

Executive Summary, Educational Committee of Peer Review Group

The objectives for the Educational Committee are:

1. Review Educational Programming Standards of the Master Plan to see how they support the needs of experienced operators in the system now and for the foreseeable future.
2. Identify possible adjustments to the programming segments of the Standards that could make the buildings more efficient and bring the size per student in line with national norms with consideration for growth.
3. Since school buildings are constructed to serve multiple generations of learners, spaces should allow maximum flexibility now and into the future.

The committee reviewed various issues that may affect school size, including:

1. Community use of components such as gymnasium, cafeteria, library, etc.
2. Classroom sized for dual use and future use
3. HVAC/mechanical spaces
4. Decentralized vs. centralized administration
5. Interchangeability of resource rooms, intervention rooms/offices, and conference rooms. Classrooms could potentially be used interchangeably.
6. Dedicated performance auditorium vs. multi-purpose spaces
7. Importance of core academics in the future in New Orleans
8. Location and configuration of parent resource rooms – dedicated space vs. shared space
9. Computer labs vs. laptop carts
10. LEED certification

Findings:

- It is likely that a variety of curricular themes, grade configurations, and program capacities will be accommodated during the 40-plus year life of each school building. Therefore, each building should be planned with maximum flexibility for adaptive use of each space.
- Buildings should be planned and constructed with as much efficiency as possible, without compromising safety and effective program delivery.
- The primary concern expressed by the PK-8 school and high school charter and district operators is the availability of adequate teaching stations to support an effective and efficient educational and financial model. Because issues around capacity were a focus of the committee's work, the group agreed on the following definitions:
 1. Building Capacity is the total number of pupil places with maximum classroom loading and 100% utilization. This is the largest capacity that a building will contain. Building Capacity is expressed as an absolute number.
 2. Core Capacity (number of toilets, size of cafeteria, size of library/media center, etc.) should be planned to equal the Building Capacity.
 3. Program Capacity is the total number of pupil places with consideration for a specific educational program delivery model. The number of teaching stations remains constant; the number of students per teaching station and the percentage of utilization may vary. Program capacity may be expressed as a range.
- Values calculated for both Building Capacity and Program Capacity are intended to represent an average rather than an absolute, minimum, or maximum.
- The committee believes that the program capacity for PK-8 schools that are built and renovated in Orleans Parish should be approximately 750-850 students and contain at least three sections per grade level.

- The committee believes that the program capacity for most high schools that are built and renovated in Orleans Parish should be approximately 650-850 students. A space model has been developed for a larger high school, if the projected capacity requires a larger school enrollment and the site size is adequate to accommodate the program.
- The Committee believes that the updated demographic data and the updated building condition report should be carefully reviewed along with the information in this report to determine how many and what types of buildings may be required in the future. An analysis of existing and proposed building stock may reveal a need to adjust the long-term plan currently in place.

Pre-Kindergarten – Grade 8 Schools

The 2008 Master Plan program model called for two classes or more per grade. The committee believes an effective financial model would require at least three classes per grade. The capacity model the committee created contains two classrooms that could be used for Pre-Kindergarten, four classrooms for Kindergarten, and three classrooms per grade for grades 1-5. For grades 6-8 each grade-level team would consist of English, math, social studies, and science. The group determined that the science teachers could share two science classrooms and one science lab, rather than building three science labs. Since each science classroom would have a sink, hands-on learning and cleanup could occur in all science spaces. The science lab could contain more sinks and a connecting prep/storage room.

