

OPTION X2

Yellow Springs K-12

SUMMARY OF SPACES WORKSHEET

CHAPTER 2: BRACKETING

Previously, changes or additions made during the annual update of the Design Manual have been "**bolded and italicized**" for easy identification. Changes have been made to the formulas on this sheet which have not been bolded and italicized. The user is advised to carefully review all information.

WORKSHEET			
Grade Configuration:		Area	
Student Enrollment		K-12	
Enter number of Elementary School students		243	
Enter number of Middle School students		145	
Enter number of High School students		258	
Total Student Enrollment		646	
SF per student			
SF per Elementary School student		130	31,610
SF per Middle School student		157	22,785
SF per High School student		187	48,328
Total Gross Square Feet Funded			102,724
SELECT ONE <input checked="" type="radio"/> Single or Two Story Buildings <input type="radio"/> 3			0
Vert. Cir. Area Allowance (3 Stories or greater)			0
Total Adjusted POR Gross Square Footage			102,724
Program Area		New SF	Exst. SF*
C-AC	Academic Core Spaces	26,310	0
C-SE	Special Education Spaces	5,050	0
C-AD	Administrative Spaces	3,845	0
C-MC	Media Center Spaces	3,320	0
C-VA	Visual Arts Spaces	3,800	0
C-MU	Music Spaces	5,570	0
C-PE	Physical Education Spaces	17,245	0
C-SD	Student Dining Spaces	7,140	0
C-FCS	Family and Consumer Science Spaces	0	0
C-TE	Technology Education Spaces	1,950	0
C-BE	Business Education Spaces	0	0
C-FS	Food Service Spaces	2,476	0
C-CU	Custodial Spaces	500	0
Facility Subtotal:		77,206	0
C-BS	Building Services	24,807	0
Facility Total		102,013	0
Construction Factor (11% multiplied by the facility total)		0.11	na
Actual Gross Square Feet Developed		113,234	0
Minus existing co-funded Oversize Area from Master Plan			0
Adjusted Existing Area			0
Total Adjusted Gross Square Footage Developed (without Oversize Area)			113,234
Difference of GSF developed from GSF allowable			-10,510

See note 1

See note 2

See note 3

Worksheet Summary Notes	
Number	Notes:
Special	Individual spaces are taken from the space plates which are located throughout Chapters 4, 5, and 6. Please see these particular chapters for specific requirements for each space.
1	Vertical Circulation (3 Stories or greater) refers only to the following: Stairways/stairtowers, monumental stairs, elevators, and elevator equipment room.
2	Existing Gross Square Feet taken from master facility plan.
3	Oversize Area also taken from master facility plan.
*	The Existing SF column is used in projects where there are to be building additions or renovations.

CHAPTER 2: BRACKETING

The following school size example illustrates the suggested instructional and support spaces. The example is intended to assist in the planning, design, and development of the summary of spaces.

EXAMPLE - 650 STUDENTS				
Space	Qty	SF	Area	
E-AC-1	Pre-Kindergarten Classroom	1	1,200	1,200
E-AC-1	Kindergarten Classroom	1	1,200	1,200
E-AC-2	Pre-Kindergarten Restroom	1	60	60
E-AC-2	Kindergarten Restroom	1	60	60
E-AC-3	Elementary Classroom	10	900	9,000
E-AC-4	Science/Computer Lab	0	1,000	0
E-AC-5	Teacher Prep Area/Workroom	1	300	300
E-AC-6	Individual Restroom	1	60	60
E-AC-7	Instructional Material Storage	1	200	200
E-AC-8	Small Group Room	0	150	0
E-AC-9	Multi-use Studio	0	1,500	0
E-AC-10	Kinesthetic Learning Studio	1	1,200	1,200
M-AC-1	Middle School Classroom	3	900	2,700
M-AC-2	Project Laboratory	1	1,000	1,000
M-AC-3	Sci/Tech/Eng/Math/Computer Lab	0	1,000	0
M-AC-4	Teacher Prep Area/Workroom	1	300	300
M-AC-5	Individual Restroom	1	60	60
M-AC-6	Instructional Material Storage	1	200	200
M-AC-7	Small Group Room	0	150	0
M-AC-7a	Small Group Room	0	150	0
M-AC-8	Multi-use Studio	0	1,500	0
M-AC-9	Kinesthetic Learning Studio	0	1,200	0
H-AC-1	High School Classroom	4	900	3,600
H-AC-2	Science Classroom - General Physics	1	1,000	1,000
H-AC-3	Science Classroom - Chemistry	1	1,000	1,000
H-AC-4	Science Classroom - Biology	0	1,200	0
H-AC-5	Science Prep	1	300	300
H-AC-6	Teacher Prep Area/Workroom	1	300	300
H-AC-7	Individual Restroom	1	60	60
H-AC-8	Project/Classroom	0	1,100	0
H-AC-9	Small Group Room	0	150	0
H-AC-10	Instructional Material Storage	0	50	0
H-AC-11	Multi-Use Room	0	1,500	0
H-AC-12	Science Laboratory	0	1,000	0
H-AC-9a	Small Group Room	0	150	0
H-AC-13	Multi-use Studio	0	1,500	0
H-AC-14	Kinesthetic Learning Studio	0	1,200	0
Academic Core Total			23,800	

Square Footage Allowance Notes			
Enroll	1	2	3
350-450	300	300	50
451-800	300	300	100
801-1200	400	400	150
1201-1600	400	600	200
Enrollment Determines SF Allowed			

See Note 2- Total ES Enrollment

See Note 3- Total ES Enrollment

See Note 4

See Note 4

See Note 4

See Note 2- Total MS Enrollment

See Note 3- Total MS Enrollment

See Note 4

See Note 4

See Note 4

See Note 1- Total HS Enrollment

See Note 2- Total HS Enrollment

See Note 3- Total HS Enrollment

Academic Core Notes	
Number	Notes:
4	These spaces are provided to encourage the development of student centered learning environments as found in Section 1020. Minimum sizes are: E-AC-8, M-AC-7a, H-AC-9a=150 SF, E/M/H Multi-use Studio=1500 SF, E/M/H Kinesthetic Studio=1200 SF.

