

Milton School District  
Educational Space Needs



Building/Program Capacities  
PRA - R150084-02

1200 stud. capacity 1400 stud

Milton High School  
Last Updated - 2/8/17

Program	Area per Room (SF)	No. Rooms	Total Area (SF)	Notes
<b>Core Curriculum Classrooms</b>				
English	900	9	8,100	
Social Studies	900	8	7,200	
Foreign Language	900	5	4,500	
Learning Studio Support Spaces				
Project Rooms	200	8	1,600	
Teacher Planning Rooms w/Dept. Stor.	900	5	4,500	
<b>Sub-Total</b>			<b>25,900</b>	
				Grossing Factor 40% <b>Total</b>
				10360 <b>36,260</b>
<b>Physical Education</b>				
Four Station PE Gymnasium	8,500	4	34,000	
Storage	3,000	1	3,000	
Weight Room	3,000	1	3,000	
Fitness	3,000	1	3,000	
Storage	200	1	200	
Wrestling	4,500	1	4,500	
Gymnastics	5,500	0	0	To remain at exst HS bldg
Storage	200	0	0	
Health Classroom	900	1	900	
PE Classroom	900	1	900	
Training Room	850	1	850	
Locker Rooms - PE	2,500	4	10,000	Reduced in size 6/1/16
Shower / Dry / Handicap	Above			
Toilet Room	Above			
Storage	Above			
Varsity Storage	Above			
PE office	Above			
Locker Rooms - Team	4,000	2	8,000	Reduced in size 6/1/16
Coach's Office	150	2	300	
Officials	200	1	200	
Laundry	250	1	250	
<b>Sub-Total</b>			<b>69,100</b>	
				Grossing Factor 40% <b>Total</b>
				27640 <b>96,740</b>
<b>Pool</b>				
Eight Lane Pool	11,000	1	11,000	7' Deep- Not Olympic
Seating Area (450)	2,500	1	2,500	Seating for 450
Locker Rooms	2,250	2	4,500	Community Locker Space?
Shower / Dry / Handicap	Above			
Toilet Room	Above			
Storage	Above			
Pool office	Above			
Aquatics Director	150	1	150	
Filter / Mechanical	1,400	1	1,400	
<b>Sub-Total</b>			<b>19,550</b>	
				Grossing Factor 40% <b>Total</b>
				7820 <b>27,370</b>

**Graphic Arts**

2D Art Lab	1,400	1	1,400
Storage	300	1	300
Clay / Ceramics Lab	1,700	1	1,700
Kiln Room / Drying Room	200	1	200
Storage	300	1	300
Digital Arts Lab	1,200	1	1,200
Art Office	165	1	165

**Sub-Total** 5,265Grossing Factor 40% **Total**  
2106 **7,371****Applied Arts**

Culinary Arts Lab	1,400	1	1,400	Near Metals shop... 6 kitchens - outside entry for supplies
Storage	200	1	200	
Child Studies / Sewing	1,200	1	1,200	14 sewing stations
Storage	200	1	200	

**Business Ed.**

Business Education Classrooms	900	1	900	Near Multimedia?
Accounting Classroom	900	2	1,800	
School Store	1500	1	1,500	
Marketing Classrom	900	1	900	

**Sub-Total** 8,100Grossing Factor 40% **Total**  
3240 **11,340****Applied Technology and Engineering**

Fabrication Lab	2000	1	2,000	Near loading dock (where is club space FFA/Robotics/HM Car Lrg space decentral - small cnc, 3d prtr
Storage	above	1		
Engineering Design Classroom	1200	1	1,200	Electronics can be accommodated
Welding/ Machining Lab	3900	1	3,900	18 Welding booths at 36sqft, lrg cnc
Welding booth - 36sf each	above	18		
Storage	above	1		
Construction/Cabinetry Lab	4000	1	4,000	
Finishing Lab	800	1	800	Shared with Fab Lab
Storage	800	1	800	
Engine/Power Systems Lab	1800	1	1,800	Where can a vehicle lift go? Is it needed
Tech Ed Classroom	900	2	1,800	

**Sub-Total** 16,300Grossing Factor 40% **Total**  
6520 **22,820****\* Science**

Ag Classroom / Lab	1500	2	3,000	Can we have small animal lab - pig - OH door/Ventilation (might need more space) Near FACE w/head house/where does aquaponics go? In one of the ag.
Greenhouse	2400	1	2,400	Labs near animal area.
Large Animal Lab	1700	1	0	Increased ventilation required
STEM Labs (3 Chem, 3 Life Sci/Bio)	1200	6	7,200	Lab stations with gas and water
Prep Rooms	300	3	900	Casework and sink
Chem Storage	150	1	150	
Multipurpose Science Classroom	1200	1	1,200	Future lab space, casework and sink
Physics Lab	1200	1	1,200	
Physics Storage	300	1	300	

**Sub-Total** 16,350Grossing Factor 40% **Total**  
6540 **22,890****\* Mathematics**

Applied (Shop) Math Classroom	900	1	900	With STEM
Engineering Math Classroom	900	1	900	With STEM
Math Classrooms	900	8	7,200	

