

## Leicester Public Schools – FACILITIES MASTER PLAN

### 4.0 Enrollment / Educational Programming

#### FUTURE ENROLLMENT ASSUMPTIONS

Utilizing the **Leicester, MA Historical Enrollment DRAFT** report as prepared by NESDEC (New England School Development Council) and dated 8/18/14 as a starting point, and at the direction of the Superintendent of School's office, it was determined that the actual *2013-2014 School Year* enrollment of 1,634 students (+- 117 students per grade) would form the basis of the future planned enrollment. Anticipating very modest growth over the next 10 years, it was agreed that a grades PK-12 planned enrollment of 1,680 students (120 students/grade) would be utilized for the purposes of the subsequent educational programming and development of preliminary floor plan layout options. A copy of the applicable NESDEC report is included within this **Tab 4**.

#### EDUCATIONAL PROGRAMMING

Leicester Public Schools currently educates it's children in the following (4) separate school facilities:

- Leicester Primary School – grades PK-2
- Leicester Memorial School – grades 3-5
- Leicester Middle School – grades 6-8
- Leicester High School – grades 9-12

During the design team's initial conversations with the elementary school staff (while reviewing the proposed **Project Guiding Principles**), all school participants noted great frustration with the current grades PK-2 and 3-5 educational alignment. The elementary school staff expressed concern regarding the lack of educational continuity (for students, parents, and staff) inherent in elementary age children attending two separate schools for only three years each. As such, it was agreed that all future educational alignment options would include grades PK-5 (7 grades) as a self-contained 'unit'.

Through the multiple meetings/workshops with LPS administrators, teachers, and staff, the design team gathered many ideas regarding potentially different types and kinds of spaces which may be appropriate for future Leicester school facilities. Please refer to the **Facilities Capital Committee Meeting #3 Agenda** (June 25, 2014), as included within **Tab 3**, for a brief tabulation of some of these ideas.

#### Preliminary Educational Programs

Following the confirmation of the sizes and number of existing rooms/spaces in the (5) LPS facilities (please refer to **Tabs 5-9** for specific layout and size information), as well as the aforementioned determination of overall planned enrollment, the design team prepared a series of **Preliminary Educational Programs**. Programs were developed for grade PK-5, 6-8, 6-12, 9-12 configurations. Each program includes: relevant assumptions; names & descriptions of spaces; a comparison of sizes (existing, proposed, as well as MSBA guidelines); overall existing LPS spaces available; a comparison to overall MSBA building size planning guidelines for the grade groupings noted; and calculated *educational capacities* of each of the current school facilities. Copies of the final **Preliminary Educational Programs** are included within this **Tab 4**.

# Leicester, MA Historical Enrollment DRAFT

School District: **Leicester, MA FIRST DRAFT**

8/18/2014

Note: 2014-15 "enrollments" reflect the number registered on 8/17/2014 in Grades K, 1 and 2; all other grades = NESDEC projections

Historical Enrollment By Grade																			
Birth Year	Births	School Year	PK	K	1	2	3	4	5	6	7	8	9	10	11	12	UNGR	K-12	PK-12
1999	121	2004-05	102	119	114	141	126	145	148	146	153	150	170	150	115	115	0	1792	1894
2000	117	2005-06	103	123	125	110	144	137	155	153	151	149	158	173	131	114	0	1823	1926
2001	121	2006-07	103	123	125	110	144	137	155	153	151	149	158	173	131	114	0	1823	1926
2002	101	2007-08	103	130	118	127	122	126	131	150	155	159	146	139	130	133	0	1766	1869
2003	117	2008-09	105	124	138	124	134	129	130	140	150	155	155	134	134	122	0	1769	1874
2004	128	2009-10	107	151	127	145	128	134	137	130	142	152	144	139	123	122	0	1774	1881
2005	109	2010-11	95	109	157	126	138	129	143	143	136	153	140	134	134	122	0	1764	1859
2006	101	2011-12	86	129	102	154	122	138	134	133	137	137	129	130	120	128	0	1693	1779
2007	96	2012-13	91	112	132	104	154	119	141	134	129	136	123	112	116	118	0	1630	1721
2008	123	2013-14	76	105	104	123	112	160	119	139	131	124	110	114	97	120	0	1558	1634
2009	90	2014-15	78	83	107	108	125	113	163	117	135	130	105	100	101	96	0	1483	1561

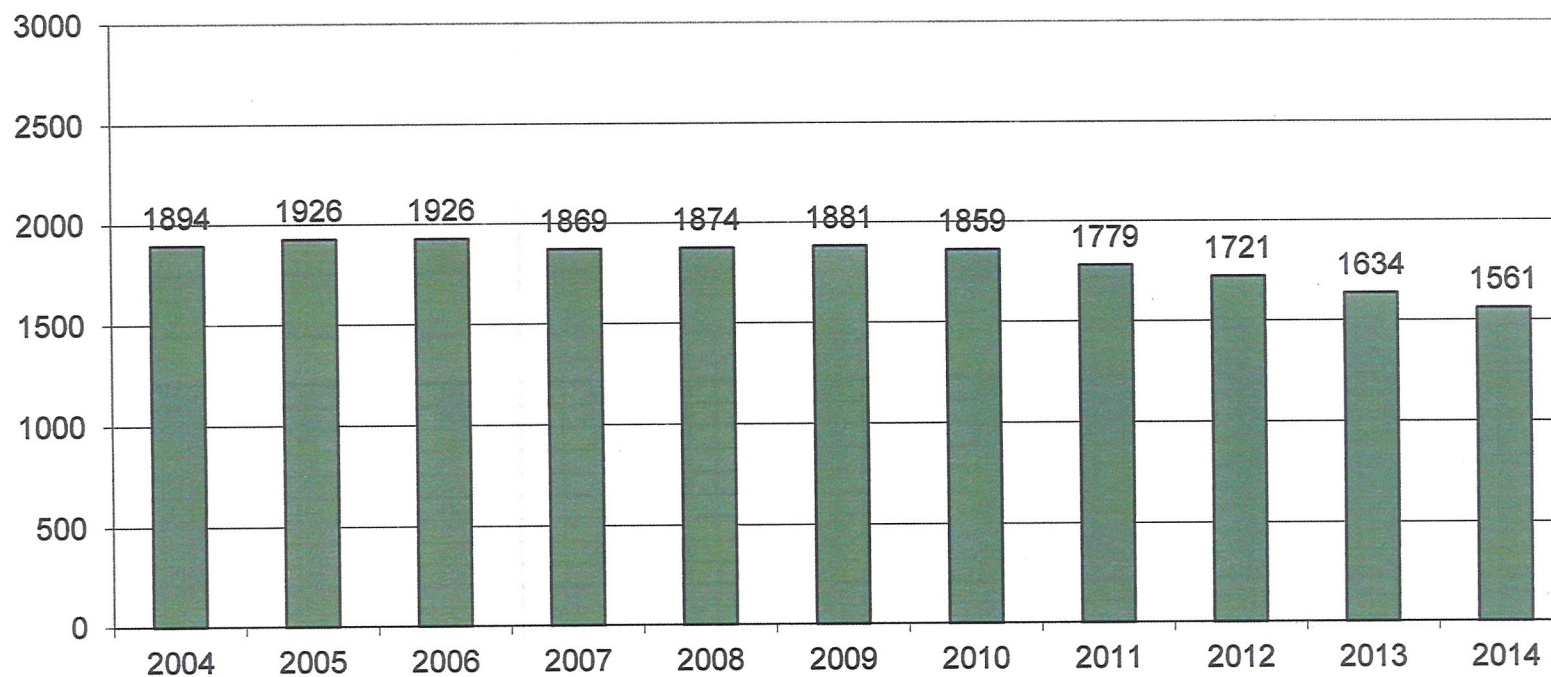
Historical Enrollment in Grade Combinations									
Year	PK-2	K-5	3-5	K-8	5-8	6-8	7-8	7-12	9-12
2004-05	476	793	419	1242	597	449	303	853	550
2005-06	461	794	436	1247	608	453	300	876	576
2006-07	461	794	436	1247	608	453	300	876	576
2007-08	478	754	379	1218	595	464	314	862	548
2008-09	491	779	393	1224	575	445	305	850	545
2009-10	530	822	399	1246	561	424	294	822	528
2010-11	487	802	410	1234	575	432	289	819	530
2011-12	471	779	394	1186	541	407	274	781	507
2012-13	439	762	414	1161	540	399	265	734	469
2013-14	408	723	391	1117	513	394	255	696	441
2014-15	376	699	401	1081	545	382	265	667	402

Historical Percentage Changes			
Year	K-12	Diff.	%
2004-05	1792	0	0.0%
2005-06	1823	31	1.7%
2006-07	1823	0	0.0%
2007-08	1766	-57	-3.1%
2008-09	1769	3	0.2%
2009-10	1774	5	0.3%
2010-11	1764	-10	-0.6%
2011-12	1693	-71	-4.0%
2012-13	1630	-63	-3.7%
2013-14	1558	-72	-4.4%
2014-15	1483	-75	-4.8%
Change		-309	-17.2%



## Leicester, MA Historical Enrollment

**PK-12, 2004-2014**





# Leicester, MA Projected Enrollment DRAFT

School District: **Leicester, MA FIRST DRAFT**

8/18/2014

Note: In 2013, the Town Clerk recorded 86 births, which NESDEC increased by the number typically born out-of-state and added by the MA DPH (6)... 86+6 = 92 "provisional"