Core Academic Worksheet									
Space	New SF			Existing SF			TOTAL SF		
	Qty	SF	Area	Qty	SF	Area	Qty	SF	Area
E-AC-1	Pre-Kindergarten Classroom	0	1,200	0	0	0	0	varies	0
E-AC-1	Kindergarten Classroom	0	1,080	0	0	0	0	varies	0
E-AC-2	Pre-Kindergarten Restroom	0	60	0	0	0	0	varies	0
E-AC-2	Kindergarten Restroom	0	60	0	0	0	0	varies	0
E-AC-3	Elementary Classroom	8	810	6,480	0	0	8	varies	6,480
E-AC-4	Science/Computer Lab	0	1,000	0	0	0	0	varies	0
E-AC-5	Teacher Prep Area/Workroom	1	300	300	0	0	1	varies	300
E-AC-6	Individual Restroom	1	60	60	0	0	1	varies	60
E-AC-7	Instructional Material Storage	1	50	50	0	0	1	varies	50
E-AC-8	Small Group Room	2	150	300	0	0	2	varies	300
E-AC-9	Multi-use Studio	0	1,500	0	0	0	0	varies	0
E-AC-10	Kinesthetic Learning Studio	1	1,200	1,200	0	0	1	varies	1,200
M-AC-1	Middle School Classroom	7	810	5,670	0	0	7	varies	5,670
M-AC-2	Project Laboratory	0	1,100	0	0	0	0	varies	0
M-AC-3	Sci/Tech/Eng/Math/Computer Lab	0	1,000	0	0	0	0	varies	0
M-AC-4	Teacher Prep Area/Workroom	1	300	300	0	0	1	varies	300
M-AC-5	Individual Restroom	1	60	60	0	0	1	varies	60
M-AC-6	Instructional Material Storage	1	50	50	0	0	1	varies	50
M-AC-7	Small Group Room	2	150	300	0	0	2	varies	300
M-AC-7a	Small Group Room	0	150	0	0	0	0	varies	0
M-AC-8	Multi-use Studio	0	1,500	0	0	0	0	varies	0
M-AC-9	Kinesthetic Learning Studio	1	1,200	1,200	0	0	1	varies	1,200
H-AC-1	High School Classroom	7	810	5,670	0	0	7	varies	5,670
H-AC-2	Science Classroom - General Physics	1	1,080	1,080	0	0	1	varies	1,080
H-AC-3	Science Classroom - Chemistry	0	1,200	0	0	0	0	varies	0
H-AC-4	Science Classroom - Biology	1	1,080	1,080	0	0	1	varies	1,080
H-AC-5	Science Prep	2	300	600	0	0	2	varies	600
H-AC-6	Teacher Prep Area/Workroom	1	300	300	0	0	1	varies	300
H-AC-7	Individual Restroom	1	60	60	0	0	1	varies	60
H-AC-8	Project/Classroom	0	1,100	0	0	0	0	varies	0
H-AC-9	Small Group Room	2	150	300	0	0	2	varies	300
H-AC-10	Instructional Material Storage	1	50	50	0	0	1	varies	50
H-AC-11	Multi-Use Room	0	1,500	0	0	0	0	varies	0
H-AC-12	Science Laboratory	0	1,000	0	0	0	0	varies	0
H-AC-9a	Small Group Room	0	150	0	0	0	0	varies	0
H-AC-13	Multi-use Studio	0	1,500	0	0	0	0	varies	0
H-AC-14	Kinesthetic Learning Studio	1	1,200	1,200	0	0	1	varies	1,200
Academic Core Total			26,310	0	0	0	###	###	###

The following school size example illustrates the suggested instructional and support spaces. The example is intended to assist in the planning, design, and development of the summary of spaces.

EXAMPLE - 650 STUDENTS			
Space	Qty	SF	Area
E/M/H-SE-1 Self-contained Classroom	1	900	900
E/M/H-SE-2 Workroom/Conference	1	150	150
E/M/H-SE-3 Restroom/Shower	1	100	100
E/M/H-SE-4 Special Education/Resource	1	900	900
E/M/H-SE-5 Small Self-contained Classroom	1	600	600
Special Education Total			2,650

See Note 1
 See Note 2
 See Note 3

Special Education Worksheet									
Space	New SF			Existing SF			TOTAL SF		
	Qty	SF	Area	Qty	SF	Area	Qty	SF	Area
E/M/H-SE-1 Self-contained Classroom	1	900	900	0	0	0	1	varies	900
E/M/H-SE-2 Workroom/Conference	1	150	150	0	0	0	1	varies	150
E/M/H-SE-3 Restroom/Shower	1	100	100	0	0	0	1	varies	100
E/M/H-SE-4 Special Education/Resource	1	900	900	0	0	0	1	varies	900
E/M/H-SE-5 Small Self-contained Classroom	5	600	3,000	0	0	0	5	varies	3,000
Special Education Total			5,050			0			5,050

See Note 1
 See Note 2
 See Note 3

Special Education Notes	
Number	Notes:
1	Self-contained classroom(s) could 'house' various special education programs including, but not limited to, cognitive disability, emotional disturbance, multiple disabilities, etc.
2	Workroom/Conference could 'house' orthopedic impairment, autism, speech therapy, occupational therapy, and physical therapy.
3	Special Education/Resource could 'house' cognitive disability, hearing impairment, visual impairment, emotional disturbance, orthopedic impairment, autistic, traumatic, brain injury, learning disability, deaf/blindness, etc. See Chapter 1, Section 1110 for more information.

The following school size example illustrates the suggested instructional and support spaces. The example is intended to assist in the planning, design, and development of the summary of spaces.

