

Proposed Space Summary - High Schools

**1,600 Students**

Northeast Metro Tech		Existing Conditions		
ROOM TYPE	ROOM NFA <sup>1</sup>	# OF RMS	area totals	
<b>CORE ACADEMIC SPACES</b>			<b>29,600</b>	
<i>(List classrooms of different sizes separately)</i>				
Classroom - General	797	26	20,710	
Teacher Planning/ Workrooms-- 136, 136A, 210	253	3	760	
Small Group Seminar/ Collaborative Space				
Science Classroom / Lab	1,340	1	1,340	
Prep Room	280	1	280	
Science Classrooms incl STEM	814	8	6,510	
Central Chemical Storage Rm	0	0	0	
Health CR/ Team Meeting Room				
Language Lab/ Distance Learning	0	0	0	
<b>SPECIAL EDUCATION</b>			<b>2,900</b>	
<i>(List classrooms of different sizes separately)</i>				
Self-Contained SPED				
Self-Contained SPED Toilet				
Resource Room - 124E, 127C Learning Center	115	2	230	
Small Group Room - 124D Academic Support				
Reading, Speech, ELL	160	1	160	
Tutorial/ Assessment, Psychologist				
Adjustment Counselors				
SpEd Office - 124A, 124B, 124C, 126B, 127B Dir+2 asst.	206	5	1,030	
SpEd Conference Room				
SpEd Classrooms - 126A, 127A	740	2	1,480	
<b>ART &amp; MUSIC</b>			<b>0</b>	
Art Classroom - 25 seats				
Art Workroom w/ Storage & kiln				
Band - 50 - 100 seats				
Chorus - 50 - 100 seats				
Ensemble				
Music Practice				
Music Storage				
<b>VOCATIONS &amp; TECHNOLOGY</b>			<b>94,540</b>	
Technology/Engineering Rooms- PLTW				
Automotive Collision Repair (incl. Rel CR, typ.)			9,190	
Automotive Technology			10,090	
Business Office Technology (2200sf min; incl Bank)			4,240	
Carpentry			8,520	
Cosmetology			3,920	
Culinary Arts			5,120	
Dental Assisting			1,620	
Design & Visual Communications			7,170	
Drafting & Design			4,460	
Early Childhood Education (1500sf min)			2,800	
Electrical Technology			7,790	
Health Assisting			4,160	
HVAC Technology			6,120	
Metal Fabrication			7,120	
Plumbing & Pipefitting			8,160	
Robotics & Automation			4,060	
new-Biotechnology				
new-Marketing (2200sf min; incl Store)				
new-Medical Assisting				
<b>HEALTH &amp; PHYSICAL EDUCATION</b>			<b>14,150</b>	
Gymnasium - 174	8,110	1	8,110	
PE Alternatives - 171 Fitness Center & Weights	1,140	1	1,140	

