

# Space Summary - Grafton Memorial High School (DRAFT)

GRAFTON MEMORIALHIGH SCHOOL	MSBA Guidelines (900 Students) (refer to MSBA Educational Program & Space Standard Guidelines)			
ROOM TYPE	ROOM NFA <sup>1</sup>	# OF RMS	area totals	Comments
<b>CORE ACADEMIC SPACES</b>			<b>38,790</b>	
<i>(List classrooms of different sizes separately)</i>				
Classroom - General	950	29	27,550	850 SF min - 950 SF max
Classroom - General				
Classroom - General				
Classroom - General				
Classroom - General				
Classroom - General				
Classroom - General				
Classroom - General				
Small Group Seminar (20-30 seats)	500	2	1,000	
Foreign Language Lab				
Large Group Instruction				
Book Storage				
Classroom Storage				
Classroom Storage				
Science Classroom / Lab	1,200	8	9,600	Capacity 23 x 85% utilization = 20 Seats - 1 period / day / student
Science Classroom / Lab				
Science Classroom / Lab				
Prep Room	80	8	640	
Greenhouse				
<b>SPECIAL EDUCATION</b>			<b>9,060</b>	
<i>(List classrooms of different sizes separately)</i>				
Self-Contained SPED w/tit (Learning Center)	950	6	5,700	assumed 8% of pop. in self-contained SPED
Language Based Classroom				
Life Skills SPED				
School Psychologist				
Speech and Language Pathologist				
Self-Contained SPED Toilet	60	6	360	
Resource Room	500	3	1,500	1/2 size Genl. Clrm.
Small Group Room	500	3	1,500	1/2 size Genl. Clrm.
OT / PT				
Braille Room				
<b>ART &amp; MUSIC</b>			<b>4,700</b>	
Art Classroom - 25 seats	1,200	2	2,400	Assumed use - 25% Population - 5 times/week
Art Workroom w/ Storage & kiln	150	2	300	
Art Storage				
Art Storage				
Band/Chorus - 50-100 seats	1,500	1	1,500	Assumed use - 25% Population - 5 times/week
Band				
Chorus				
Ensemble	200	1	200	
Music Practice	75	4	300	
Music Storage				
<b>VOCATIONS &amp; TECHNOLOGY</b>			<b>12,800</b>	
Tech Clrm. - (E.G. Drafting, Business)	1,200	4	4,800	Assumed use - 50% Population - 5 times/week
Tech Clrm. - Architecture, Engineering, CAD Lab				
Tech Clrm. - Business Classroom				
Tech Clrm. - TV - Video Production				
Tech Clrm. - TV - Video Production				
Tech Clrm - Business Computer Lab				
Tech Clrm - Business Computer Lab				
Tech Clrm - Early Childhood				
	2,000	4	8,000	Assumed use - 50% Population - 5 times/week
Tech Shop - Clothing, Textiles, Foods				
Tech Shop - Manufacturing (Wood)				
Tech Shop - Wood Storage				
Tech Shop - Consumer Sci, Storage				
<b>HEALTH &amp; PHYSICAL EDUCATION</b>			<b>19,800</b>	

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Gymnasium	10,000	1	10,000	
PE Alternatives (Dance, Weights, etc.)	3,000	1	3,000	
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Gym Storeroom	300	1	300	
Locker Rooms - Boys/Girls w/Toilets				
Locker Rooms - Boys/Girls w/Toilets	1,400	4	5,600	
Team Room				
Team Room				
Phys. Ed. Storage	500	1	500	
Athletic Director's Office	150	1	150	
Coach Office				
Health Instructor's Office w/Shower & Toilet	250	1	250	
Athletic Trainer				
<b>MEDIA CENTER</b>			<b>5,525</b>	
Media Center/Reading Room	5,525	1	5,525	
Media Storage				
Media Storage				
Media Office				
<b>AUDITORIUM / DRAMA</b>			<b>8,875</b>	
Auditorium (exist 752 seats)	6,000	1	6,000	2/3 Enrollment @ 10 SF/Seat - 750 seats MAX
Stage	1,600	1	1,600	
Auditorium Storage	475	1	475	
Make-up / Dressing Rooms	300	2	600	
Controls / Lighting / Projection	200	1	200	
<b>DINING &amp; FOOD SERVICE</b>			<b>7,550</b>	
Cafeteria / Student Lounge/ Break-out	4,500	1	4,500	3 seatings - 15SF per seat
Chair / Table Storage	375	1	375	
Kitchen Receiving				
Kitchen	2,200	1	2,200	1600 SF for first 300 + 1 SF/student Add'l
Dishwashing				
Kitchen Storage				
Kitchen Storage				
Kitchen Storage				
Kitchen Storage				
Kitchen Office				
Staff Lunch Room	475	1	475	20 SF/Occupant
Kitchen Staff Toilet				
<b>MEDICAL</b>			<b>910</b>	
Medical Suite Toilet	60	1	60	
Nurses' Office/Waiting Room	250	1	250	
Interview Room	100	2	200	
Examination Room / Resting	100	4	400	
<b>ADMINISTRATION &amp; GUIDANCE</b>			<b>4,083</b>	
General Office / Waiting Room/Toilet	450	1	450	
Teachers' Mail and Time Room	100	1	100	
Duplicating Room	200	1	200	
Records Room	200	1	200	
Principal's Office w/ Conference Area	375	1	375	
Principal's Secretary / Waiting	125	1	125	
Assistant Principal's Office - AP1	150	1	150	
Assistant Principal's Office - AP2	150	0	-	
Supervisory / Spare Office	120	1	120	
Conference Room	450	1	450	
Guidance Office	150	5	750	
Guidance Waiting Room	100	1	100	
Guidance Storeroom	100	1	100	
Career Center	375	1	375	
Records Room	138	1	138	

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Teachers Work Room	450	1	450	
Teachers Toilet				
<b>CUSTODIAL &amp; MAINTENANCE</b>			<b>2,300</b>	
Custodian's Office	150	1	150	
Custodian's Workshop	250	1	250	
Custodian's Storage	375	1	375	
Custodian's Storage				
Recycling Room / Trash	400	1	400	
Receiving and General Supply	375	1	375	
Storeroom	550	1	550	
Network/Telecom Room	200	1	200	
Boiler				
<b>OTHER</b>			<b>0</b>	
Other (specify)				
Student Council Room				
School Store				
School Newspaper & Yearbook				
Computer Lab				
General Storage				
Total Building Net Floor Area (NFA)			<b>114,393</b>	
Proposed Student Capacity/Enrollment			<b>900</b>	
Total Building Gross Floor Area (GFA) <sup>2</sup>			<b>171,000</b>	
Grossing factor (GFA/NFA)			<b>1.49</b>	

<sup>1</sup> Individual Room Net Floor Area (NFA)

<sup>2</sup> Total Building Gross Floor Area (GFA)

**Architect Certification**

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