EXAMPLE - 650 STUDENTS				
Space	Qty	SF	Area	
E/M/H-AD-1 Reception Area	1	300	300	See Notes 1, 2, 3
E/M/H-AD-2 Secretarial Area	1	250	250	See Notes 4, 5, 6
E/M/H-AD-3 Principal's Office	1	150	150	
E/M/H-AD-4 Assistant Principal's Office	1	120	120	
E/M/H-AD-5 Conference Room	1	250	250	
E/M/H-AD-6 Mail/Work/Copy Room	1	200	200	See Notes 7, 8, 9
E/M/H-AD-7 Administrative Storage	1	75	75	See Note 10
E/M/H-AD-8 Vault/Records Storage	1	100	100	See Notes 11, 12, 13
E/M/H-AD-9 In-school Suspension	1	300	300	See Notes 14, 15, 16
E/M/H-AD-10 Restroom	2	60	120	
E/M/H-AD-11 Guidance Counselor's Office	2	120	240	
E/M/H-AD-12 Guidance Records/Storage	1	75	75	See Note 17
E/M/H-AD-13 Guidance Conference Room	1	200	200	See Note 18
E/M/H-AD-14 Parent/Volunteer Room	0	225	0	See Note 19
E/M/H-AD-15 Health Clinic (incl. RR)	1	350	350	See Notes 20, 21, 22
E/M/H-AD-16 Itinerant Personnel Office	1	120	120	
E/M/H-AD-17 Guidance Conf. & Career Ctr.	1	140	140	See Note 23
Administrative Total			2,990	

Administration Worksheet										
Space	New SF			Existing SF			TOTAL SF			
	Qty	SF	Area	Qty	SF	Area	Qty	SF	Area	
E/M/H-AD-1 Reception Area	1	400	400	0	0	0	1	varies	400	See Notes 1, 2, 3
E/M/H-AD-2 Secretarial Area	1	400	400	0	0	0	1	varies	400	See Notes 4, 5, 6
E/M/H-AD-3 Principal's Office	2	150	300	0	0	0	2	varies	300	
E/M/H-AD-4 Assistant Principal's Office	1	120	120	0	0	0	1	varies	120	
E/M/H-AD-5 Conference Room	1	250	250	0	0	0	1	varies	250	
E/M/H-AD-6 Mail/Work/Copy Room	1	300	300	0	0	0	1	varies	300	See Notes 7, 8, 9
E/M/H-AD-7 Administrative Storage	1	150	150	0	0	0	1	varies	150	See Note 10
E/M/H-AD-8 Vault/Records Storage	1	115	115	0	0	0	1	varies	115	See Notes 11, 12, 13
E/M/H-AD-9 In-school Suspension	0	325	0	0	0	0	0	varies	0	See Notes 14, 15, 16
E/M/H-AD-10 Restroom	2	60	120	0	0	0	2	varies	120	
E/M/H-AD-11 Guidance Counselor's Office	3	120	360	0	0	0	3	varies	360	
E/M/H-AD-12 Guidance Records/Storage	2	100	200	0	0	0	2	varies	200	See Note 17
E/M/H-AD-13 Guidance Conference Room	1	200	200	0	0	0	1	varies	200	See Note 18
E/M/H-AD-14 Parent/Volunteer Room	0	300	0	0	0	0	0	varies	0	See Note 19
E/M/H-AD-15 Health Clinic (incl. RR)	1	450	450	0	0	0	1	varies	450	See Notes 20, 21, 22
E/M/H-AD-16 Itinerant Personnel Office	4	120	480	0	0	0	4	varies	480	
E/M/H-AD-17 Guidance Conf. & Career Ctr.	0	400	0	0	0	0	0	varies	0	See Note 23
Administrative Total			3,845			0			3,845	

Refer to SF Allowance Notes on next page

Elementary School Square Footage Allowance Notes						
Student Enrollment	1	4	7	11	14	20
350-400 Students	200	200	200	50	225	300
401-550 Students	300	300	250	65	250	350
551-700 Students	400	400	300	80	300	450
Enrollment Determines SF Allowed						

Middle School or K-6 Square Footage Allowance Notes						
Student Enrollment	2	5	8	12	15	21
350-450 Students	200	200	200	50	200	350
451-600 Students	300	300	250	65	250	400
601-750 Students	400	400	300	80	325	450
Enrollment Determines SF Allowed						

High School or K-12 or 6-12 Square Footage Allowance Notes						
Student Enrollment	3	6	9	13	16	22
350-450 Students	200	200	200	85	200	400
451-800 Students	400	400	300	115	325	450
801-1200 Students	500	500	400	145	450	500
1201-1600 Students	600	600	500	175	575	550
Enrollment Determines SF Allowed						

All Grade Level Square Footage Allowance Notes					
Student Enrollment	10	17	18	19	23
350-450 Students	150	100	150	200	300
451-800 Students	150	100	200	300	400
801-1200 Students	200	200	250	400	500
1201-1600 Students	200	200	250	400	700
Enrollment Determines SF Allowed					

The following school size example illustrates the suggested instructional and support spaces. The example is intended to assist in the planning, design, and development of the summary of spaces.

EXAMPLE - 650 STUDENTS				
Space	Qty	SF	Area	
E-MC-1 Reading Room/Circulation	1	900	900	See Note 1
E-MC-2 Media Specialist Office	0	120	0	
E-MC-3 Workroom/Storage	0	190	0	See Note 2
E-MC-4 Main Control/Equipment Rm	0	300	0	
E-MC-5 Conference Room	0	200	0	
M-MC-1 Reading Room/Circulation	1	525	525	See Note 3
M-MC-2 Media Specialist Office	0	120	0	
M-MC-3 Workroom/Storage	0	150	0	See Note 4
M-MC-4 Main Control/Equipment Rm	0	300	0	
M-MC-5 Conference Room	0	210	0	See Note 5
M-MC-6 Multimedia Production Room	0	400	0	See Note 6
H-MC-1 Reading Room/Circulation	1	700	700	See Note 7
H-MC-2 Media Specialist Office	1	120	120	
H-MC-3 Workroom/Storage	1	210	210	See Note 8
H-MC-4 Main Control/Equipment Rm	1	300	300	
H-MC-5 Conference Room	1	120	120	
H-MC-6 Multimedia Production Room	1	300	300	See Note 11
H-MC-7 Document Storage	1	100	100	See Note 9
H-AC-9 Small Group Room	0	150	0	See Note 10
Media Center Total			3,275	