## Enrollment Projections By Grade\*

Birth Year	Births		School Year	PK	K	1	2	3	4	5	6	7	8	9	10	11	12	UNGR	K-12	PK-12
2009	90		2014-15	78	83	107	108	125	113	163	117	135	130	105	100	101	96	0	1483	1561
2010	98		2015-16	80	104	83	107	109	126	117	162	116	136	114	96	91	99	0	1460	1540
2011	83		2016-17	82	88	104	83	108	110	130	116	160	117	119	104	87	89	0	1415	1497
2012	103		2017-18	84	109	88	104	84	109	114	129	115	161	102	108	94	85	0	1402	1486
2013	92	(prov.)	2018-19	86	97	109	88	105	85	113	113	128	116	141	93	98	92	0	1378	1464
2014	93	(est.)	2019-20	88	99	97	109	89	106	88	112	112	129	102	128	84	96	0	1351	1439
2015	94	(est.)	2020-21	90	99	99	97	110	90	109	87	111	113	113	93	116	82	0	1319	1409
2016	93	(est.)	2021-22	92	98	99	99	98	111	93	108	86	112	99	103	84	114	0	1304	1396
2017	95	(est.)	2022-23	94	101	98	99	100	99	115	92	107	87	98	90	93	82	0	1261	1355
2018	93	(est.)	2023-24	96	99	101	98	100	101	102	114	91	108	76	89	82	91	0	1252	1348
2019	94	(est.)	2024-25	98	99	99	101	99	101	104	101	113	92	95	69	81	80	0	1234	1332

\*Projections should be updated on an annual basis.

Based on an estimate of births

Based on children already born

Based on students already enrolled

## Projected Enrollment in Grade Combinations\*

Year	PK-2	K-5	3-5	K-8	5-8	6-8	7-8	7-12	9-12
2014-15	376	699	401	1081	545	382	265	667	402
2015-16	374	646	352	1060	531	414	252	652	400
2016-17	357	623	348	1016	523	393	277	676	399
2017-18	385	608	307	1013	519	405	276	665	389
2018-19	380	597	303	954	470	357	244	668	424
2019-20	393	588	283	941	441	353	241	651	410
2020-21	385	604	309	915	420	311	224	628	404
2021-22	388	598	302	904	399	306	198	598	400
2022-23	392	612	314	898	401	286	194	557	363
2023-24	394	601	303	914	415	313	199	537	338
2024-25	397	603	304	909	410	306	205	530	325

## Projected Percentage Changes

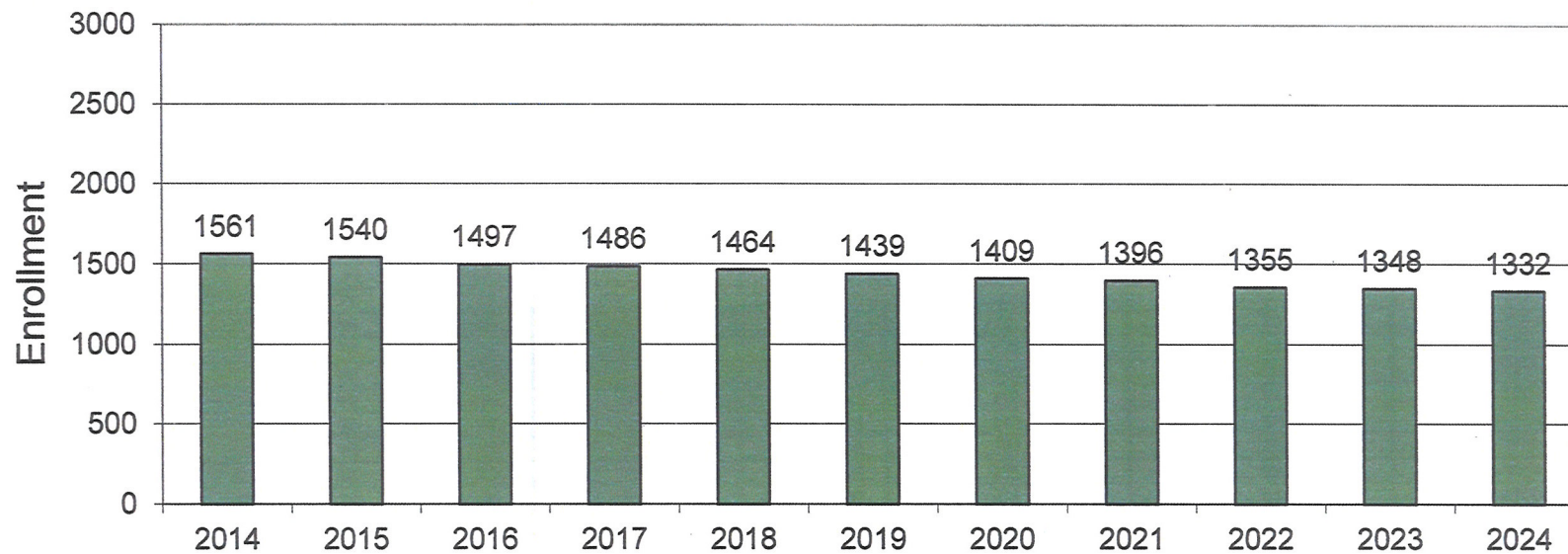
Year	K-12	Diff.	%
2014-15	1483	0	0.0%
2015-16	1460	-23	-1.6%
2016-17	1415	-45	-3.1%
2017-18	1402	-13	-0.9%
2018-19	1378	-24	-1.7%
2019-20	1351	-27	-2.0%
2020-21	1319	-32	-2.4%
2021-22	1304	-15	-1.1%
2022-23	1261	-43	-3.3%
2023-24	1252	-9	-0.7%
2024-25	1234	-18	-1.4%
Change		-249	-16.8%

See "Reliability of Enrollment Projections" section of accompanying letter.  
Projections are more reliable for Years #1-5 in the future than for Years #6 and beyond.