PK-8 School Capacity Model

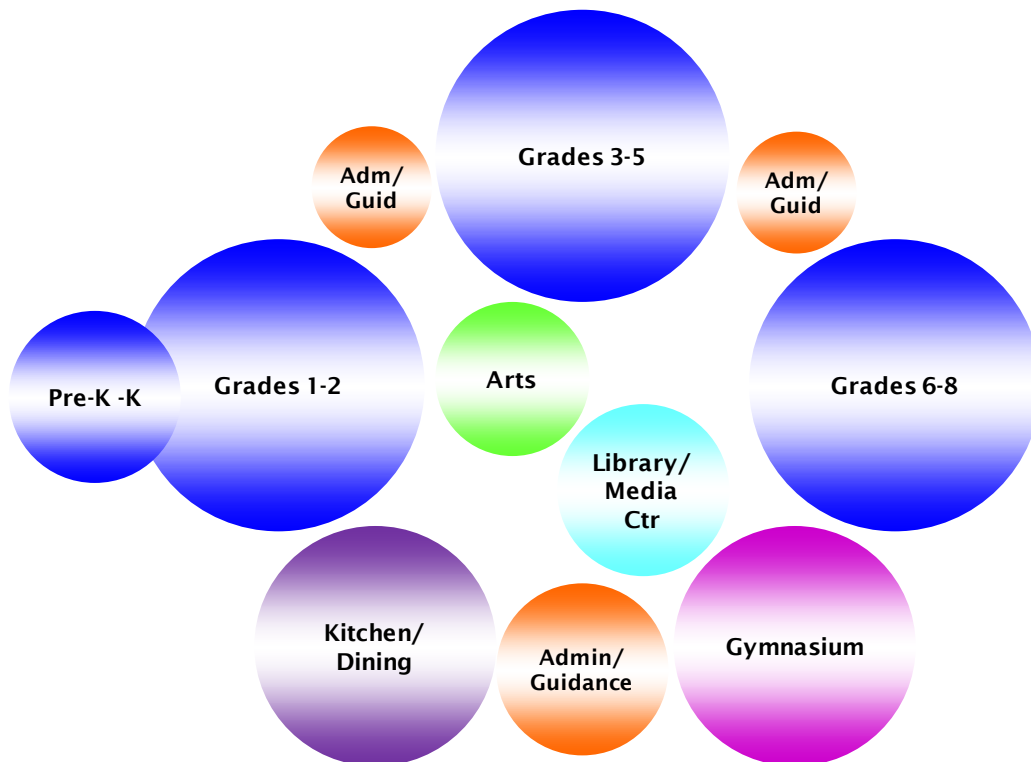
Building Capacity Calculation			
Pre-Kindergarten - Grade 8	# Teaching Stations	# Students/ Teaching Station	Building Capacity
Pre-Kindergarten Classroom	2	20	40
Kindergarten	4	26	104
Grades 1-3 Classroom	9	26	234
Grades 4-5 Classroom	6	33	198
Grades 6-8 Classroom (Eng, Math, SS)	9	33	297
Grades 6-8 Science Classroom	2	33	66
Grades 6-8 Science Lab	1	33	33
Special Education Self-Contained Classroom	2	10	20
Total	35		992

Grade level classrooms are counted as teaching stations for calculating capacity in Pre-K-Grade 8 schools. Since other classes do not rotate into the grade level classrooms while students are at art, music, physical education, etc., there must be enough grade level classrooms to seat the entire student body at one time. Spaces such as art, music, special education resource classrooms, etc., are important for delivering a balanced curriculum, but they do not count as teaching stations that yield capacity.

The following table illustrates the difference in the way that charter operators might populate the 35 teaching stations shown in the Building Capacity table. The likely range of Program Capacity in this PK-8 model is 759-850 students.

Program Capacity - Range			
Pre-Kindergarten - Grade 8	# Teaching Stations	# Students/ Teaching Station	Program Capacity
Pre-Kindergarten Classroom	2	20	40
Kindergarten	4	18-25	72-100
Grades 1-3 Classroom	9	23-26	207-234
Grades 4-5 Classroom	6	24-26	144-156
Grades 6-8 Classroom (Eng, Math, SS)	9	23-25	207-225
Grades 6-8 Science Classroom	2	23-25	46-50
Grades 6-8 Science Lab	1	23-25	23-25
Special Education Self-Contained Classroom	2	10	20
Total	35		759-850

A major consideration in planning a Pre-K-Grade 8 school is appropriate separation of age levels. This can be accomplished through organizing the building as follows:



A metric that is often used to determine building efficiency is “square feet per student” (square feet divided by the number of students), which may be calculated in relation to gross square footage or net square footage. The following table shows the comparison among past, current, and potential future planning models.

PK - 8 Schools	Approx. Net Square Footage	Building Support %	Approx. Gross Square Footage	Approx. Building Capacity	SF/ student (Building Capacity)	Approx. Program Capacity	SF/ student (Program Capacity)
Fannie C. Williams	65,000	47%	95,550	600	159	480	199
2008 Master Plan	58,785	42%	83,475	600	139	480	174
Revised Master Plan*	62,960	51%	95,000	656	145	562	169
Proposed Revision	71,542	50%	107,313	996	108	830	129

*For the purpose of comparison the Approximate Building Capacity and Approximate Program Capacity for the Revised Master Plan were calculated using the same number of students per teaching station as the Proposed Revision.

The proposed model contains two early childhood spaces for each school. If the provider’s program does not include an early learning cohort, the spaces could be used for kindergarten, special education, or other grade levels.

Proposed PK-8 Summary of Spaces

	Summary of Proposed Spaces	
	TS	Total
Core Academic Area	33	33,475
Special Needs	2	1,900
Library/Media Center	0	4,275
Visual Arts	0	1,450
Career Technology Space Requirements	0	2,600
Physical Education Space Requirements	0	12,095
Music/Performing Arts	0	1,550
Welcome Center/Administration Space Requirements	0	3,400
Food Service Space Requirements	0	9,647
Custodial/Maintenance Space Requirements	0	1,150
Total Net	35	71,542
Building Support = 50% (includes corridors, group restrooms, wall thicknesses, stairwells, elevators, mechanical rooms, electrical rooms, data rooms, telecommunications/ server room, custodial closets, etc.)		35,771
Total Gross		107,313

Proposed PK-8 Square Feet Per Student

	# of students (rounded)	Gross SF/student
Building Capacity	992	108
Program Capacity	759-850	141-126

Details of the PK-8 capacity models and space requirements have been included in an appendix.