Media Center Worksheet										
Space	New SF			Existing SF			TOTAL SF			
	Qty	SF	Area	Qty	SF	Area	Qty	SF	Area	
E-MC-1 Reading Room/Circulation	1	700	700	0	0	0	1	varies	700	See Note 1
E-MC-2 Media Specialist Office	0	120	0	0	0	0	0	varies	0	
E-MC-3 Workroom/Storage	0	190	0	0	0	0	0	varies	0	See Note 2
E-MC-4 Main Control/Equipment Rm	0	300	0	0	0	0	0	varies	0	
E-MC-5 Conference Room	0	200	0	0	0	0	0	varies	0	
M-MC-1 Reading Room/Circulation	0	508	0	0	0	0	0	varies	0	See Note 3
M-MC-2 Media Specialist Office	0	120	0	0	0	0	0	varies	0	
M-MC-3 Workroom/Storage	0	150	0	0	0	0	0	varies	0	See Note 4
M-MC-4 Main Control/Equipment Rm	0	300	0	0	0	0	0	varies	0	
M-MC-5 Conference Room	0	210	0	0	0	0	0	varies	0	See Note 5
M-MC-6 Multimedia Production Room	0	400	0	0	0	0	0	varies	0	See Note 6
H-MC-1 Reading Room/Circulation	1	1,200	1200	0	0	0	1	varies	1200	See Note 7
H-MC-2 Media Specialist Office	1	120	120	0	0	0	1	varies	120	
H-MC-3 Workroom/Storage	1	300	300	0	0	0	1	varies	300	See Note 8
H-MC-4 Main Control/Equipment Rm	1	300	300	0	0	0	1	varies	300	
H-MC-5 Conference Room	0	250	0	0	0	0	0	varies	0	
H-MC-6 Multimedia Production Room	1	500	500	0	0	0	1	varies	500	See Note 11
H-MC-7 Document Storage	1	200	200	0	0	0	1	varies	200	See Note 9
H-AC-9 Small Group Room	0	160	0	0	0	0	0	varies	0	See Note 10
Media Center Total			3,320			0			3,320	

Refer to SF Allowance Notes on next page.

Media Center Notes	
Number	Notes:
1	The size of the reading room/circulation space is equal to 10% of the elementary student enrollment multiplied by 30 SF per student.
3	The size of the reading room/circulation space is equal to 10% of the middle school student enrollment multiplied by 35 SF per student.
7	The size of the reading room/circulation space is equal to 10% of the high school student enrollment multiplied by 35 SF per student.

Elementary School Square Footage Allowance Notes	
Student Enrollment	2
350-400 Students	190
401-550 Students	250
551-700 Students	340
Enrollment Determines SF Allowed	

Middle School or K-6 Square Footage Allowance Notes			
Student Enrollment	4	5	6
350-450 Students	150	210	400
451-600 Students	233	280	400
601-750 Students	350	310	400
Enrollment Determines SF Allowed			

High School or K-12 or 6-12 Square Footage Allowance Notes				
Student Enrollment	8	9	10	11
350-450 Students	300	200	160	500
451-800 Students	400	300	260	600
801-1200 Students	500	300	280	700
1201-1600 Students	600	400	330	800
Enrollment Determines SF Allowed				

CHAPTER 2: BRACKETING

The following school size example illustrates the suggested instructional and support spaces.
 The example is intended to assist in the planning, design, and development of the summary of spaces.

EXAMPLE - 650 STUDENTS				
Space	Qty	SF	Area	
E-VA-1 Elementary Art Room	1	1,200	1,200	See Note 1
E-VA-2 Kiln/Ceramic Storage	1	100	100	See Note 2
E-VA-3 Art Material Storage	0	100	0	See Note 3
M-VA-1 Middle School Art Room	0	1,200	0	See Note 1
M-VA-2 Kiln/Ceramic Storage	0	100	0	See Note 2
M-VA-3 Art Material Storage	0	100	0	See Note 4
H-VA-1 High School Art Room	1	1,200	1,200	See Note 1
H-VA-2 Kiln/Ceramic Storage	1	100	100	See Note 2
H-VA-3 Art Material Storage	1	200	200	See Note 5
Visual Arts Total			2,800	

Visual Arts Worksheet										
Space	New SF			Existing SF			TOTAL SF			
	Qty	SF	Area	Qty	SF	Area	Qty	SF	Area	
E-VA-1 Elementary Art Room	1	1,100	1,100	0	0	0	1	varies	1,100	See Note 1
E-VA-2 Kiln/Ceramic Storage	0	100	0	0	0	0	0	varies	0	See Note 2
E-VA-3 Art Material Storage	1	100	100	0	0	0	1	varies	100	See Note 3
M-VA-1 Middle School Art Room	1	1,100	1,100	0	0	0	1	varies	1,100	See Note 1
M-VA-2 Kiln/Ceramic Storage	0	100	0	0	0	0	0	varies	0	See Note 2
M-VA-3 Art Material Storage	1	100	100	0	0	0	1	varies	100	See Note 4
H-VA-1 High School Art Room	1	1,100	1,100	0	0	0	1	varies	1,100	See Note 1
H-VA-2 Kiln/Ceramic Storage	1	100	100	0	0	0	1	varies	100	See Note 2
H-VA-3 Art Material Storage	1	200	200	0	0	0	1	varies	200	See Note 5
Visual Arts Total			3,800			0			3,800	

All Grade Level Square Footage Allowance Notes		
Student Enrollment	1	2
350-450 Students	1200	100
451-800 Students	1200	200
801-1200 Students	1400	200
1201-1600 Students	1400	200
Enrollment Determines SF Allowed. Note 1: 1400 for HS only.		