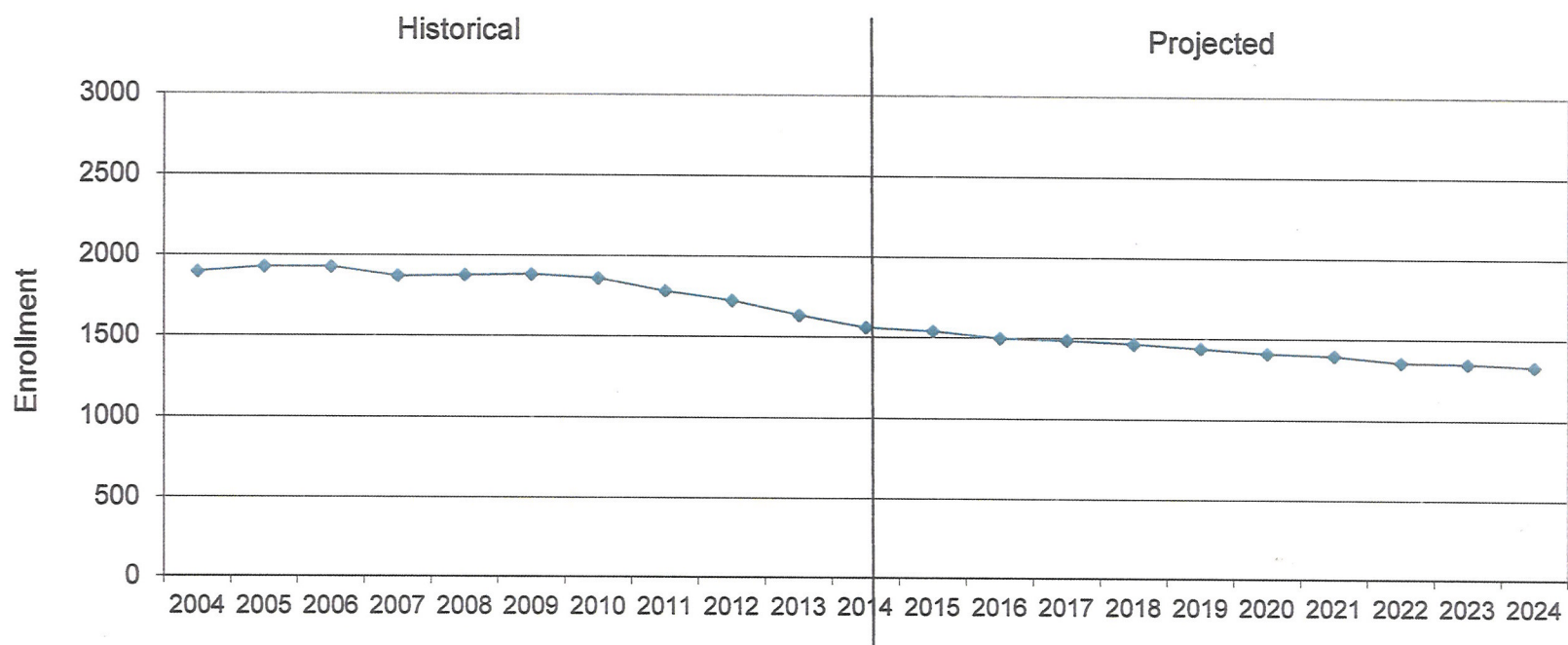
## Leicester, MA Projected Enrollment

PK-12 TO 2024 Based On Data Through School Year 2014-15



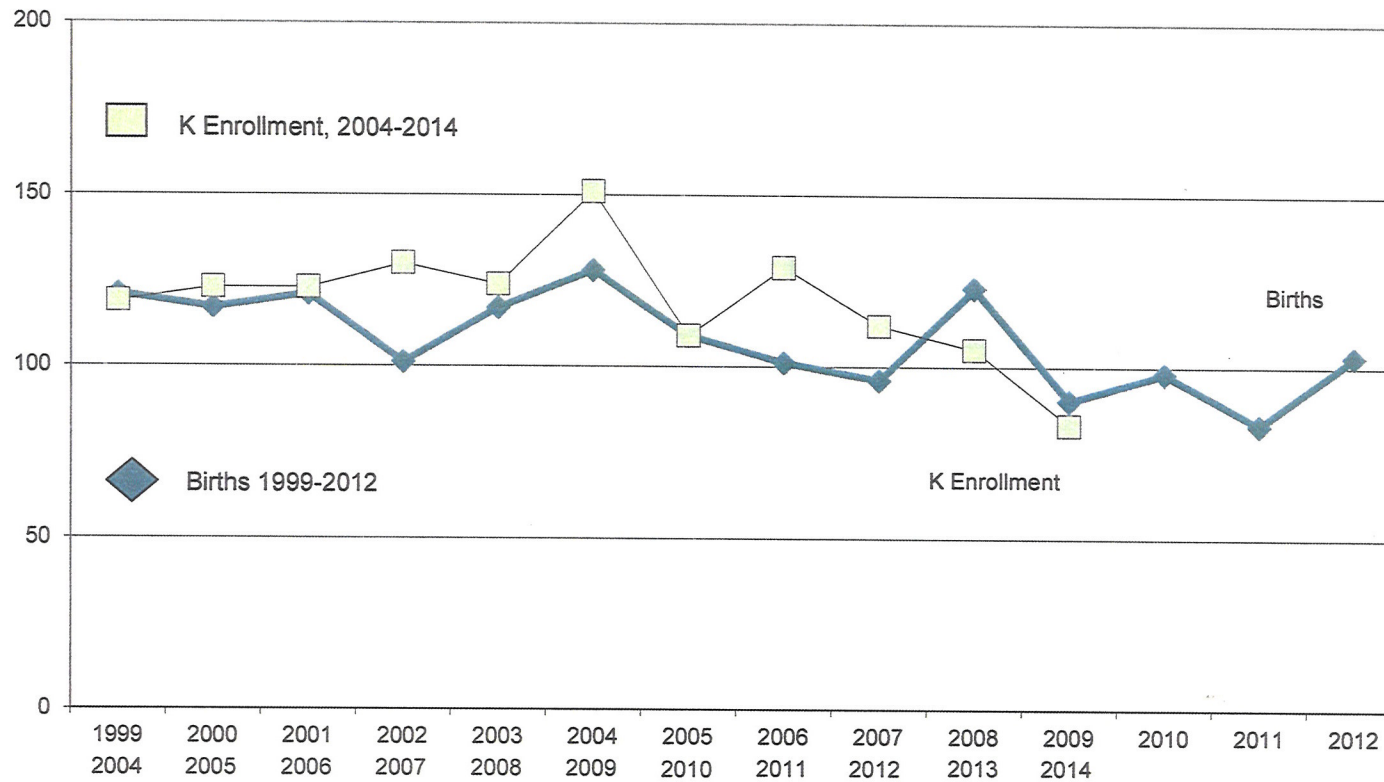
# Leicester, MA Historical & Projected Enrollment

## PK-12, 2004-2024





# Leicester, MA Birth-to-Kindergarten Relationship



## Leicester, MA Additional Data

Building Permits Issued		
Year	Single-Family	Multi-Units
2005	52	0
2010	24	0
2011	17	0
2012	14	0
2013	15	0
2014	n/a	0

Source: HUD and Building Department

Enrollment History		
Year	Voc-Tech 9-12 Total	Non-Public K-12 Total
2005-06	41	107
2010-11	n/a	n/a
2011-12	n/a	n/a
2012-13	57	86
2013-14	62	98
2014-15	n/a	n/a

Residents in Non-Public Independent and Parochial Schools (General Education)														
Enrollments as of Oct. 1	K	1	2	3	4	5	6	7	8	9	10	11	12	K-12 TOTAL
	0	0	0	0	0	0	0	0	0	0	0	0	0	n/a

K-12 Home-Schooled Students	
2014	n/a

K-12 Residents "Choiced-out" or in Charter or Magnet Schools	
2014	n/a

K-12 Special Education Outplaced Students	
2014	n/a

K-12 Choiced-In, Tuitioned-In, & Other Non-Residents	
2014	n/a

The above data were used to assist in the preparation of the enrollment projections. If additional demographic work is needed, please contact our office.





P R E L I M I N A R Y

1411 / School Facilities Study

GRADES PK-5

Preliminary Educational Program  
revised September 24, 2014

ASSUMPTIONS:

- 840 STUDENTS GRADES PK-5 (780 STUDENTS FULL-TIME W/ PK @ 1/2 TIME)
- 120 STUDENTS PER GRADE
- (2) CAFETERIA SEATINGS
- 1/2-DAY PK, FULL-DAY K

	MSBA GUIDELINES	EXISTING (MEMORIAL + PRIMARY)	PROPOSED	DIFFERENCE	
NAME	RANGE OF SIZES	# OF ROOMS @ ROOM SIZE EQUALS NET AREA (NSF)	# OF ROOMS @ ROOM SIZE EQUALS NET AREA (NSF)	EQUALS NET AREA (NSF)	DESCRIPTION OF SPACE
<b>Core Academic Spaces: Classrooms</b>					
Classrooms: PK (w/ toilets)	1,100 - 1,300 SF	4 @ varies SF = 4,745 NSF	4 @ 1,300 SF = 5,200 NSF	(455) NSF	
Classrooms: K (w/ toilet)	1,100 - 1,300 SF	4 @ varies SF = 3,400 NSF	7 @ 1,200 SF = 8,400 NSF	(5,000) NSF	
Classrooms: Grades 1-5	900 - 1,000 SF	33 @ varies SF = 26,730 NSF	25 @ 950 SF = 23,750 NSF	2,980 NSF	
		34,875 NSF	37,350 NSF	(2,475) NSF	
<b>Special Education</b>					
SPED: Self-Contained (includes Speech and Title 1)	950 SF	4 @ varies SF = 2,700 NSF	5 @ 950 SF = 4,750 NSF	(2,050) NSF	780 STUDENTS @ 8% = 62 STUDENTS @ 12 / ROOM = 5 ROOMS
SPED: Self-Contained Toilet	60 SF	0 @ 60 SF = 0 NSF	0 @ 60 SF = 0 NSF	0 NSF	
Resource Room	500 SF	0 @ 500 SF = 0 NSF	4 @ 500 SF = 2,000 NSF	(2,000) NSF	1 ROOM / 200 STUDENTS
Small Group / Reading	500 SF	7 @ varies SF = 1,545 NSF	2 @ 500 SF = 1,000 NSF	545 NSF	1 ROOM / 400 STUDENTS
		4,245 NSF	7,750 NSF	(3,505) NSF	
<b>Art &amp; Music</b>					
Art: Project Room / Classroom	1,000 SF	2 @ varies SF = 1,750 NSF	1 @ 1,000 SF = 1,000 NSF	750 NSF	
Art: Workroom w/ storage and kiln	150 SF	0 @ 150 SF = 0 NSF	1 @ 150 SF = 150 NSF	(150) NSF	
Music: General Instruction Room	1,200 SF	0 @ 1,200 SF = 0 NSF	1 @ 1,200 SF = 1,200 NSF	(1,200) NSF	
Music: Practice / Emsemble Room	75 SF	0 @ 75 SF = 0 NSF	4 @ 75 SF = 300 NSF	(300) NSF	
		1,750 NSF	2,650 NSF	(900) NSF	
<b>Health &amp; Physical Education</b>					
Gym	min. 6,000 SF	2 @ varies SF = 6,890 NSF	1 @ 6,000 SF = 6,000 NSF	890 NSF	
Gym storage	150 SF	2 @ varies SF = 650 NSF	1 @ 150 SF = 150 NSF	500 NSF	
Raised Platform (Memorial School)	in Dining/FS SF	1 @ 1,160 SF = 1,160 NSF	0 @ 0 SF = 0 NSF	1,160 NSF	
Health Instructor Office (PE Office)	150 SF	1 @ 100 SF = 100 NSF	1 @ 150 SF = 150 NSF	(50) NSF	
		8,800 NSF	6,300 NSF	2,500 NSF	
<b>Media Center</b>					