High Schools

The committee has developed two different size models for high schools. While there may be a need for a larger high school model, it seems that most future high schools are more likely to require a smaller program capacity.

Due to differences in educational program delivery and utilization, high school capacities are calculated differently than elementary schools. Building capacity, core capacity, and program capacity are defined in the same way, but a percentage of utilization is used to calculate program capacity. The percentage of utilization varies, depending on the daily schedule. If a school operates on a 7 period day and the teachers are in their classrooms during their planning periods, the maximum potential utilization of each classroom is approximately 85%. If the school operates on a 4 period day and teachers are in their classrooms for planning, the maximum potential utilization is 75%. Since the number of periods per day in high school schedules is currently varied and will likely continue to be varied, several models were developed to establish lower and higher brackets of capacity.

The following table illustrates the comparative building efficiency among past, current, and potential future planning models. Quick Start schools were not included in this analysis because here were only two high schools involved in the Quick Start program, and the programs and sizes of those schools are significantly different.

High Schools	Approx. Net Square Footage	Building Support %	Approx. Gross Square Footage	Approx. Building Capacity	SF/ student (Building Capacity)	Approx. Program Capacity	SF/ student (Program Capacity)
2008 Master Plan	114,305	42%	162,313	1,130	144	960	169
Revised Master Plan	129,445	55%	200,640	1,300	154	1,100	182
High School-Proposed Revision (NO options included) - MODERATE*	73,220	50%	109,830	1,080	102	789	139
Larger HS-Proposed Revision (NO options included) - MODERATE*	92,220	50%	138,330	1,410	98	1,022	135

*"MODERATE" program capacities were used for High School-Proposed Revision and Larger HS-Proposed Revision.

High School

The committee developed the following draft capacity model for the high school. Thirty-three students per teaching station and 85% utilization is probably the most efficient that the model would ever be, yielding a maximum building capacity of approximately 1,080 students (without JROTC). The following table indicates the most likely program capacity values for larger, moderate, and smaller variations on this high school model.

Proposed High School Capacity Model

Most Likely Building Capacity = 1,080 without JROTC

Most Likely Building Capacity = 1,146 with JROTC

Grades 9-12	# Teaching Stations	High Program Capacity	Moderate Program Capacity	Low Program Capacity
Core Academic Classroom (English, Math, Social Studies, World Language)	21	589	500	394
Science Classroom/Lab A	3	84	71	54
Science Classroom/Lab B	1	28	24	18
Special Education Self-Contained Classroom	2	20	20	18
Visual Arts Classroom	1	28	24	19
CTE Classroom	1	28	22	19
Physical Education				
Gymnasium	2	56	51	45
Health Classroom	1	28	26	23
Instrumental Music Classroom	1	28	26	19
Vocal Music Classroom	1	28	26	19
Total	34	918	789	626

JROTC Option	# Teaching Stations	High Program Capacity	Moderate Program Capacity	Low Program Capacity
JROTC Classroom	1	28	24	19
JROTC Learning Center	1	28	24	19
Total HIGH with JROTC	36	974	837	664

Proposed High School Space Summary

	Summary of Proposed Spaces	
	TS	Total
Core Academic Area	25	29,450
Special Needs	2	1,900
Library/Media Center	0	4,700
Visual Arts	1	1,650
Career Technology Space Requirements	1	2,200
Physical Education Space Requirements	3	15,795
Music/Performing Arts	2	3,450
Welcome Center/Administration Space Requirements	0	3,325
Food Service Space Requirements	0	9,600
Custodial/Maintenance Space Requirements	0	1,150
Total Net	34	73,220
Building Support = 50% (includes corridors, group restrooms, wall thicknesses, stairwells, elevators, mechanical rooms, electrical rooms, data rooms, telecommunications/server room, custodial closets, etc.)		36,610
Total Gross	34	109,830
Auditorium Option		
Total Net (Auditorium and Support Areas minus Auditoria Stage)	0	10,250
Building Support		5,125
Total Gross	0	15,375
JROTC Option		
Total Net Classrooms and Support	2	2,720
Building Support		1,360
Total Gross	2	4,080

An option has been included for a School Based Health Clinic In both this and the larger high school model. The School Based Health Clinic is both a school and community resource and should include a separate outdoor entrance and the ability to be secured separately from the rest of the school for evening and weekend use. The square footage shown in these models was provided by the RSD. The committee did not study this issue. However, this option was included for purposes of comparison with buildings that are currently in design.