Elem. School Sq.Ft. Allowance Notes	
Student Enrollment	3
350-400 Students	100
401-550 Students	125
551-700 Students	150
Enrollment Determines SF Allowed	

Mid. School & K-6 Sq. Ft. Allowance Notes	
Student Enrollment	4
350-450 Students	100
451-600 Students	150
601-750 Students	200
Enrollment Determines SF Allowed	

High School & K-12 or 6-12 Sq. Ft. Allowance Notes	
Student Enrollment	5
350-450 Students	200
451-800 Students	300
801-1200 Students	300
1201-1600 Students	300
Enrollment Determines SF Allowed	

The following school size example illustrates the suggested instructional and support spaces. The example is intended to assist in the planning, design, and development of the summary of spaces.

EXAMPLE - 650 STUDENTS				
Space	Qty	SF	Area	
E-MU-1 Music Room	1	1,200	1,200	
M-MU-1 Instrumental Room	0	1,400	0	See Note 1
M-MU-2 Vocal Room	0	1,200	0	
M-MU-3 Music Library	1	200	200	
H-MU-1 Instrumental Room	1	1,800	1,800	See Note 2
H-MU-2 Instrument Storage	1	325	325	See Note 3
H-MU-3 Orchestra Storage	0	200	0	See Note 4
H-MU-4 Instrumental Music Office/Library	0	120	0	
H-MU-5 Uniform Storage	1	150	150	See Note 5
H-MU-6 Vocal Room	0	1,200	0	See Note 6
H-MU-7 Vocal Storage	0	150	0	See Note 7
H-MU-8 Vocal Music Office/Library	0	120	0	
H-MU-9 Ensemble Room	1	200	200	See Note 8
H-MU-10 Practice Room	1	80	80	
Music Total			3,955	

Music Worksheet									
Space	New SF			Existing SF			TOTAL SF		
	Qty	SF	Area	Qty	SF	Area	Qty	SF	Area
E-MU-1 Music Room / Theater Classroom	1	1,200	1,200	0	0	0	1	varies	1,200
M-MU-1 Instrumental Room	0	1,400	0	0	0	0	0	varies	0
M-MU-2 Vocal Room	0	1,200	0	0	0	0	0	varies	0
M-MU-3 Music Library	0	200	0	0	0	0	0	varies	0
H-MU-1 Instrumental Room (3-12)	1	1,800	1,800	0	0	0	1	varies	1,800
H-MU-2 Instrument Storage	1	400	400	0	0	0	1	varies	400
H-MU-3 Orchestra Storage	0	200	0	0	0	0	0	varies	0
H-MU-4 Instrumental Music Library	1	120	120	0	0	0	1	varies	120
H-MU-5 Uniform Storage	0	150	0	0	0	0	0	varies	0
H-MU-6 Vocal Room (3-12)	1	1,500	1,500	0	0	0	1	varies	1,500
H-MU-7 Vocal Storage	1	150	150	0	0	0	1	varies	150
H-MU-8 Vocal Music Library	1	120	120	0	0	0	1	varies	120
H-MU-9 Ensemble Room	1	200	200	0	0	0	1	varies	200
H-MU-10 Practice Room	1	80	80	0	0	0	1	varies	80
Music Total			5,570		0				5,570

Mid. School or K-6 Sq. Ft. Allowance Notes	
Student Enrollment	1
350-450 Students	1400
451-600 Students	1500
601-750 Students	1600
Enrollment Determines SF Allowed	

High School or 6-12 Square Footage Allowance Notes							
Student Enrollment	2	3	4	5	6	7	8
350-450 Students	1800	400	200	150	1200	150	200
451-800 Students	2000	500	250	200	1200	200	300
801-1200 Students	2500	600	250	300	1200	300	300
1201-1600 Students	3000	700	350	300	1500	300	300
Enrollment Determines SF Allowed							

CHAPTER 2: BRACKETING

The following school size example illustrates the suggested instructional and support spaces.
 The example is intended to assist in the planning, design, and development of the summary of spaces.

EXAMPLE - 650 STUDENTS					
Space		Qty	SF	Area	
E-PE-1	Gymnasium	0	0	0	See Note 1
E-PE-2	P. E. Workroom/Storage	0	0	0	See Note 2- Total ES Enrollment
M-PE-1	Gymnasium	1	4,000	4,000	See Note 3
M-PE-2	Auxiliary Gym	0	0	0	See Note 15
M-PE-3	P.E./Athletic Office	0	75	0	
M-PE-4	Staff Shower	0	75	0	
M-PE-5	Student Locker Room	0	0	0	See Note 4- Total MS Enrollment
M-PE-6	Student Restroom/Shower	0	250	0	
M-PE-7	Physical Education Storage	0	0	0	See Note 5
H-PE-1	Gymnasium	1	9,300	9,300	See Note 6
H-PE-2	Auxiliary Gymnasium	0	0	0	See Note 7
H-PE-3	Student Locker Room	2	550	1,100	See Note 8
H-PE-4	Student Restroom/Shower	2	200	400	See Note 9
H-PE-5	Physical Education Storage	1	400	400	See Note 10- Total HS Enrollment
H-PE-6	P.E./Athletic Office	2	75	150	
H-PE-7	Staff Shower	2	75	150	
H-PE-8	Athletic Director's Office	0	120	0	
H-PE-9	Lobby Services	1	100	100	See Note 11
H-PE-10	Training Room	1	200	200	See Note 12
H-PE-11	Physical Health Classroom	0	0	0	See Note 13
H-PE-12	Multi-use P.E. Room	0	1,200	0	See Note 14
Physical Education Total				15,800	