Media Center - Reading Room	varies SF	2 @ varies SF = 3,985 NSF	1 @ 4,180 SF = 4,180 NSF	(195) NSF	SIZED FOR 780 STUDENTS (50% PK / 100% K)
Media Center - Computers	not noted	2 @ varies SF = 1,575 NSF	0 @ 0 SF = 0 NSF	1,575 NSF	
Media Center - Gathering / Performance / Demonstration	not noted	0 @ 2,400 SF = 0 NSF	1 @ 2,400 SF = 2,400 NSF	(2,400) NSF	IN LIEU OF AUDITORIUM / DEDICATED PERFORMANCE AREA
		5,560 NSF	6,580 NSF	(1,020) NSF	
<b>Dining &amp; Food Service</b>					
Cafeteria / Dining Room	varies SF	2 @ varies SF = 4,430 NSF	1 @ 5,400 SF = 5,400 NSF	(970) NSF	2 SEATINGS: 360 STUDENTS K-5 EA SEATING (ASSUMES THAT PK DOES NOT EAT LUNCH)
Stage	1,000 SF	0 @ 1,000 SF = 0 NSF	1 @ 1,000 SF = 1,000 NSF	(1,000) NSF	
Storage: Chair / table / equipment	200+ SF	0 @ 200 SF = 0 NSF	1 @ 200 SF = 200 NSF	(200) NSF	
Kitchen	1,600+ SF	2 @ varies SF = 3,215 NSF	1 @ 1,600 SF = 1,600 NSF	1,615 NSF	
Staff Lunch Room	200+ SF	1 @ varies SF = 340 NSF	1 @ 325 SF = 325 NSF	15 NSF	
		7,985 NSF	8,525 NSF	(540) NSF	
<b>Medical</b>					
Medical Suite toilet	60 SF	1 @ incl bel SF = n/a NSF	2 @ 60 SF = 120 NSF	120 NSF	
Nurses Office / Waiting Room	250 SF	2 @ varies SF = 690 NSF	1 @ 250 SF = 250 NSF	440 NSF	
Exam Room / Resting	100 SF	0 @ 100 SF = 0	3 @ 100 SF = 300 NSF	(300) NSF	
Health Room	not noted	1 @ 720 SF = 720 NSF	3 @ 100 SF = 300 NSF	420 NSF	
		1,410 NSF	970 NSF	680 NSF	
<b>Administration &amp; Guidance</b>					
General Office / Waiting Room / Toilet	300+ SF	9 @ varies SF = 1,405 NSF	1 @ 540 SF = 540 NSF		
Teachers Mail Room / Time Room	100 SF	included in General Office	1 @ 100 SF = 100 NSF		
Duplicating Room	150 SF	included in General Office	1 @ 150 SF = 150 NSF		
Records Room	110 SF	included in General Office	1 @ 110 SF = 110 NSF		
Office: Principal (w/ Conference Area)	375 SF	included in General Office	1 @ 375 SF = 375 NSF		
Principal's Secretary / Waiting	125 SF	included in General Office	1 @ 125 SF = 125 NSF		
Office: Assistant Principal	120 SF	included in General Office	1 @ 120 SF = 120 NSF		
Office: Supervisory / Spare	120 SF	included in General Office	0 @ 120 SF = 0 NSF		
Conference Room	250 SF	2 @ varies SF = 415 NSF	1 @ 250 SF = 250 NSF		
Office - Guidance / Psychologist	150 SF	2 @ varies SF = 495 NSF	2 @ 150 SF = 300 NSF		
Guidance Storeroom	35 SF	0 @ 35 SF = 0 NSF	1 @ 35 SF = 35 NSF		
Teachers Work Room	300+ SF	1 @ 270 SF = 270 NSF	1 @ 540 SF = 540 NSF		
		2,315 NSF	2,645 NSF	(330) NSF	
<b>Custodial, Maintenance, &amp; Dedicated Storage</b>					
Office: Custodian	150 SF	included in Custodian's Storage	1 @ 150 SF = 150 NSF		
Custodian's Workshop	375 SF	included in Custodian's Storage	1 @ 375 SF = 375 NSF		
Custodian's Storage	375 SF	9 @ varies SF = 2,720 NSF	1 @ 375 SF = 375 NSF		
Recycling Room / Trash	400 SF	included in Custodian's Storage	1 @ 400 SF = 400 NSF		
Receiving / General Supply	200+ SF	included in Custodian's Storage	1 @ 380 SF = 380 NSF		
Supply Storage	200+ SF	included in Custodian's Storage	1 @ 380 SF = 380 NSF		
Network / Telecom Room	200 SF	included in Custodian's Storage	1 @ 200 SF = 200 NSF		
		2,720 NSF	2,260 NSF	460 NSF	
Total Educational Program		69,660 NSF	75,030 NSF	(5,130) NSF	
miscellaneous space (~35% of gross) (includes circulation, mechanical, toilets, walls, etc.)		40,075 SF	40,401 SF		
TOTAL PROJECT PROGRAM: Grades PK-5 FACILITY		109,735 GSF	115,430 GSF	(5,695) GSF	
Existing Primary School Building		57,980 GSF			
Existing Memorial School Building		51,755 GSF			
MSBA: 840/780 students PK-5 ASSUMES 50% PK / 100% K-5 (=780 students @ 145 GSF/student)		113,100 GSF			