Health Clinic Option		
Total Net Area	0	3,360
Building Support		1,680
Total Gross	0	5,040

Proposed High School Square Feet Per Student

	With No Options	
	# of students	Gross SF/student
Building Capacity	1,080	102
Program Capacity	918-626	120-175

Details of the high school capacity models and space requirements have been included in an appendix.

Large High School

The committee developed the following draft capacity model for the larger high school. Thirty-three students per teaching station and 85% utilization is probably the most efficient that the model would ever be, yielding a maximum building capacity of approximately 1,410 students. The following table indicates the most likely program capacity values for larger, moderate, and smaller variations on this high school model.

Proposed Large High School Capacity Model

Most Likely Building Capacity = 1,410 without JROTC

Most Likely Building Capacity = 1,476 with JROTC

Grades 9-12	# Teaching Stations	High Program Capacity	Moderate Program Capacity	Low Program Capacity
Core Academic Classroom (English, Math, Social Studies, World Language)	27	757	643	506
Science Classroom/Lab A	3	84	71	54
Science Classroom/Lab B	2	56	48	36
Special Education Self-Contained Classroom	2	20	20	18
Visual Arts Classroom	1	28	24	19
CTE Classroom	4	112	88	75
Physical Education				
Gymnasium	2	56	51	45
Health Classroom	1	28	26	23
Instrumental Music Classroom	1	28	26	19
Vocal Music Classroom	1	28	26	19
Total	44	1199	1022	813

JROTC Option	# Teaching Stations	High Program Capacity	Moderate Program Capacity	Low Program Capacity
JROTC Classroom	1	28	24	19
JROTC Learning Center	1	28	24	19
Total HIGH with JROTC	46	1255	1070	851

Proposed Large High School Space Summary

	Proposed Space Summary	
	TS	Total
Core Academic Area	32	35,950
Special Needs	2	1,900
Library/Media Center	0	4,700
Visual Arts	1	1,650
Career Technology Space Requirements	4	8,400
Physical Education Space Requirements	3	19,595
Music/Performing Arts	2	3,650
Welcome Center/Administration Space Requirements	0	3,325
Food Service Space Requirements	0	11,900
Custodial/Maintenance Space Requirements	0	1,150
Total Net	44	92,220
Building Support = 50% (includes corridors, group restrooms, wall thicknesses, stairwells, elevators, mechanical rooms, electrical rooms, data rooms, telecommunications/server room, custodial closets, etc.)		46,110
Total Gross		138,330
Auditorium Option		
Total Net (Auditorium and Support Areas minus Auditoria Stage)	0	10,250
Building Support		5,125
Total Gross	0	15,375
JROTC Option		
Total Net Classrooms and Support	2	2,720
Building Support		1,360
Total Gross	2	4,080

Health Clinic Option		
Total Net Area	0	3,360
Building Support		1,680
Total Gross	0	5,040

Proposed Large High School Square Feet Per Student

	With No Options	
	# of students	Gross SF/student
Building Capacity	1,410	98
Program Capacity-HIGH	813-1199	170-115

Details of the high school capacity models and space requirements have been included in an appendix.

Master Plan PK-8 Ed Spec Detail - Proposed Revision

Core Academic Area	Proposed Spaces				Notes
	TS	Qty	SF	Total	
Pre-Kindergarten	2	2	900	1,800	Shared between PK 2 rooms, locking on each side
Restroom/Changing Table		1	75	75	
Kindergarten	4	4	900	3,600	Shared between K 2 rooms, locking on each side
Kindergarten Toilet		2	75	150	
Grades 1-3 Classroom	9	9	850	7,650	
Grades 4-5 Classroom	6	6	850	5,100	
Grades 6-8 Classroom (Eng, Math, SS)	9	9	850	7,650	
Grades 6-8 Science Classroom	2	2	850	1,700	No fume hood
Grades 6-8 Science Lab	1	1	1,200	1,200	
Science Prep/Storage		1	200	200	
Instructional Material/Book Storage		3	300	900	
Work/Meeting Space					
Office/Meeting Space A (1-3 people)		2	150	300	Could be used by Assistant Principal, etc.
Office/Meeting Space B (1-5 people or workstations)		4	200	800	Could be used by Social worker, speech pathologist, guidance, assistive technology, itinerant staff, etc.
Office/Meeting Space C (6-15 people or workstations)		2	425	850	Could be used as Resource Room, pullout space, ESL, etc.
Office/Meeting Space D (16-20 people or workstations)		1	650	650	Could be used by Guidance/records room, etc.
Office/Meeting Space E (17-33 people or workstations)		1	850	850	Could be used by RTI/Special education, workstation/learning resources, etc.
Subtotal	33			33,475	

Special Needs	Proposed Spaces				Notes
	TS	Qty	SF	Total	
Self-Contained Intervention/Accommodation/Transition Classroom	2	2	850	1,700	Centrally located, near Clinic
Restroom/Changing Room		1	100	100	Shared between 2 rooms, locking on each side
Storage		1	100	100	
Total	2			1,900	