Physical Education Worksheet											
Space		New SF			Existing SF			TOTAL SF			
		Qty	SF	Area	Qty	SF	Area	Qty	SF	Area	
E-PE-1	Gymnasium	1	3,500	3,500	0	0	0	1	varies	3,500	See Note 1
E-PE-2	P. E. Workroom/Storage	1	200	200	0	0	0	1	varies	200	See Note 2- Total ES Enrollment
M-PE-1	Gymnasium	0	7,000	0	0	0	0	0	varies	0	See Note 3
M-PE-2	Auxiliary Gym	0	0	0	0	0	0	0	varies	0	See Note 15
M-PE-3	P.E./Athletic Office	0	75	0	0	0	0	0	varies	0	
M-PE-4	Staff Shower	0	75	0	0	0	0	0	varies	0	
M-PE-5	Student Locker Room	0	600	0	0	0	0	0	varies	0	See Note 4- Total MS Enrollment
M-PE-6	Student Restroom/Shower	0	250	0	0	0	0	0	varies	0	
M-PE-7	Physical Education Storage	1	300	300	0	0	0	1	varies	300	See Note 5
H-PE-1	Gymnasium	1	9,300	9,300	0	0	0	1	varies	9,300	See Note 6
H-PE-2	Auxiliary Gymnasium	0	7,000	0	0	0	0	0	varies	0	See Note 7
H-PE-3	Student Locker Room	2	550	1,100	0	0	0	2	varies	1,100	See Note 8
H-PE-4	Student Restroom/Shower	2	200	400	0	0	0	2	varies	400	See Note 9
H-PE-5	Physical Education Storage	1	400	400	0	0	0	1	varies	400	See Note 10- Total HS Enrollment
H-PE-6	P.E./Athletic Office	2	75	150	0	0	0	2	varies	150	
H-PE-7	Staff Shower	1	75	75	0	0	0	1	varies	75	
H-PE-8	Athletic Director's Office	1	120	120	0	0	0	1	varies	120	
H-PE-9	Lobby Services	1	100	100	0	0	0	1	varies	100	See Note 11
H-PE-10	Training Room	1	200	200	0	0	0	1	varies	200	See Note 12
H-PE-11	Physical Health Classroom	0	750	0	0	0	0	0	varies	0	See Note 13
H-PE-12	Multi-use P.E. Room	1	1,400	1,400	0	0	0	1	varies	1,400	See Note 14
Physical Education Total				17,245		0				17,245	

Refer to Square Footage Allowance Notes on next page.

Elementary School Square Footage Allowance Notes		
Student Enrollment	1	2
350-400 Students	3500	200
401-550 Students	4000	300
551-700 Students	4700	400
Enrollment Determines SF Allowed		

Middle School or K-6 Square Footage Allowance Notes			
Student Enrollment	3	4	5
350-450 Students	7000	600	300
451-600 Students	7500	600	325
601-750 Students	8000	650	500
Enrollment Determines SF Allowed			

Physical Education Notes	
Number	Notes:
15	<i>Auxiliary Gym may be selected for student enrollments above 1000 MS students.</i>

High School or K-12 or 6-12 Square Footage Allowance Notes									
Student Enrollment	6	7	8	9	10	11	12	13	14
350-450 Students	9300	7000	550	200	400	100	200	750	1400
451-800 Students	10700	7000	650	250	600	200	300	1500	1400
801-1200 Students	12400	7000	700	300	800	200	400	1500	1600
1201-1600 Students	14000	7000	850	350	1000	200	500	2000	1800
Enrollment Determines SF Allowed									

CHAPTER 2: BRACKETING

The following school size example illustrates the suggested instructional and support spaces. The example is intended to assist in the planning, design, and development of the summary of spaces.

EXAMPLE - 650 STUDENTS					
Space	Qty	SF	Area		
E/M/H-SD-1	Student Dining	1	3,792	3,792	See Note 1
E/M/H-SD-2	Stage	1	1,000	1,000	See Note 7
E&M-SD-3/H-SD-7	Staff Dining	0		0	See Note 2
E&M-SD-4/H-SD-8	Table Storage	1	400	400	See Note 3
H-SD-3	Scene Shop and Storage	1	350	350	See Note 4
H-SD-4	Make-up/Dressing Rooms	2	200	400	See Note 5
H-SD-5	Theatrical Control Room	1	150	150	
H-SD-6	Drama Storage	1	150	150	See Note 6
H-SD-9	Family Restroom	1	80	80	
H.S. Student Dining Total			6,322		

Student Dining Worksheet											
Space	New SF			Existing SF			TOTAL SF				
	Qty	SF	Area	Qty	SF	Area	Qty	SF	Area		
E/M/H-SD-1	Student Dining	1	3,768	3,768	0	0	0	1	varies	3,768	See Note 1
E/M/H-SD-2	Stage	1	1,292	1,292	0	0	0	1	varies	1,292	See Note 7
E&M-SD-3/H-SD-7	Staff Dining	1	400	400	0	0	0	1	varies	400	See Note 2
E&M-SD-4/H-SD-8	Table Storage	1	400	400	0	0	0	1	varies	400	See Note 3
H-SD-3	Scene Shop and Storage	1	400	400	0	0	0	1	varies	400	See Note 4
H-SD-4	Make-up/Dressing Rooms	2	200	400	0	0	0	2	varies	400	See Note 5
H-SD-5	Theatrical Control Room	1	200	200	0	0	0	1	varies	200	
H-SD-6	Drama Storage	1	200	200	0	0	0	1	varies	200	See Note 6
H-SD-9	Family Restroom	1	80	80	0	0	0	1	varies	80	
Student Dining Total			7,140		0				7,140		

Student Dining Notes	
Number	Notes:
1	The size of the Student Dining space is equal to one-third of the student enrollment multiplied by 17.5 SF per student or 3,000 SF, whichever is greater.
7	The size of the stage equals student enrollment multiplied by 2 SF or 1,000 SF, whichever is larger.

All Grade Level Square Footage Allowance Notes		
Student Enrollment	2	3
350-500 Students	250	300
501-700 Students	400	400
701-900 Students	550	500
901-Larger Students	700	600
Enrollment Determines SF Allowed		

High School & K-12 or 6-12 Square Footage Allowance Notes			
Student Enrollment	4	5	6
350-450 Students	400	200	200
451-800 Students	450	250	400
801-1200 Students	500	250	500
1201-1600 Students	600	300	600
Enrollment Determines SF Allowed			

The following school size example illustrates the suggested instructional and support spaces.
 The example is intended to assist in the planning, design, and development of the summary of spaces.

