cafeteria has not outside light.
- Furniture.
 - Cafeteria tables are movable, but remain set up at all times. There is a storage area provided for the cafeteria tables.
- Accessible for community use.
 - Location is well suited for community and after-hour use, with the ability to control access to other parts of the school.

RECOMMENDATIONS

1. Consider improving cafeteria space into a commons and small group spaces to provide area for students to collaborate and socialize both during and after school. Make this space visible and easily monitored. Many schools are providing tall tables to allow students to stand while they eat which encourages socialization and more grown-up atmosphere.
2. Consider flexible furniture options to support point #1 above.

KITCHEN

EXISTING CONDITIONS

- Location within building
 - The kitchen is located adjacent to the Cafeteria to the west.
- Traffic patterns
 - Students enter a single serving line from the cafeteria
 - There is a tray return pass-thru window directly connected to the dishwashing area, and remote from the serving line and pay area.
- Serving area
 - Serving is “a la carte” style, with two serving lines and a double-sided check-out.
- Food Preparation
 - Kitchen functions primarily as cooking kitchen and is the District Kitchen for food preparation as well.
- Delivery access
 - Access to deliveries is nearby and directly into the space.
- Additional Comments
 - Equipment is adequate for food preparation and serving.

RECOMMENDATIONS

1. None

COMMUNITY USES

FUTURE CONSIDERATIONS

- Additional storage
- Family locker rooms by the pool
- Access to shops (wood, auto, metals)
- Auditorium upgrade