TOTAL EXISTING EDUCATIONAL CAPACITY: 828 STUDENTS K-5  
PRIMARY: 27 CLASS - 6 PULLOUT ((1) RESOURCE, (3) SPED, (1) ART, (1) MUSIC) = 21 CLASSROOMS @ 23 STUDENTS / ROOM = 483 STUDENTS  
MEMORIAL: 21 CLASS - 6 PULLOUT ((1) RESOURCE, (3) SPEC, (1) ART, (1) MUSIC) = 15 CLASSROOMS @ 23 STUDENTS / ROOM = 345 STUDENTS





P R E L I M I N A R Y

1411 / School Facilities Study

GRADES 9-12

Preliminary Educational Program

revised September 24, 2014

ASSUMPTIONS:

- 480 STUDENTS GRADES 9-12
- 120 STUDENTS PER GRADE
- (2) CAFETERIA SEATINGS
- FIVE ACADEMIC PERIODS PER DAY (25 PER WEEK)

	MSBA GUIDELINES	EXISTING (LHS)		PROPOSED		DIFFERENCE	
		# OF ROOMS @	ROOM SIZE		# OF ROOMS @	ROOM SIZE	
			EQUALS NET AREA (NSF)			EQUALS NET AREA (NSF)	
NAME	RANGE OF SIZES						DESCRIPTION OF 'REQUIRED' SPACE
Core Academic Spaces: Classrooms							
Classroom: General	825 - 950 SF	23 @	varies SF = 18,955 NSF	12 @	900 SF = 10,800 NSF	8,155 NSF	480 STUDENTS @ 23 PER ROOM = 21 ROOMS @ 85% = 18 ROOMS MINUS (4 SCI + 1 ART + 1 TECH + 1 MAKER SPACE): 12 ROOMS
Classroom: Small Group Seminar / Resource	500 SF	0 @	500 SF = 0 NSF	1 @	500 SF = 500 NSF	(500) NSF	
Classroom: Science / Lab	1,440 SF	5 @	varies SF = 5,015 NSF	4 @	1,440 SF = 5,760 NSF	(745) NSF	480 STUDENTS / 23 PER ROOM = 21 SESSIONS @ 5 DAYS = 105 SESSIONS @ 85% = 90 SESSIONS REQUIRED: 4 ROOMS
Prep Room	200 SF	5 @	varies SF = incl. above	4 @	200 SF = 800 NSF	(800) NSF	
Storage Room: Central Chemical Storage	200 SF	0 @	200 SF = 0 NSF	1 @	200 SF = 200 NSF	(200) NSF	
Teacher Planning	100 SF	0 @	100 SF = 0 NSF	4 @	100 SF = 400 NSF	(400) NSF	
			23,970 NSF		18,460 NSF	5,510 NSF	
Special Education							
SPED: Self-Contained	950 SF	2 @	varies SF = 1,970 NSF	3 @	950 SF = 2,850 NSF	0 NSF	480 STUDENTS @ 8% = 38 STUDENTS @ 12 PER ROOM: 3 ROOMS
SPED: Self-Contained Toilet	60 SF	0 @	60 SF = 0 NSF	3 @	60 SF = 180 NSF	0 NSF	
Resource Room / OP_PT	500 SF	2 @	varies SF = 515 NSF	1 @	500 SF = 500 NSF	0 NSF	
Small Group	500 SF	3 @	varies SF = 1,040 NSF	1 @	500 SF = 500 NSF	0 NSF	
			3,525 NSF		4,030 NSF	(505) NSF	
Art & Music							
Art: Project Room / Classroom	1,200 SF	2 @	varies SF = 2,180 NSF	1 @	1,200 SF = 1,200 NSF	980 NSF	480 STUDENTS @ 25 PER ROOM = 19 SESSIONS @ 5 DAYS = 95 SESSIONS @ 25% = 25 SESSIONS REQUIRED: 1 ROOM
Art: Workroom w/ Storage and Kiln	150 SF	0 @	150 SF = 0 NSF	1 @	150 SF = 150 NSF	(150) NSF	adjacent to art room
Music: Large Ensemble / Band	1,500 S	1 @	1,410 SF = 1,410 NSF	1 @	1,500 SF = 1,500 NSF	(90) NSF	480 STUDENTS @ 100 PER ROOM = 5 SESSIONS @ 5 DAYS = 25 SESSIONS @ 25% = 6 SESSIONS REQUIRED: 1 ROOM
Music: Large Ensemble / Chorus	1,500 SF	0 @	1,500 SF = shared w/ band	1 @	1,500 SF = 1,500 NSF	(1,500) NSF	
Music: Small Ensemble Room	200 SF	0 @	200 SF = 0 NSF	1 @	200 SF = 200 NSF	(200) NSF	
Music: Practice Room	75 SF	2 @	75 SF = incl. in band	2 @	75 SF = 150 NSF	(150) NSF	
Music: Storage Room	500 SF	0 @	500 SF = 0 NSF	1 @	500 SF = 500 NSF	(500) NSF	
			3,590 NSF		5,200 NSF	(1,610) NSF	
Vocations & Technology							
Classroom: Drafting, Business, etc.	1,200 SF	0 @	1,200 SF = 0 NSF	1 @	1,200 SF = 1,200 NSF	(1,200) NSF	480 STUDENTS @ 23 PER ROOM = 21 SESSIONS @ 5DAYS = 105 SESSIONS @ 25% = 26 SESSIONS REQUIRED: 1 ROOM
Shop	2,000 SF	0 @	2,000 SF = 0 NSF	1 @	2,000 SF = 2,000 NSF	(2,000) NSF	480 STUDENTS @ 23 PER ROOM = 21 SESSIONS @ 5DAYS = 105 SESSIONS @ 25% = 26 SESSIONS REQUIRED: 1 ROOM
Computers	not noted	3 @	varies = 2,625 NSF	0 @	0 SF = 0 NSF	2,625 NSF	
			2,625 NSF		3,200 NSF	(575) NSF	
Health & Physical Education							
Gym	12,000 SF	1 @	8,390 SF = 8,390 NSF	1 @	8,390 SF = 8,390 NSF	0 NSF	
PE Alternatives	3,000 SF	2 @	varies SF = 745 NSF	1 @	3,000 SF = 3,000 NSF	(2,255) NSF	
Gym Storage	300 SF	0 @	300 SF = 0 NSF	1 @	300 SF = 300 NSF	(300) NSF	
Locker Room: Girls / Boys (w/ toilets)	varies SF	2 @	varies SF = 3,750 NSF	2 @	1,350 SF = 2,700 NSF	1,050 NSF	240 STUDENTS @ 5.6 SF = 1,344 SF
Phys. Ed Storage	500 SF	0 @	500 SF = 0 NSF	1 @	500 SF = 500 NSF	(500) NSF	
Office: Athletic Director	150 SF	1 @	845 SF = 845 NSF	1 @	150 SF = 150 NSF	695 NSF	
Office: Health Instructor	250 SF	0 @	250 SF = 0 NSF	1 @	250 SF = 250 NSF	(250) NSF	includes shower and toilet
			13,730 NSF		15,290 NSF	(1,560) NSF	
Media Center							
Media Center - Reading Room	3,650+ SF	1 @	2,230 SF = 2,230 NSF	1 @	2,230 SF = 2,230 NSF	0 NSF	
CATV	not noted	1 @	180 SF = 180 NSF	1 @	180 SF = 180 NSF	0 NSF	
Distance Learning Room	not noted	1 @	160 SF = 160 NSF	1 @	600 SF = 600 NSF	(440) NSF	
			2,570 NSF		3,010 NSF	(440) NSF	
Auditorium / Drama							
Auditorium	up to 7,500 SF	1 @	4,700 SF = 4,700 NSF	1 @	4,700 SF = 4,700 NSF	0 NSF	480 STUDENTS @ 67% = 320 STUDENTS @ 10 SF - 3200 SF.
Stage	1,600 SF	1 @	1,700 SF = 1,700 NSF	1 @	1,700 SF = 1,700 NSF	0 NSF	
Storage: Auditorium	250 SF	0 @	250 SF = 0 NSF	1 @	250 SF = 250 NSF	(250) NSF	
Green Room: Make-up / Dressing	300 SF	0 @	300 SF = 0 NSF	2 @	200 SF = 400 NSF	(400) NSF	
Control Room: Lighting / Projection	200 SF		included in Stage	1 @	200 SF = 200 NSF	(200) NSF	
			6,400 NSF		7,250 NSF	(850) NSF	
Dining & Food Service							
Cafeteria / Dining Room	varies SF	1 @	3,470 SF = 3,470 NSF	1 @	3,600 SF = 3,600 NSF	(130) NSF	480 STUDENTS @ 2 SEATINGS = 240 STUDENTS @ 15 SF/STUDENT
Storage: Chair / table / equipment	300 SF	0 @	300 SF = 0 NSF	1 @	300 SF = 300 NSF	(300) NSF	
Scramble Serving Area	600 SF	0 @	600 SF = 0 NSF	1 @	600 SF = 600 NSF	(600) NSF	
Kitchen	1,600+ SF	1 @	1,955 SF = 1,955 NSF	1 @	1,955 SF = 1,955 NSF	0 NSF	
Staff Lunch Room	400 SF	0 @	400 SF = 0 NSF	1 @	400 SF = 400 NSF	(400) NSF	
			5,425 NSF		6,855 NSF	(1,430) NSF	
Medical							
Medical Suite: Toilet	60 SF		included below	2 @	60 SF = 120 NSF		
Nurse: Office / Waiting Room	250 SF	1 @	540 SF = 540 NSF	1 @	250 SF = 250 NSF		
Nurse: Interview Room	100 SF		included above	1 @	100 SF = 100 NSF		
Nurse: Exam Room / Rest Area	100 SF		included above	2 @	100 SF = 200 NSF		
			540 NSF		670 NSF	(130) NSF	
Administration & Guidance							
Administration: General Office / Waiting Room	300+ SF	7 @	varies SF = 1,980 NSF	1 @	300 SF = 300 NSF		
Administration: Teachers Mail Room / Time Room	100 SF		included in Admin above	1 @	100 SF = 100 NSF		
Administration: Duplicating / Copy Room	200 SF		included in Admin above	1 @	200 SF = 200 NSF		
Administration: Records Room	200 SF		included in Admin above	1 @	200 SF = 200 NSF		
Administration Office: Principal (w/ Conference Area)	375 SF		included in Admin above	1 @	375 SF = 375 NSF		
Administration: Principal's Secretary / Waiting	125 SF		included in Admin above	1 @	125 SF = 125 NSF		
Administration Office: Assistant Principal	150 SF		included in Admin above	1 @	150 SF = 150 NSF		
Administration Office: Supervisory / Spare	120 SF		included in Admin above	0 @	120 SF = 0 NSF		
Conference Room	450 SF	1 @	400 SF = 400 NSF	1 @	300 SF = 300 NSF		NOT IN COMPLIANCE WITH MSBA GUIDELINES (MSBA NOTES NO CONFERENCE ROOM UNTIL >500 STUDENTS)
Guidance: Counsellor Office	150 SF	5 @	varies SF = 735 NSF	2 @	150 SF = 300 NSF		
Guidance: Waiting Room	100 SF		included in Guidance above	1 @	100 SF = 100 NSF		
Guidance Storeroom	50 SF		included in Guidance above	1 @	50 SF = 50 NSF		
Guidance: Career Center	300+ SF		included in Guidance above	1 @	300 SF = 300 NSF		
Guidance: Records Room	100+ SF		included in Guidance above	1 @	100 SF = 100 NSF		
Teachers Work Room	300+ SF	2 @	varies SF = 840 NSF	1 @	300 SF = 300 NSF		
			3,955 NSF		2,900 NSF	1,055 NSF	
Custodial, Maintenance, & Dedicated Storage							
Office: Custodian	150 SF	8 @	varies SF = 3,740 NSF	1 @	150 SF = 150 NSF		
Workshop	250 SF		included in Custodial above	1 @	250 SF = 250 NSF		
Storage	375 SF		included in Custodial above	1 @	375 SF = 375 NSF		
Recycling Room / Trash	400 SF		included in Custodial above	1 @	400 SF = 400 NSF		
Receiving / General Supply	300+ SF		included in Custodial above	1 @	300 SF = 300 NSF		
Supply Storage	400+ SF		included in Custodial above	1 @	400 SF = 400 NSF		
Network / Telecom Room	200 SF	1 @	185 SF = 185 NSF	1 @	200 SF = 200 NSF		
			3,925 NSF		2,075 NSF	1,850 NSF	
District-Wide Spaces							
Office: Superintendent	not noted/allowed	0 @	240 sf = 0 NSF	1 @	240 SF = 240 NSF	(240) NSF	NOT INCLUDED IN MSBA GUIDELINES
Office: Superintendent Secretary	not noted/allowed	0 @	120 sf = 0 NSF	1 @	120 sf = 120 NSF	(120) NSF	NOT INCLUDED IN MSBA GUIDELINES
Office: Director of Curriculum	not noted/allowed	0 @	160 sf = 0 NSF	1 @	160 sf = 160 NSF	(160) NSF	NOT INCLUDED IN MSBA GUIDELINES
Office: Special Education Director	not noted/allowed	0 @	160 sf = 0 NSF	1 @	160 sf = 160 NSF	(160) NSF	NOT INCLUDED IN MSBA GUIDELINES
Office: Special Education Director Secretary	not noted/allowed	0 @	120 sf = 0 NSF	1 @	120 sf = 120 NSF	(120) NSF	NOT INCLUDED IN MSBA GUIDELINES
Office: Finance and Operations Director	not noted/allowed	0 @	160 sf = 0 NSF	1 @	160 sf = 160 NSF	(160) NSF	NOT INCLUDED IN MSBA GUIDELINES
Office: Payroll Clerk	not noted/allowed	0 @	120 sf = 0 NSF	1 @	120 sf = 120 NSF	(120) NSF	NOT INCLUDED IN MSBA GUIDELINES
Office: AP Clerk	not noted/allowed	0 @	120 sf = 0 NSF	1 @	120 sf = 120 NSF	(120) NSF	NOT INCLUDED IN MSBA GUIDELINES
Office: Health Coordinator	not noted/allowed	1 @	630 SF = 630 NSF	1 @	160 SF = 160 NSF	470 NSF	NOT INCLUDED IN MSBA GUIDELINES
Shared Office: Food Services Director and Clerk	not noted/allowed	0 @	200 SF = 0 NSF	1 @	200 SF = 200 NSF	(200) NSF	NOT INCLUDED IN MSBA GUIDELINES
Facilities Manager	not noted/allowed	1 @	300 SF = 300 NSF	1 @	300 SF = 300 NSF	0 NSF	NOT INCLUDED IN MSBA GUIDELINES
Technical Support	not noted/allowed	1 @	200 SF = 200 NSF	1 @	200 SF = 200 NSF	0 NSF	NOT INCLUDED IN MSBA GUIDELINES
			1,130 NSF		2,060 NSF	(930) NSF	
Total Educational Program			71,385 NSF	71,000 NSF			385 NSF
miscellaneous space (~42.5% of gross) (includes circulation, mechanical, toilets, walls, etc.)			37,930 SF	38,200 SF			
TOTAL PROJECT PROGRAM: Grades 9-12 FACILITY			109,315 GSF				
Existing Leicester High School Facility							
MSBA: 480 student HS 480 students @ 226 GSF/student							
TOTAL EXISTING EDUCATIONAL CAPACITY: 575 STUDENTS 9-12							
36 CLASSROOMS - 6 SPECIALISTS ((3) SPED, (1) RESOURCE, (1) CAD, (1) SHOP) = 30 CLASSROOMS @ 85% UTILIZATION = 25 CLASSROOMS @ 23 STUDENTS / ROOM = 575 STUDENTS							