EXAMPLE - 650 STUDENTS			
Space	Qty	SF	Area
M-FCS-1 Life Skills Lab	1	1,100	1,100
M-FCS-2 Life Skills Storage	0	100	0
H-FCS-1 Life Skills Lab	1	1,200	1,200
H-FCS-2 Life Skills Storage	1	200	200
H-FCS-3 Laundry	1	150	150
H-FCS-4 Child Development	0	1,200	0
Family and Consumer Science Total			2,650

See Note 1

Family And Consumer Science Worksheet									
Space	New SF			Existing SF			TOTAL SF		
	Qty	SF	Area	Qty	SF	Area	Qty	SF	Area
M-FCS-1 Life Skills Lab	0	1,100	0	0	0	0	0	varies	0
M-FCS-2 Life Skills Storage	0	100	0	0	0	0	0	varies	0
H-FCS-1 Life Skills Lab	0	1,200	0	0	0	0	0	varies	0
H-FCS-2 Life Skills Storage	0	200	0	0	0	0	0	varies	0
H-FCS-3 Laundry	0	150	0	0	0	0	0	varies	0
H-FCS-4 Child Development	0	1,200	0	0	0	0	0	varies	0
Family and Consumer Science Total			0			0			0

See Note 1

High School or 6-12 Sq. Ft. Allowance Notes	
Student Enrollment	1
350-450 Students	200
451-800 Students	250
801-1200 Students	300
1201-1600 Students	350
Enrollment Determines SF Allowed	

CHAPTER 2: BRACKETING

The following school size example illustrates the suggested instructional and support spaces. The example is intended to assist in the planning, design, and development of the summary of spaces.

EXAMPLE - 650 STUDENTS			
Space	Qty	SF	Area
M-TE-1a Modular Technology Lab	1	1,300	1,300
M-TE-1b Production Lab	0	1,300	0
M-TE-2 Storage	1	150	150
H-TE-1 Modular Technology Lab	1	1,800	1,800
H-TE-1a Ag-Ed Lab	0	1,800	0
H-TE-2 Storage	1	100	100
H-TE-3 CAD Lab	0	1,200	0
H-TE-4 Production Lab	0	1,600	0
Technology Education Total			3,350

See Note 1

See Note 1

Technology Education Worksheet									
Space	New SF			Existing SF			TOTAL SF		
	Qty	SF	Area	Qty	SF	Area	Qty	SF	Area
M-TE-1a Modular Technology Lab	0	1,300	0	0	0	0	0	varies	0
M-TE-1b Production Lab	0	1,300	0	0	0	0	0	varies	0
M-TE-2 Storage	0	150	0	0	0	0	0	varies	0
H-TE-1 Modular Technology Lab	1	1,800	1,800	0	0	0	1	varies	1,800
H-TE-1a Ag-Ed Lab	0	1,800	0	0	0	0	0	varies	0
H-TE-2 Storage	1	150	150	0	0	0	1	varies	150
H-TE-3 CAD Lab	0	1,200	0	0	0	0	0	varies	0
H-TE-4 Production Lab	0	1,600	0	0	0	0	0	varies	0
Technology Education Total			1,950			0			1,950

See Note 1

See Note 1

High School or 6-12 Sq. Ft. Allowance Notes	
Student Enrollment	1
350-450 Students	150
451-800 Students	200
801-1200 Students	200
1201-1600 Students	200
Enrollment Determines SF Allowed	

The following school size example illustrates the suggested instructional and support spaces. The example is intended to assist in the planning, design, and development of the summary of spaces.

EXAMPLE - 650 STUDENTS			
Space	Qty	SF	Area
H-BE-1 Computer and Business Classroom	0	1,200	0
H-BE-2 Marketing Classroom	0	900	0
H-BE-3 Workroom/Storage	0	100	0
Business Education Total			0

See Note 1

Business Education Worksheet										
Space	Qty	New SF			Existing SF			TOTAL SF		
		SF	Area		Qty	SF	Area	Qty	SF	Area
H-BE-1 Computer and Business Classroom	0	1,200	0		0	0	0	0	varies	0
H-BE-2 Marketing Classroom	0	900	0		0	0	0	0	varies	0
H-BE-3 Workroom/Storage	0	100	0		0	0	0	0	varies	0
Business Education Total			0			0				0

See Note 1

High School Sq. Ft. Allowance Notes	
Student Enrollment	1
350-450 Students	100
451-800 Students	200
801-1200 Students	250
1201-1600 Students	300
Enrollment Determines SF Allowed	

CHAPTER 2: BRACKETING

The following school size example illustrates the suggested instructional and support spaces. The example is intended to assist in the planning, design, and development of the summary of spaces.

EXAMPLE - 650 STUDENTS					
Space	Qty	SF	Area		
E/M/H-FS-0	Warming Kitchen	0	1,300	0	See Note 1
E/M/H-FS-1	Kitchen (total)	1		2,275	See Note 1 & 2
E/M/H-FS-1a	Preparation Area	1	819		See Kitchen Area Notes
E/M/H-FS-1b	Serving Area	1	774		See Kitchen Area Notes
E/M/H-FS-1c	Dry Food Storage	1	250		See Kitchen Area Notes
E/M/H-FS-1d	Cooler/Freezer	1	228		See Kitchen Area Notes
E/M/H-FS-1e	Ware Washing	1	205		See Kitchen Area Notes
E/M/H-FS-2	Dietician Office	1	75	75	
E/M/H-FS-3	RestroomLocker Rm	1	140	140	
Food Service Total				2,490	