PROPOSED								
Existing to Remain/Renovated			New			Total		
ROOM NFA <sup>1</sup>	# OF RMS	area totals	ROOM NFA <sup>1</sup>	# OF RMS	area totals	ROOM NFA <sup>1</sup>	# OF RMS	area totals
		<b>0</b>			<b>51,445</b>			<b>51,445</b>
		0	858	36	30,870		36	30,870
		0	1,192	3	3,575		3	3,575
		0	663	3	1,990		3	1,990
		0	1,440	8	11,520		8	11,520
		0	400	4	1,600		4	1,600
		0						
			200	1	200		1	200
			750	1	750		1	750
			940	1	940		1	940
		<b>0</b>			<b>7,070</b>			<b>7,070</b>
		0	950	0	0		0	0
		0	60	0	0		0	0
		0	850	4	3,400		4	3,400
		0	500	4	2,000		4	2,000
			150	4	600		4	600
			150	2	300		2	300
			150	3	450		3	450
			320	1	320		1	320
		<b>0</b>			<b>0</b>			<b>0</b>
		0	0	0	0		0	0
		0	0	0	0		0	0
		0	0	0	0		0	0
		0	0	0	0		0	0
		0	0	0	0		0	0
		0	0	0	0		0	0
		<b>0</b>			<b>127,755</b>			<b>127,755</b>
		0	1,435	1	1,435		1	1,435
			7,580	1	7,580		1	7,580
			12,615	1	12,615		1	12,615
			3,180	1	3,180		1	3,180
			10,280	1	10,280		1	10,280
			5,890	1	5,890		1	5,890
			6,000	1	6,000		1	6,000
			6,500	1	6,500		1	6,500
			5,240	1	5,240		1	5,240
			4,580	1	4,580		1	4,580
			2,060	1	2,060		1	2,060
			12,335	1	12,335		1	12,335
			5,790	1	5,790		1	5,790
			9,140	1	9,140		1	9,140
			7,400	1	7,400		1	7,400
			8,665	1	8,665		1	8,665
			5,175	1	5,175		1	5,175
			5,135	1	5,135		1	5,135
			2,975	1	2,975		1	2,975
			5,780	1	5,780		1	5,780
		<b>0</b>			<b>25,750</b>			<b>25,750</b>
		0	12,375	1	12,375		1	12,375
		0	1,493	2	2,985		2	2,985

Difference to MSBA Guidelines		
ROOM NFA1	# OF RMS	area totals
		<b>4,775</b>
	3	2,820
	-30	275
	-1	(10)
	0	-
	-4	-
	0	-
	0	-
	1	750
	1	940
		<b>-1,990</b>
	-6	(5,700)
	-6	(360)
	1	1,900
	1	500
		<b>-6,700</b>
	-2	(2,400)
	-2	(300)
	-1	(1,500)
	-1	(1,500)
	-1	(200)
	-4	(300)
	-1	(500)
		<b>135</b>
	0	(5)
	0	60
	0	(35)
	0	(10)
	0	(70)
	0	140
	0	250
	0	-
	0	(40)
	0	(40)
	0	35
	0	(40)
	0	(85)
	0	(60)
	0	-
	0	115
	0	5
	0	(35)
	0	45
	0	(95)
		<b>590</b>
	0	375
	1	(15)

MSBA Guidelines				Date: 8/3/2021	Schematic Design
(refer to MSBA Educational Program & Space Standard Guidelines)					
see also accompanying Notes to Space Summary for highlighted revisions					
ROOM NFA <sup>1</sup>	# OF RMS	area totals	Comments		
		<b>46,670</b>			
850	33	28,050	825 SF min - 950 SF max		
100	33	3,300			
500	4	2,000			
1,440	8	11,520	3 x85% ut=20 Seats-1 per /day/student		
200	8	1,600			
200	1	200			
		<b>9,060</b>			
950	6	5,700	825-950 SF equal to surrounding classrooms		
60	6	360			
500	3	1,500	1/2 size Genl. Clrm.		
500	3	1,500	1/2 size Genl. Clrm.		
		<b>6,700</b>			
1,200	2	2,400	Assumed use - 25% Population - 5 times/week		
150	2	300			
1,500	1	1,500	Assumed use - 25% Population - 5 times/week		
1,500	1	1,500			
200	1	200			
75	4	300			
500	1	500			
		<b>127,620</b>			
1,440	1	1,440	Assumed use - 100% Population - 5 times/week, 625 SF - 2,000 SF		
7,520	1	7,520			
12,650	1	12,650			
3,190	1	3,190			
10,350	1	10,350			
5,750	1	5,750			
5,750	1	5,750			
6,500	1	6,500			
5,280	1	5,280			
4,620	1	4,620			
2,025	1	2,025			
12,375	1	12,375			
5,875	1	5,875			
9,200	1	9,200			
7,400	1	7,400			
8,550	1	8,550			
5,170	1	5,170			
5,170	1	5,170			
2,930	1	2,930			
5,875	1	5,875			
		<b>25,160</b>	Excess PE Spaces Policy		
12,000	1	12,000			
3,000	1	3,000			