P R E L I M I N A R Y

1411 / School Facilities Study

GRADES 6-8

Preliminary Educational Program  
revised September 24, 2014

- ASSUMPTIONS:
- 360 STUDENTS GRADES 6-8
  - 120 STUDENTS PER GRADE: 5 ROOM TEAM / GRADE (MATH, ENGLISH, SCIENCE, SOCIAL STUDIES, FOREIGN LANGUAGE)
  - (2) CAFETERIA SEATINGS

	MSBA GUIDELINES	EXISTING (LMS)		PROPOSED		DIFFERENCE						
NAME	RANGE OF SIZES	# OF ROOMS @	ROOM SIZE	EQUALS NET AREA (NSF)	# OF ROOMS @	ROOM SIZE	EQUALS NET AREA (NSF)	EQUALS NET AREA (NSF)	DESCRIPTION OF SPACE			
Core Academic Spaces: Classrooms												
Classroom: General	850 - 950 SF	19 @	varies SF =	14,795 NSF	12 @	900 SF =	10,800 NSF	3,995 NSF	1 (5) ROOM TEAM (INCLUDING SCIENCE) PER GRADE - NOT IN COMPLIANCE WITH MSBA GUIDELINES (MSBA GUIDELINES = 7 HOMEROOMS)			
Classroom: Small Group Seminar / Resource	500 SF	0 @	500 SF =	0 NSF	1 @	500 SF =	500 NSF	(500) NSF				
Classroom: Science / Lab	1,200 SF	3 @	varies SF =	3,240 NSF	3 @	1,200 SF =	3,600 NSF	(360) NSF				
Prep Room	80 SF		included above		3 @	80 SF =	240 NSF	(240) NSF				
				18,035 NSF			15,140 NSF	2,895 NSF				
Special Education												
SPED: Self-Contained	950 SF	1 @	840 SF =	840 NSF	2 @	950 SF =	1,900 NSF		8% OF 360 = 28 STUDENTS @ 12 PER ROOM = 2 ROOMS			
SPED: Self-Contained Toilet	60 SF	0 @	60 SF =	0 NSF	2 @	60 SF =	120 NSF					
Resource Room - OT/PT	500 SF	2 @	varies SF =	910 NSF	2 @	500 SF =	1,000 NSF					
Small Group / Reading	500 SF	1 @	195 SF =	195 NSF	1 @	500 SF =	500 NSF					
				1,945 NSF			3,520 NSF	(1,575) NSF				
Art & Music												
Art: Project Room / Classroom	1,200 SF	1 @	1,300 SF =	1,300 NSF	1 @	1,200 SF =	1,200 NSF	100 NSF	50% OF 360 = 180 STUDENTS @ 23/ROOM = 8 SESSIONS @ 2X/WEEK = 16 SESSIONS (35 SESSIONS AVAILABLE)			
Art: Workroom w/ Storage and Kiln	150 SF	0 @	150 SF =	0 NSF	1 @	150 SF =	150 NSF	(150) NSF				
Large Ensemble: Band / Chorus	1,200 SF	1 @	635 SF =	635 NSF	1 @	1,200 SF =	1,200 NSF	(565) NSF				
Music: Practice / Emsemble Room	200 SF	1 @	330 SF =	330 NSF	1 @	200 SF =	200 NSF	130 NSF				
				2,265 NSF			2,750 NSF	(485) NSF				
Vocations & Technology												
Classroom: Drafting, Business, etc.	1,200 SF	0 @	1,200 SF =	0 NSF	1 @	1,200 SF =	1,200 NSF	(1,200) NSF	25% OF 360 = 90 @ 23/CLASS = 4 SESSIONS @ 5X/WEEK = 20 SESSIONS (35 SESSIONS AVAILABLE)			
Shop: Applied Technology / Robotics / MAKER SPACE	2,000 SF	0 @	2,000 SF =	0 NSF	1 @	2,000 SF =	2,000 NSF	(2,000) NSF	25% OF 360 = 90 @ 23/CLASS = 4 SESSIONS @ 5X/WEEK = 20 SESSIONS (35 SESSIONS AVAILABLE)			
				0 NSF			3,200 NSF	(3,200) NSF				
Health & Physical Education												
Gym	min. 6,000 SF	1 @	6,700 SF =	6,700 NSF	1 @	10,000 SF =	10,000 NSF	(3,300) NSF	50'x84' COURT, 10' END ZONES, 5' ONE SIDE, 40' OTHER SIDE (FOR BLEACHERS)			
Gym storage	150 SF	0 @	150 SF =	0 NSF	1 @	150 SF =	150 NSF	(150) NSF				
Weight Room	not noted	1 @	1,000 SF =	1,000 NSF	1 @	1,000 SF =	1,000 NSF	0				
Health Instructor Office	250 SF	1 @	80 SF =	80 NSF	1 @	250 SF =	250 NSF	(170) NSF				
Locker Rooms: Boys and Girls w/ showers	1,000 SF	2 @	varies SF =	4,030 NSF	2 @	1,000 SF =	2,000 NSF	2,030 NSF				
				11,810 NSF			13,400 NSF	(1,590) NSF				
Media Center												
Media Center - Reading Room	2,680+ SF	2 @	varies SF =	2,630 NSF	1 @	2,680 SF =	2,680 NSF	(50) NSF				
Computers	not noted	3 @	varies SF =	1,385 NSF	0 @	0 SF =	0 NSF	1,385				
Conference	not noted	1 @	185 SF =	185 NSF	0 @	0 SF =	0 NSF	185 NSF				
				4,200 NSF			2,680 NSF	1,520 NSF				
Auditorium												
Seating Area	not noted	1 @	1,600 SF =	1,600 NSF		not noted		1,600 NSF				
Stage	not noted	1 @	615 SF =	615 NSF		not noted		615 NSF				
				2,215 NSF			0 NSF	2,215 NSF				
Dining & Food Service												
Cafeteria / Dining Room	varies SF	1 @	2,915 SF =	2,915 NSF	1 @	2,700 SF =	2,700 NSF	215 NSF	2 SEATINGS = 820 STUDENTS @ 15 SF/STUDENT			
Stage	1,600 SF	0 @	1,600 SF =	0 NSF	1 @	1,600 SF =	1,600 NSF	(1,600) NSF				
Storage: Chair / table / equipment	200+ SF	0 @	200 SF =	0 NSF	1 @	200 SF =	200 NSF	(200) NSF				
Kitchen	1,600+ SF	4 @	varies SF =	2,140 NSF	1 @	1,600 SF =	1,600 NSF	540 NSF				
Staff Lunch Room	200+ SF	1 @	820 SF =	820 NSF	1 @	200 SF =	200 NSF	620 NSF				
				5,875 NSF			6,300 NSF	(425) NSF				
Medical												
Medical Suite toilet	60 SF		included in Nurse Office		2 @	60 SF =	120 NSF					
Nurses Office / Waiting Room	250 SF	4 @	varies SF =	560 NSF	1 @	250 SF =	250 NSF					
Exam Room / Resting	100 SF		included in Nurse Office		2 @	100 SF =	200 NSF					
				560 NSF			570 NSF	(10) NSF				
Administration & Guidance												
General Office / Waiting Room / Toilet	300+ SF	14 @	varies SF =	2,210 NSF	1 @	300 SF =	300 NSF		NOT IN COMPLIANCE WITH MSBA GUIDELINES (MSBA NOTES NO CONFERENCE ROOM UNTIL >500 STUDENTS)			
Teachers Mail Room / Time Room	100 SF		included in General Office above		1 @	100 SF =	100 NSF					
Duplicating / Copy Room	200 SF		included in General Office above		1 @	200 SF =	200 NSF					
Records Room	200 SF		included in General Office above		1 @	200 SF =	200 NSF					
Office: Principal (w/ Conference Area)	375 SF		included in General Office above		1 @	375 SF =	375 NSF					
Principal's Secretary / Waiting	125 SF		included in General Office above		1 @	125 SF =	125 NSF					
Office: Assistant Principal	150 SF		included in General Office above		1 @	150 SF =	150 NSF					
Office: Supervisory / Spare	150 SF		included in General Office above		0 @	150 SF =	0 NSF					
Conference Room	350 SF		included in General Office above		1 @	350 SF =	350 NSF					
Office - Guidance	150 SF		included in General Office above		2 @	150 SF =	300 NSF					
Guidance Waiting Room	100 SF		included in General Office above		1 @	100 SF =	100 NSF					
Guidance Storeroom	50 SF		included in General Office above		1 @	50 SF =	50 NSF					
Teachers Work Room	300+ SF	2 @	varies SF =	1,295 NSF	1 @	330 SF =	330 NSF	965 NSF				
				3,665 NSF			2,580 NSF	1,085 NSF				
Custodial, Maintenance, & Dedicated Storage												
Office: Custodian	150 SF	11 @	varies SF =	4,425 NSF	1 @	150 SF =	150 NSF					
Custodian's Workshop	250 SF		included in Custodian above		1 @	250 SF =	250 NSF					
Custodian's Storage	375 SF		included in Custodian above		1 @	375 SF =	375 NSF					
Recycling Room / Trash	400 SF		included in Custodian above		1 @	400 SF =	400 NSF					
Receiving / General Supply	200+ SF		included in Custodian above		1 @	220 SF =	220 NSF					
Supply Storage	200+ SF		included in Custodian above		1 @	240 SF =	240 NSF					
Outdoor Maintenance	not noted	2 @	varies sf =	2800 NSF	0 @	2,800 SF =	0 NSF					
Network / Telecom Room	200 SF	1 @	250 SF =	250 NSF	1 @	200 SF =	200 NSF					
				4,675 NSF			1,835 NSF	2,840 NSF				
Total Educational Program										53,030 NSF	51,975 NSF	3,270 NSF
miscellaneous space (~42.5% of gross) (includes circulation, mechanical, toilets, walls, etc.)										22,470 SF	28,025 SF	
TOTAL PROJECT PROGRAM: Grades 6-8 FACILITY										75,500 GSF	80,000 GSF	(4,500) SF
Existing Leicester Middle School Facility										75,500 GSF		
MSBA: 360 student MS (=360 students @ 190 GSF / student)										68,400 GSF		
JOHNSON												