**Sub-Total** 9,000Grossing Factor 40% **Total**  
3600 **12,600**

\* **Computer Sciences**

Computer Science Lab	1,200	1	1,200	With STEM
Multimedia Lab	1,750	1	1,750	With STEM
Green Room				above

**Sub-Total** 2,950

Grossing Factor 40% **Total**  
1180 4,130

\* **Additional Spaces**

Open Collaborative/Flexible Space	500	4	2,000
Team Workspaces	200	6	1,200
SE STEM Classrooms	700	1	700

**Sub-Total** 3,900

Grossing Factor 40% **Total**  
1560 5,460

**Performing Arts**

Band	4,500	1	4,500	150 Students in band; Near gym and black box, toilet with shower? Overhead door from band room to exterior
Small Practice	75	4	300	
Large Practice	150	1	150	
Ensamble Room	400	1	400	Can we wire for recording - all rooms?
Office	150	1	150	
Instrument Repair	200	1	200	
Music Storage / Library	200	1	200	
Uniform Storage	300	1	300	
Dance Studio	2,400	1	2,400	
Office	150	1	150	
Choir	1,800	1	1,800	80 Students min.
Small Practice	75	2	150	

**Theater and Support Spaces** 25,000 0 0 Exst auditorium at current HS to remain

Drama / Studio	1,200	1	1,200
Office	150	1	150

**Sub-Total** 12,050

Grossing Factor 40% **Total**  
4820 16,870

**Library / IMC**

Instructional Area	900	3	2,700	
Reading Area	600	2	1,200	
Stack Area	1,000	2	2,000	18000 volumes currently - 15,000 in 3 years
Small Project Rooms	150	4	600	
Resource Area	400	1	400	
Circulation	350	1	350	
Office	250	1	250	
Work Room	500	1	500	
AV / Storage	400	1	400	
Conference Room	310	1	310	
Storage	200	1	200	
IT Heip Desk	900	1	900	Access to hall
Support for Success/Tutoring Space	900	1	900	Access to hall
ELL Classroom	900	1	900	
Leaning Center	900	1	900	

**Sub-Total** 12,510

Grossing Factor 40% **Total**  
5004 17,514

**Special Education**

Cross Cat	450	7	3,150	
Speech and Language	450	1	450	
Conference	200	2	400	
Special Ed. Storage and Prep	600	1	600	
OT/PT Classroom	1000	1	1,000	Near ID
ID	1100	2	2,200	One with life skills

Grossing Factor 40% **Total**  
3120 **10,920**

**Sub-Total** **7,800**

**Administration / Pupil Services**

Main Office				Where does Milton Rec go? HS or MS or Old MS 200 sq.ft., keep with AD office; 2 staff at reception
Waiting/ Reception	500	1	500	Need 14 waiting chairs for both public and students, separate area for disciplinary action. 2 staff at reception
Secretary open office	80	3	240	
Secretary in office	120	1	120	Finance
Principal	250	1	250	
Associate Principal	165	2	330	
School Resource Officer	120	1	120	
Athletic Director	900	1	900	AD office, storage room 120 sq.ft duffle bags., Admin. Assistant, Athletic trainer, storage room 200 sq.ft., mail area - Near athletics
Storage	250	1	250	
Conference (20 person dividable)	600	1	600	
Health Room/ Toilet	900	1	900	2 cots, sink, fridge, office 120 sqft
Work Room/ Mail	300	1	300	
Work Room/ Copy	500	1	500	
Shared kitchenette	100	1	100	
ISS/testing	600	1	600	
Toilet Room	70	2	140	
Pupil Services				
Career center w/office	300	1	300	School to career
Reception/ Waiting	120	2	240	Two cubes, waiting chairs for 10
Offices	165	6	990	One larger office
Calming Rooms	60	1	60	
Conference Room	225	1	225	
Storage	175	1	175	
Work Room	200	0	0	Shared with Admin.
Toilet Room	70	0	0	Shared with Admin.

Grossing Factor 40% **Total**  
3136 **10,976**

**Sub-Total** **7,840**

**Student Commons**

Seating (466) 3 serving periods	8000	1	8,000	changed to 3 serving periods
Study Hall Alcove	1800	1	1,800	150 Students
Large Group Instruction	7,000	1	7,000	Black Box
Kitchen- Serving lines	300	6	1,800	
Ala Carte	400	1	400	
Kitchen (Production for HS only)	2500	1	2,500	
Cool / Freeze	400	3	1,200	
Dishwash	500	1	500	
Office	120	2	240	
Concessions	200	1	200	
Break/ Locker Room/ Toilet	200	1	200	
Storage	1000	1	1,000	
Table Storage	1200	1	1,200	

Grossing Factor 40% **Total**  
10416 **36,456**

**Sub-Total** **26,040**

**Facility Support**

Custodian Office	125	1	125	
Staff Break	750	1	750	
Receiving	1000	1	1,000	w/loadig dock
Toilets				
Main	800	2	1,600	
Classroom	600	4	2,400	
Staff	70	4	280	
Storage	1000	1	1,000	

**Sub-Total** **7,155**

Grossing Factor 40%      **Total**  
2862      **10,017**

**Total Assignable Area 249,810**

**40% Grossing Factor 99,924**

**Total Area 349,734**