Library/Media Center	Proposed Spaces				Notes
	TS	Qty	SF	Total	
Library/Media Center Main Room		1	2,550	2,550	The only fixed elements should be tall perimeter shelving. Space for 2 classes @ 850 sf/class plus low movable shelving, movable circulation desk, soft seating, etc.
Workroom/Storage		1	300	300	Locate with Faculty Lounge
Faculty Lounge & Restrooms		1	500	500	Locate with Workroom/Planning
Professional Development Resource Room		1	850	850	Locate with Lounge/Workroom
Restroom		1	75	75	
Total				4,275	

Visual Arts	Proposed Spaces				Notes
	TS	Qty	SF	Total	
Art Room		1	1,200	1,200	
Storage		1	250	250	
Total				1,450	

Master Plan PK-8 Ed Spec Detail - Proposed Revision

Career & Technical Education	Proposed Spaces				Notes
	TS	Qty	SF	Total	
Computer Lab		2	1,200	2,400	
Storage		1	200	200	
Total				2,600	

Physical Education	Proposed Spaces				Notes
	TS	Qty	SF	Total	
Lobby		1	300	300	
Gym		1	8,880	8,880	50'x84' court w/ 400 bleacher seats & divider curtain. Chairs have to be added to accommodate entire building capacity.
Health Classroom		1	850	850	
Office/Meeting Space B (1-5 people or workstations)		1	200	200	After school program/volunteers (including storage)
PE/Coach's Office		2	120	240	Adjacent to locker rooms with windows
PE/Athletic Storage		1	500	500	Accessible to gym and to outdoors
Locker Room		2	500	1,000	
Laundry		1	125	125	Used for laundering uniforms
Total				12,095	

Music/Performing Arts	Proposed Spaces				Notes
	TS	Qty	SF	Total	
Music Room		1	1,200	1,200	
Music Storage		1	250	250	
Practice Room		2	50	100	
Total				1,550	

Welcome Center/Administration	Proposed Spaces				Notes
	TS	Qty	SF	Total	
Main Entrance Lobby		1	500	500	
Waiting Area/Receptionist/Office Manager/Clerk and/or Secretary		1	650	650	
Office/Meeting Space A (1-3 people or workstations)		1	150	150	Could be used by HR manager, etc.
Office/Meeting Space B (1-5 people or workstations)		4	200	800	Could be used by Principal, Business Manager (incl. 5 filing cabinets), CEO, etc. and/or workstations for Data Specialist, Security, Development/ Fundraising, etc.
Office/Meeting Space C (6-15 people or workstations)		1	425	425	Could be used for meetings, workstations, etc.
Mail/Copy Room/Area		1	250	250	
Administrative Storage		1	150	150	
Restroom		2	75	150	
Health Clinic					
Exam Area		1	125	125	Include stacked washer & dryer in closet
Cot Area		1	100	100	
Restroom/Shower		1	100	100	Include space for cath table
Total				3,400	

Master Plan PK-8 Ed Spec Detail - Proposed Revision

Food Service	Proposed Spaces				Notes
	TS	Qty	SF	Total	
Kitchen					
Preparation Area		1	2,880	2,880	
Serving Area					
Dry Food Storage					
Cooler/Freezer					
Ware Washing					
Kitchen Manager's Office					
Restroom					
Lockers					
Student Commons/Multipurpose Room (333 seats)		1	4,667	4,667	Could seat 1/3 of student building capacity at one time.
Table & Chair Storage		1	250	250	
Stage		1	1,000	1,000	Include folding wall to sound isolate for possible use as a classroom
Theater Storage		1	200	200	
Office/Meeting Space D (16-20 people or workstations)		1	650	650	Could be used for In-School Suspension
Total				9,647	

Custodial/Maintenance	Proposed Spaces				Notes
	TS	Qty	SF	Total	
Receiving/Storage		1	500	500	Could store paper, supplies, furniture, etc.
Maintenance/Repair Area		1	500	500	
Office/Meeting Space A (1-3 people)		1	150	150	Could be used by Facility Manager, Maintenance Director, etc.
Total				1,150	

Master Plan Ed Spec Detail - Proposed Revision - High School

Core Academic Area	Proposed Spaces				Notes
	TS	Qty	SF	Total	
Core Academic Classroom	21	21	850	17,850	
Science Classroom/Lab A	3	3	1,200	3,600	No fume hood
Science Classroom/Lab B	1	1	1,400	1,400	Include fume hood
Science Prep/Storage		2	200	400	
Computer Lab (shared)		1	1,000	1,000	
Instructional Material/Book Storage		3	300	900	
Work/Meeting Space					
Office/Meeting Space A (1-3 people)		2	150	300	Could be used by Assistant Principal, etc.
Office/Meeting Space B (1-5 people or workstations)		5	200	1,000	Could be used by Social worker, speech pathologist, guidance, assistive technology, itinerant staff, etc.
Office/Meeting Space D (16-20 people or workstations)		2	650	1,300	Could be used by Guidance/records room, etc.
Office/Meeting Space E (17-33 people or workstations)		2	850	1,700	Could be used by RTI/Special education, workstation/learning resources, etc. (with folding walls)
Subtotal	25			29,450	