P R E L I M I N A R Y

1411 / School Facilities Study

GRADES 6-12

Preliminary Educational Program  
revised September 24, 2014

ASSUMPTIONS:

840 STUDENTS (360 STUDENTS GRADES 6-8 + 480 STUDENTS GRADES 9-12)

120 STUDENTS PER GRADE

FIVE ACADEMIC PERIODS PER DAY (25 PER WEEK)

(2) CAFETERIA SEATINGS

	MSBA GUIDELINES	EXISTING (LHS)		REQUIRED		DIFFERENCE	
		# OF ROOMS @	ROOM SIZE	# OF ROOMS @	ROOM SIZE		
			EQUALS NET AREA (NSF)		EQUALS NET AREA (NSF)		
NAME	RANGE OF SIZES						DESCRIPTION OF 'REQUIRED' SPACE
Core Academic Spaces: Classrooms							
Classrooms: General - Grades 6-8	825 - 950 SF	0 @	900 SF = 0 NSF	12 @	900 SF = 10,800 NSF	(10,800) NSF	1 (5) ROOM TEAM (INCLUDING SCIENCE) PER GRADE - NOT IN COMPLIANCE WITH MSBA GUIDELINES (MSBA GUIDELINES = 7 HOMEROOMS)
Classrooms: General - Grades 9-12	825 - 950 SF	23 @	varies SF = 18,955 NSF	12 @	900 SF = 10,800 NSF	8,155 NSF	480 STUDENTS @ 23 PER ROOM = 21 ROOMS @ 85% = 18 ROOMS MINIUS (4 SCI + 1 ART + 1 TECH + 1 MAKER SPACE): 12 ROOMS REQUIRED
Classroom: Small Group Seminar / Resource	500 SF	0 @	500 SF = 0 NSF	2 @	500 SF = 1,000 NSF	(1,000) NSF	
Classroom: Science / Lab	1,440 SF	5 @	varies SF = 5,015 NSF	7 @	1,440 SF = 10,080 NSF	(5,065) NSF	840 STUDENTS / 23 PER ROOM = 37 SESSIONS @ 5 DAYS = 185 SESSIONS @ 85% UTIL = 158 SESSIONS REQUIRED: 7 ROOMS
Prep Room	200 SF	5 @	varies SF = incl. above	7 @	200 SF = 1,400 NSF	(1,400) NSF	
Storage Room: Central Chemical Storage	200 SF	0 @	200 SF = 0 NSF	1 @	200 SF = 200 NSF	(200) NSF	
Teacher Planning	100 SF	0 @	100 SF = 0 NSF	7 @	100 SF = 700 NSF	(700) NSF	
			23,970 NSF		34,980 NSF	(11,010) NSF	
Special Education							
SPED: Self-Contained	950 SF	2 @	varies SF = 1,970 NSF	6 @	950 SF = 5,700 NSF		840 STUDENTS @ 8% = 68 STUDENTS @ 12 PER ROOM: 6 ROOMS
SPED: Self-Contained Toilet	60 SF	0 @	60 SF = 0 NSF	6 @	60 SF = 360 NSF		
Resource Room / OP_PT	500 SF	2 @	varies SF = 515 NSF	3 @	500 SF = 1,500 NSF		(2) FOR MS, (1) FOR HS
Small Group	500 SF	3 @	varies SF = 1,040 NSF	2 @	500 SF = 1,000 NSF		
			3,525 NSF		8,560 NSF	(5,035) NSF	
Art & Music							
Art: 2D (MS Project Room / Classroom)	1,200 SF	0 @	1,200 SF = 0 NSF	1 @	1,200 SF = 1,200 NSF	(1,200) NSF	360 STUDENTS @ 23 PER ROOM = 21 SESSIONS @ 2 DAYS = 42 SESSIONS @ 50% = 21 SESSIONS REQUIRED: 1 ROOM
Art: 3D (HS Project Room / Classroom)	1,200 SF	2 @	varies SF = 2,180 NSF	1 @	1,200 SF = 1,200 NSF	980 NSF	480 STUDENTS @ 25 PER ROOM = 21 SESSIONS @ 5 DAYS = 95 SESSIONS @ 25% = 25 SESSIONS REQUIRED: 1 ROOM
Art: Workroom w/ Storage and Kiln	150 SF	0 @	150 SF = 0 NSF	1 @	150 SF = 150 NSF	(150) NSF	
Music: Large Ensemble / Band	1,500 SF	1 @	1,410 SF = 1,410 NSF	1 @	1,500 SF = 1,500 NSF	(90) NSF	480 STUDENTS @ 100 PER ROOM = 5 SESSIONS @ 5 DAYS = 25 SESSIONS @ 25% = 6 SESSIONS REQUIRED: 1 ROOM
Music: Large Ensemble / Chorus	1,500 SF	0 @	1,500 SF = shared w/ band	1 @	1,500 SF = 1,500 NSF	(1,500) NSF	
Music: Small Ensemble Room	200 SF	0 @	200 SF = 0 NSF	1 @	200 SF = 200 NSF	(200) NSF	
Music: Practice Room	75 SF	2 @	75 SF = incl. in band	3 @	75 SF = 225 NSF	(150) NSF	
Music: Storage Room	500 SF	0 @	500 SF = 0 NSF	1 @	500 SF = 500 NSF	(500) NSF	
			3,590 NSF		6,475 NSF	(2,885) NSF	
Vocations & Technology							
Classroom: Drafting, Business, etc. (MS)	1,200 SF	0 @	1,200 SF = 0 NSF	1 @	1,200 SF = 1,200 NSF	(1,200) NSF	360 STUDENTS @ 23 PER ROOM = 16 SESSIONS @ 5DAYS = 80 SESSIONS @ 25% = 20 SESSIONS REQUIRED: 1 ROOM
Classroom: Drafting, Business, etc. (HS)	1,200 SF	0 @	1,200 SF = 0 NSF	1 @	1,200 SF = 1,200 NSF	(1,200) NSF	480 STUDENTS @ 23 PER ROOM = 21 SESSIONS @ 5DAYS = 105 SESSIONS @ 25% = 26 SESSIONS REQUIRED: 1 ROOM
Shop: Applied Technology / robotics / MAKER SPACE (MS)	2,000 SF	0 @	2,000 SF = 0 NSF	1 @	2,000 SF = 2,000 NSF	(2,000) NSF	360 STUDENTS @ 23 PER ROOM = 16 SESSIONS @ 5DAYS = 80 SESSIONS @ 25% = 20 SESSIONS REQUIRED: 1 ROOM
Shop: Applied Technology / robotics / MAKER SPACE (HS)	2,000 SF	0 @	2,000 SF = 0 NSF	1 @	2,000 SF = 2,000 NSF	(2,000) NSF	480 STUDENTS @ 23 PER ROOM = 21 SESSIONS @ 5DAYS = 105 SESSIONS @ 25% = 26 SESSIONS REQUIRED: 1 ROOM
Computers	not noted	3 @	varies = 2,625 NSF	0 @	0 SF = 0 NSF	2,625 NSF	
			2,625 NSF		6,400 NSF	(3,775) NSF	
Health & Physical Education							
Small Gym / Cardio / Weights - MS	min 6,000 SF	0 @	6,000 SF = 0 NSF	1 @	6,000 SF = 6,000 NSF	(6,000) NSF	MS: TEACHING STATION 1 & 2: 50 x 84 BASKETBALL COURT = 4,200 SF
Large Gym - HS	12,000 SF	1 @	8,390 SF = 8,390 NSF	1 @	12,000 SF = 12,000 NSF	(3,610) NSF	HS: TEACHING STATION 3 & 4
PE Alternatives	3,000 SF	2 @	varies SF = 745 NSF	0 @	3,000 SF = 0 NSF	745 NSF	NOT NEEDED WITH SMALL GYM
Gym Storage	300 SF	0 @	300 SF = 0 NSF	2 @	300 SF = 600 NSF	(600) NSF	
MS Locker Room: Girls / Boys (w/ toilets)	1,000 SF	0 @	1,780 SF = 0 NSF	2 @	1,000 SF = 2,000 NSF	(2,000) NSF	MS PE AND ATHLETICS
HS Locker Room: Girls / Boys (w/ toilets)	varies SF	2 @	varies SF = 3,750 NSF	2 @	1,350 SF = 2,700 NSF	1,050 NSF	240 STUDENTS @ 5.6 SF = 1344 SF
Phys. Ed Storage	500 SF	0 @	500 SF = 0 NSF	2 @	500 SF = 1,000 NSF	(1,000) NSF	
Office: Athletic Director	150 SF	1 @	845 SF = 845 NSF	1 @	150 SF = 150 NSF	695 NSF	
Office: Health Instructor	250 SF	0 @	250 SF = 0 NSF	1 @	250 SF = 250 NSF	(250) NSF	
			13,730 NSF		24,700 NSF	(10,970) NSF	
Media Center							
Media Center - Reading Room	3,650+ SF	1 @	2,230 SF = 2,230 NSF	1 @	5,150 SF = 5,150 NSF	(2,920) NSF	SHARED SPACE FOR MS/HS