Food Services Worksheet										
Space	New SF			Existing SF			TOTAL SF			
	Qty	SF	Area	Qty	SF	Area	Qty	SF	Area	
E/M/H-FS-0	Warming Kitchen	0	1,292	0	0	0	0	varies	0	See Note 1
E/M/H-FS-1	Kitchen (total)	1		0		0	1		2,261	See Note 1 & 2
E/M/H-FS-1a	Preparation Area		814		0			varies		See Kitchen Area Notes
E/M/H-FS-1b	Serving Area		769		0			varies		See Kitchen Area Notes
E/M/H-FS-1c	Dry Food Storage		249		0			varies		See Kitchen Area Notes
E/M/H-FS-1d	Cooler/Freezer		226		0			varies		See Kitchen Area Notes
E/M/H-FS-1e	Ware Washing		203		0			varies		See Kitchen Area Notes
E/M/H-FS-2	Dietician Office	1	75	75	0	0	1	varies	75	
E/M/H-FS-3	RestroomLocker Rm	1	140	140	0	0	1	varies	140	
Food Service Total			2,476	0	0	0	0		2,476	

Food Service Notes	
Number	Notes:
1	Only one of the two Kitchens is to be used - either E/M/H-FS-0 OR E/M/H-FS-1 - not both.
2	The size of the kitchen is equal to the sum of preparation area, serving area, dry food storage area, cooler/freezer area, and ware washing area.

Kitchen Area Sizes					
Food Service Area	Enroll	X	SF/Student	x	%
Preparation Area	Enroll	x	3.5	x	36%
Serving Areas	Enroll	x	3.5	x	34%
Dry Food Storage	Enroll	x	3.5	x	11%
Cooler/	Enroll	x	3.5	x	10%
Ware Washing Area	Enroll	x	3.5	x	9%
Warming Kitchen	Enroll	x	2.0		
Multiply Enrollment x SF/Student x % to achieve size of area					

The following school size example illustrates the suggested instructional and support spaces. The example is intended to assist in the planning, design, and development of the summary of spaces.

EXAMPLE - 650 STUDENTS				
Space		Qty	SF	Area
E/M/H-CU-1	Workroom	1	400	400
E/M/H-CU-2	Custodial Office	1	100	100
Custodial Total				500

See Note 1

Custodial Worksheet										
Space		New SF			Existing SF			TOTAL SF		
		Qty	SF	Area	Qty	SF	Area	Qty	SF	Area
E/M/H-CU-1	Workroom	1	400	400	0	0	0	1	varies	400
E/M/H-CU-2	Custodial Office	1	100	100	0	0	0	1	varies	100
Custodial Total				500	0			500		

See Note 1

All Grade Level Square Footage Allowance Notes	
Student Enrollment	1
350-450 Students	200
451-800 Students	400
801-1200 Students	400
1201-1600 Students	400
Enrollment Determines SF Allowed	

CHAPTER 2: BRACKETING

The following school size example illustrates the suggested instructional and support spaces.
 The example is intended to assist in the planning, design, and development of the summary of spaces.

EXAMPLE - 650 STUDENTS				
Space	Qty	SF	Area	
E/M/H-BS-1 Large Group Restrooms		2,470	2,470	See Build Svc Sizes
E/M/H-BS-2 Custodial Closet	2	50	100	
E/M/H-BS-3 Electrical Closet	2	50	100	
E/M/H-BS-4 Telecommunications Room (TR)	2	64	128	See Note 1
E/M/H-BS-5 Corridors		14,116	14,116	See Build Svc Sizes
E/M/H-BS-6 Mechanical Rooms/Decks		4,870	4,870	See Build Svc Sizes
E/M/H-BS-7 Storage Area	1	200	200	See SF Allowance
E/M/H-BS-8 Central Storage Area	1	200	200	See SF Allowance
E/M/H-BS-9 Loading/Receiving Area	1	120	120	
E/M/H-BS-10 Restroom	0	60	0	
E/M/H-BS-11 Recycling Room	1	100	100	See SF Allowance
Building Services Total			22,405	

Building Services Worksheet										
Space	New SF			Existing SF			TOTAL SF			
	Qty	SF	Area	Qty	SF	Area	Qty	SF	Area	
E/M/H-BS-1 Large Group Restrooms	-	2,702	2,702	-	0	0	-	varies	2,702	See Build Svc Sizes
E/M/H-BS-2 Custodial Closet	4	50	200	0	0	0	4	varies	200	
E/M/H-BS-3 Electrical Closet	4	50	200	0	0	0	4	varies	200	
E/M/H-BS-4 Telecommunications Room (TR)	4	64	256	0	0	0	4	varies	256	See Note 1
E/M/H-BS-5 Corridors	-	15,441	15,441	-	0	0	-	varies	15,441	See Build Svc Sizes
Vertical Circulation	-	0	0	-	0	0	-	varies	0	See Note 2
E/M/H-BS-6 Mechanical/Electrical Space/Decks	-	5,327	5,327	-	0	0	-	varies	5,327	See Build Svc Sizes
E/M/H-BS-7 Storage Area	1	200	200	0	0	0	1	varies	200	See SF Allowance
E/M/H-BS-8 Central Storage Area	1	200	200	0	0	0	1	varies	200	See SF Allowance
E/M/H-BS-9 Loading/Receiving Area	1	120	120	0	0	0	1	varies	120	
E/M/H-BS-10 Restroom	1	60	60	0	0	0	1	varies	60	
E/M/H-BS-11 Recycling Room	1	100	100	0	0	0	1	varies	100	See SF Allowance
Building Services Total			24,807			0			24,807	

Building Services Notes	
Number	Notes:
1	Size of Telecommunications Room varies with size of school. See page 4111-4, 5113-4 & 6114-4.
2	Vertical Circulation refers only to the following: Stairways/stairtowers, monumental stairs, elevators and elevator equipment room.

Building Services Area Sizes			
Building Services Areas	Prog	X	%
Large Group Restrooms	Prog	x	3.5
Corridors	Prog	x	20.0
Mechanical/Electrical Space/Decks	Prog	x	6.9
Multiply Sum of Program Areas - Building Services x % to achieve size of area			

Square Footage Allowance Notes			
Student Enrollment	Stor	Ctl Stor	Recycle
350-450 Students	150	170	80
451-800 Students	200	200	100
801-1200 Students	250	220	130
1201-1600 Students	250	240	160
Enrollment Determines SF Allowed			