Special Needs	Proposed Spaces				Notes
	TS	Qty	SF	Total	
Special Education Classroom	2	2	850	1,700	Centrally located, near Clinic
Restroom/Changing Room		1	100	100	
Storage		1	100	100	
Total	2			1,900	

Library/Media Center	Proposed Spaces				Notes
	TS	Qty	SF	Total	
Library/Media Center Main Room		1	2,550	2,550	The only fixed elements should be tall perimeter shelving. Space for 2 classes @ 850 sf/class plus low movable shelving, movable circulation desk, soft seating, etc.
Office/Meeting Space C (6-15 people or workstations)		1	425	425	Could be used for career center
Workroom/Storage		1	300	300	Locate with Faculty Lounge
Faculty Lounge & Restrooms		1	500	500	Locate with Workroom/Planning
Professional Development Resource Room		1	850	850	Locate with Lounge/Workroom
Restroom		1	75	75	
Total				4,700	

Visual Arts	Proposed Spaces				Notes
	TS	Qty	SF	Total	
Art Room	1	1	1,200	1,200	
Kiln Room		1	200	200	
Storage		1	250	250	
Total	1			1,650	

Career & Technical Education	Proposed Spaces				Notes
	TS	Qty	SF	Total	
CTE Lab	1	1	2,000	2,000	Consider infrastructure needs for maximum flexibility
Storage		1	200	200	
Total	1			2,200	

Master Plan Ed Spec Detail - Proposed Revision - High School

Physical Education	Proposed Spaces				Notes
	TS	Qty	SF	Total	
Lobby		1	500	500	
Gym	2	1	10,080	10,080	50'x84' court w/ 700 bleacher seats & divider curtain.
Fitness Room		1	850	850	Include machines & free weights
Health Classroom	1	1	850	850	
Office/Meeting Space B (1-5 people or workstations)		1	200	200	After school program/volunteers (including storage)
PE/Coach's Office		2	120	240	Adjacent to locker rooms with windows
PE/Athletic Storage		2	400	800	Accessible to gym and to outdoors
Locker Room		2	800	1,600	
Restrooms/Showers		2	275	550	
Laundry		1	125	125	Used for laundering uniforms
Total	3			15,795	

Music/Performing Arts	Proposed Spaces				Notes
	TS	Qty	SF	Total	
Instrumental Music Classroom	1	1	1,200	1,200	
Vocal Music Classroom	1	1	1,000	1,000	
Uniform Storage		1	400	400	
Instrument Storage		1	500	500	
Music Storage/Library		1	250	250	Shared
Practice Room		2	50	100	
Total	2			3,450	

Welcome Center/Administration	Proposed Spaces				Notes
	TS	Qty	SF	Total	
Main Entrance Lobby		1	500	500	
Waiting Area/Receptionist/Office Manager/Clerk and/or Secretary		1	650	650	
Office/Meeting Space A (1-3 people or workstations)		1	150	150	Could be used by HR manager, etc.
Office/Meeting Space B (1-5 people or workstations)		4	200	800	Could be used by Principal, Business Manager (incl. 5 filing cabinets), CEO, etc. and/or workstations for Data Specialist, Security, Development/ Fundraising, etc.
Office/Meeting Space C (6-15 people or workstations)		1	425	425	Could be used for meetings, workstations, etc.
Mail/Copy Room/Area		1	200	200	
Administrative Storage		1	150	150	
Restroom		2	75	150	
Health Clinic					
Exam Area		1	100	100	
Cot Area		1	100	100	
Restroom/Shower		1	100	100	Include space for cath table
Total				3,325	

Master Plan Ed Spec Detail - Proposed Revision - High School

Food Service	Proposed Spaces				Notes
	TS	Qty	SF	Total	
Kitchen					
Preparation Area		1	2,000	2,000	
Serving Area					
Dry Food Storage					
Cooler/Freezer					
Ware Washing					
Kitchen Manager's Office					
Restroom					
Lockers					
Student Commons/Multipurpose Room (300 seats for student dining)		1	4,200	4,200	Would accommodate approx. 600 chairs for performances
Table & Chair Storage		1	250	250	
Stage		1	1,600	1,600	Include folding wall to sound isolate for use as dance/drama classroom
Dressing Room		2	250	500	Include unisex restroom in each
Theater Storage		2	200	400	
Office/Meeting Space D (16-20 people or workstations)		1	650	650	Could be used for In-School Suspension
Total				9,600	

Custodial/Maintenance	Proposed Spaces				Notes
	TS	Qty	SF	Total	
Receiving/Storage		1	500	500	Could store paper, supplies, furniture, etc.
Maintenance/Repair Area		1	500	500	
Office/Meeting Space A (1-3 people)		1	150	150	Could be used by Facility Manager, Maintenance Director, etc.
Total				1,150	

Auditorium Option	Proposed Spaces				Notes
	TS	Qty	SF	Total	
Performance Seating Area/Orchestra Pit		1	5,600	5,600	500 seats
Control Room		1	250	250	
Stage		1	2,000	2,000	Include folding wall to sound isolate for use as dance/drama classroom
Set Prep/Storage		1	850	850	
Dressing Room		2	450	900	Include unisex restroom in each
Theater Storage		2	200	400	
Tickets/Concessions		1	250	250	
Total	0			10,250	

JROTC Option	Proposed Spaces				Notes
	TS	Qty	SF	Total	
JROTC Classroom	1	1	1,200	1,200	
JROTC Learning Center	1	1	900	900	
JROTC Storage		1	150	150	
JROTC Storage		1	200	200	
JROTC Secure Storage		1	150	150	
JROTC Office		1	120	120	
Total	2			2,720	

Master Plan Ed Spec Detail - Proposed Revision - High School

Clinic Option	Proposed Spaces				Notes
	TS	Qty	SF	Total	
Reception		1	200	200	
Physician Office		1	150	150	
Nurse Office		2	120	240	
Nurse Office		1	200	200	
Social Worker Office		1	150	150	
Health Area		1	250	250	
Counseling Room		1	200	200	
Conference Room		1	250	250	
Triage		1	120	120	
Exam Room		6	120	720	
Lab		1	180	180	
Workroom		1	150	150	
Supply Room		1	140	140	
Closet		1	50	50	
File Storage		1	75	75	
Break Room		1	120	120	
Restroom		3	55	165	
Total	0			3,360	

Master Plan Ed Spec Detail - Proposed Revision - Large High School

Core Academic Area	Proposed Spaces				Notes
	TS	Qty	SF	Total	
Core Academic Classroom	27	27	850	22,950	
Science Classroom/Lab A	3	3	1,200	3,600	No fume hood
Science Classroom/Lab B	2	2	1,400	2,800	Include fume hood
Science Prep/Storage		2	200	400	
Computer Lab (shared)		1	1,000	1,000	
Instructional Material/Book Storage		3	300	900	
Work/Meeting Space					
Office/Meeting Space A (1-3 people)		2	150	300	Could be used by Assistant Principal, etc.
Office/Meeting Space B (1-5 people or workstations)		5	200	1,000	Could be used by Social worker, speech pathologist, guidance, assistive technology, itinerant staff, etc.
Office/Meeting Space D (16-20 people or workstations)		2	650	1,300	Could be used by Guidance/records room, etc.
Office/Meeting Space E (17-33 people or workstations)		2	850	1,700	Could be used by RTI/Special education, workstation/learning resources, etc. (with folding walls)
Subtotal	32			35,950	

Special Needs	Proposed Spaces				Notes
	TS	Qty	SF	Total	
Special Education Classroom	2	2	850	1,700	Centrally located, near Clinic
Restroom/Changing Room		1	100	100	
Storage		1	100	100	
Total	2			1,900	

Library/Media Center	Proposed Spaces				Notes
	TS	Qty	SF	Total	
Library/Media Center Main Room		1	2,550	2,550	The only fixed elements should be tall perimeter shelving. Space for 2 classes @ 850 sf/class plus low movable shelving, movable circulation desk, soft seating, etc.
Office/Meeting Space C (6-15 people or workstations)		1	425	425	Could be used for career center
Workroom/Storage		1	300	300	Locate with Faculty Lounge
Faculty Lounge & Restrooms		1	500	500	Locate with Workroom/Planning
Professional Development Resource Room		1	850	850	Locate with Lounge/Workroom
Restroom		1	75	75	
Total				4,700	

Master Plan Ed Spec Detail - Proposed Revision - Large High School

Visual Arts	Proposed Spaces				Notes
	TS	Qty	SF	Total	
Art Room	1	1	1,200	1,200	
Kiln Room		1	200	200	
Storage		1	250	250	
Total	1			1,650	

Career & Technical Education	Proposed Spaces				Notes
	TS	Qty	SF	Total	
CTE Lab A	2	2	1,200	2,400	
CTE Lab A Storage		1	200	200	
CTE Lab B	1	1	2,200	2,200	
CTE Lab B Storage		1	250	250	
CTE Lab C	1	1	3,000	3,000	
CTE Lab C Storage		1	350	350	
Total	4			8,400	

Physical Education	Proposed Spaces				Notes
	TS	Qty	SF	Total	
Lobby		1	500	500	
Gym	2	1	11,280	11,280	50'x84' court w/ 1000 bleacher seats & divider curtain. Chairs have to be added to accommodate entire building capacity.
Fitness Room		1	850	850	Include machines & free weights
Health Classroom	1	1	850	850	
Office/Meeting Space B (1-5 people or workstations)		1	200	200	After school program/volunteers (including storage)
PE/Coach's Office		2	120	240	Adjacent to locker rooms with windows
Coach's Office		1	300	300	
PE/Athletic Storage		3	400	1,200	Accessible to gym and to outdoors
Training Room		1	300	300	
Locker Room		4	800	3,200	
Restrooms/Shower		2	275	550	
Laundry		1	125	125	Used for laundering uniforms
Total	3			19,595	

Music/Performing Arts	Proposed Spaces				Notes
	TS	Qty	SF	Total	
Instrumental Music Classroom	1	1	1,200	1,200	
Vocal Music Classroom	1	1	1,000	1,000	
Uniform Storage		1	400	400	
Instrument Storage		1	600	600	
Music Storage/Library		1	350	350	
Practice Room		2	50	100	
Total	2			3,650	

Master Plan Ed Spec Detail - Proposed Revision - Large High School

Welcome Center/Administration	Proposed Spaces				Notes
	TS	Qty	SF	Total	
Main Entrance Lobby		1	500	500	
Waiting Area/Receptionist/Office Manager/Clerk and/or Secretary		1	650	650	
Office/Meeting Space A (1-3 people or workstations)		1	150	150	Could be used by HR manager, etc.
Office/Meeting Space B (1-5 people or workstations)		4	200	800	Could be used by Principal, Business Manager (incl. 5 filing cabinets), CEO, etc. and/or workstations for Data Specialist, Security, Development/Fundraising, etc.
Office/Meeting Space C (6-15 people or workstations)		1	425	425	Could be used for meetings, workstations, etc.
Mail/Copy Room/Area		1	200	200	
Administrative Storage		1	150	150	
Restroom		2	75	150	
Health Clinic					
Exam Area		1	100	100	
Cot Area		1	100	100	
Restroom/Shower		1	100	100	Include space for cath table
Total				3,325	

Food Service	Proposed Spaces				Notes
	TS	Qty	SF	Total	
Kitchen					
Preparation Area		1	2,000	2,000	
Serving Area					
Dry Food Storage					
Cooler/Freezer					
Ware Washing					
Kitchen Manager's Office					
Restroom					
Lockers					
Student Commons/Multipurpose Room (450 seats for student dining)		1	6,300	6,300	Would accommodate approx. 900 chairs for performances
Table & Chair Storage		1	250	250	
Performance Area (Delete if Auditorium is added)					
Stage		1	1,800	1,800	Include folding wall to sound isolate for use as dance/drama classroom
Dressing Room		2	250	500	Include unisex restroom in each
Theater Storage		2	200	400	
Office/Meeting Space D (16-20 people or workstations)		1	650	650	Could be used for In-School Suspension
Total				11,900	

Master Plan Ed Spec Detail - Proposed Revision - Large High School

Custodial/Maintenance	Proposed Spaces				Notes
	TS	Qty	SF	Total	
Receiving/Storage		1	500	500	Could store paper, supplies, furniture, etc.
Maintenance/Repair Area		1	500	500	
Office/Meeting Space A (1-3 people)		1	150	150	Could be used by Facility Manager, Maintenance Director, etc.
Total				1,150	

Auditorium Option	Proposed Spaces				Notes
	TS	Qty	SF	Total	
Performance Seating Area/Orchestra Pit		1	5,600	5,600	500 seats
Control Room		1	250	250	
Stage		1	2,000	2,000	Include folding wall to sound isolate for use as dance/drama classroom
Set Prep/Storage		1	850	850	
Dressing Room		2	450	900	Include unisex restroom in each
Theater Storage		2	200	400	
Tickets/Concessions		1	250	250	
Total	0			10,250	

JROTC Option	Proposed Spaces				Notes
	TS	Qty	SF	Total	
JROTC Classroom	1	1	1,200	1,200	
JROTC Learning Center	1	1	900	900	
JROTC Storage		1	150	150	
JROTC Storage		1	200	200	
JROTC Secure Storage		1	150	150	
JROTC Office		1	120	120	
Total	2			2,720	

Master Plan Ed Spec Detail - Proposed Revision - Large High School

Clinic Option	Proposed Spaces				Notes
	TS	Qty	SF	Total	
Reception		1	200	200	
Physician Office		1	150	150	
Nurse Office		2	120	240	
Nurse Office		1	200	200	
Social Worker Office		1	150	150	
Health Area		1	250	250	
Counseling Room		1	200	200	
Conference Room		1	250	250	
Triage		1	120	120	
Exam Room		6	120	720	
Lab		1	180	180	
Workroom		1	150	150	
Supply Room		1	140	140	
Closet		1	50	50	
File Storage		1	75	75	
Break Room		1	120	120	
Restroom		3	55	165	
Total	0			3,360	