CATV	not noted	1 @	180 SF = 180 NSF	1 @	180 SF = 180 NSF	0 NSF	
Distance Learning Room	not noted	1 @	160 SF = 160 NSF	1 @	600 SF = 600 NSF	(440) NSF	
			2,570 NSF		5,930 NSF	(3,360) NSF	
Auditorium / Drama							
Auditorium	up to 7,500 SF	1 @	4,700 SF = 4,700 NSF	1 @	4,700 SF = 4,700 NSF	0 NSF	SIZED FOR HS: 480 STUDENTS @ 67% = 320 STUDENTS @ 10 SF = 3200 SF
Stage	1,600 SF	1 @	1,700 SF = 1,700 NSF	1 @	1,700 SF = 1,700 NSF	0 NSF	
Storage: Auditorium	250 SF	0 @	250 SF = 0 NSF	1 @	250 SF = 250 NSF	(250) NSF	
Green Room: Make-up / Dressing	300 SF	0 @	300 SF = 0 NSF	2 @	300 SF = 600 NSF	(600) NSF	
Control Room: Lighting / Projection	200 SF		included in Stage	1 @	200 SF = 200 NSF	(200) NSF	
			6,400 NSF		7,450 NSF	(1,050) NSF	
Dining & Food Service							
Cafeteria / Dining Room	varies SF	1 @	3,470 SF = 3,470 NSF	1 @	6,300 SF = 6,300 NSF	(2,830) NSF	840 STUDENTS @ 2 SEATINGS = 420 STUDENTS @ 15 SF/STUDENT
Storage: Chair / table / equipment	300 SF	0 @	300 SF = 0 NSF	1 @	300 SF = 300 NSF	(300) NSF	
Scramble Serving Area	600 SF	0 @	600 SF = 0 NSF	1 @	600 SF = 600 NSF	(600) NSF	
Kitchen	1,600+ SF	1 @	1,955 SF = 1,955 NSF	1 @	2,140 SF = 2,140 NSF	(185) NSF	
Staff Lunch Room	400+ SF	0 @	460 SF = 0 NSF	1 @	460 SF = 460 NSF	(460) NSF	
			5,425 NSF		9,800 NSF	(4,375) NSF	
Medical							
Medical Suite: Toilet	60 SF		included below	2 @	60 SF = 120 NSF		
Nurse: Office / Waiting Room	250 SF	1 @	540 SF = 540 NSF	2 @	250 SF = 500 NSF		
Nurse: Interview Room	100 SF		included above	2 @	100 SF = 200 NSF		
Nurse: Exam Room / Rest Area	100 SF		included above	4 @	100 SF = 400 NSF		
			540 NSF		1,220 NSF	(680) NSF	
Administration & Guidance							
Administration: General Office / Waiting Room	300+ SF	7 @	varies SF = 1,980 NSF	1 @	420 SF = 420 NSF		
Administration: Teachers Mail Room / Time Room	100 SF		included in Admin above	1 @	100 SF = 100 NSF		
Administration: Duplicating / Copy Room	200 SF		included in Admin above	1 @	200 SF = 200 NSF		
Administration: Records Room	200 SF		included in Admin above	1 @	200 SF = 200 NSF		
Administration Office: Principal (w/ Conference Area)	375 SF		included in Admin above	1 @	375 SF = 375 NSF		
Administration: Principal's Secretary / Waiting	125 SF		included in Admin above	1 @	125 SF = 125 NSF		
Administration Office: Assistant Principal	150 SF		included in Admin above	2 @	150 SF = 300 NSF		
Administration Office: Supervisory / Spare	120 SF		included in Admin above	1 @	120 SF = 120 NSF		
Conference Room	450 SF	1 @	400 SF = 400 NSF	2 @	300 SF = 600 NSF		NOT IN COMPLIANCE WITH MSBA GUIDELINES (MSBA NOTES 1 FOR 500-1,000 STUDENTS)
Guidance: Counsellor Office	150 SF	5 @	varies SF = 735 NSF	4 @	150 SF = 600 NSF		
Guidance: Waiting Room	100 SF		included in Guidance above	1 @	100 SF = 100 NSF		
Guidance: Storeroom	50 SF		included in Guidance above	1 @	50 SF = 50 NSF		
Guidance: Career Center	300+ SF		included in Guidance above	1 @	300 SF = 300 NSF		
Guidance: Records Room	100+ SF		included in Guidance above	1 @	100 SF = 100 NSF		
Teachers Work Room	300+ SF	2 @	varies SF = 840 NSF	2 @	300 SF = 600 NSF		
			3,955 NSF		4,190 NSF	(235) NSF	
Custodial, Maintenance, & Dedicated Storage							
Office: Custodian	150 SF	8 @	varies SF = 3,740 NSF	1 @	150 SF = 150 NSF		
Workshop	250 SF		included in Custodial above	1 @	250 SF = 250 NSF		
Storage	375 SF		included in Custodial above	1 @	375 SF = 375 NSF		
Recycling Room / Trash	400 SF		included in Custodial above	1 @	400 SF = 400 NSF		
Receiving / General Supply	300+ SF		included in Custodial above	1 @	360 SF = 360 NSF		
Supply Storage	400+ SF		included in Custodial above	1 @	520 SF = 520 NSF		
Network / Telecom Room	200 SF	1 @	185 SF = 185 NSF	1 @	200 SF = 200 NSF		
			3,925 NSF		2,255 NSF	1,670 NSF	
District-Wide Spaces							
Office: Superintendent	not noted/allowed	0 @	240 sf = 0 NSF	1 @	240 SF = 240 NSF	(240) NSF	NOT INCLUDED IN MSBA GUIDELINES
Office: Superintendent Secretary	not noted/allowed	0 @	120 sf = 0 NSF	1 @	120 sf = 120 NSF	(120) NSF	NOT INCLUDED IN MSBA GUIDELINES
Office: Director of Curriculum	not noted/allowed	0 @	160 sf = 0 NSF	1 @	160 sf = 160 NSF	(160) NSF	NOT INCLUDED IN MSBA GUIDELINES
Office: Special Education Director	not noted/allowed	0 @	160 sf = 0 NSF	1 @	160 sf = 160 NSF	(160) NSF	NOT INCLUDED IN MSBA GUIDELINES
Office: Special Education Director Secretary	not noted/allowed	0 @	120 sf = 0 NSF	1 @	120 sf = 120 NSF	(120) NSF	NOT INCLUDED IN MSBA GUIDELINES
Office: Finance and Operations Director	not noted/allowed	0 @	160 sf = 0 NSF	1 @	160 sf = 160 NSF	(160) NSF	NOT INCLUDED IN MSBA GUIDELINES
Office: Payroll Clerk	not noted/allowed	0 @	120 sf = 0 NSF	1 @	120 sf = 120 NSF	(120) NSF	NOT INCLUDED IN MSBA GUIDELINES
Office: AP Clerk	not noted/allowed	0 @	120 sf = 0 NSF	1 @	120 sf = 120 NSF	(120) NSF	NOT INCLUDED IN MSBA GUIDELINES
Office: Health Coordinator	not noted/allowed	1 @	630 SF = 630 NSF	1 @	160 SF = 160 NSF	470 NSF	NOT INCLUDED IN MSBA GUIDELINES
Shared Office: Food Services Director and Clerk	not noted/allowed	0 @	200 SF = 0 NSF	1 @	200 SF = 200 NSF	(200) NSF	NOT INCLUDED IN MSBA GUIDELINES
Facilities Manager	not noted/allowed	1 @	300 SF = 300 NSF	1 @	300 SF = 300 NSF	0 NSF	NOT INCLUDED IN MSBA GUIDELINES
Technical Support	not noted/allowed	1 @	200 SF = 200 NSF	1 @	200 SF = 200 NSF	0 NSF	NOT INCLUDED IN MSBA GUIDELINES
			1,130 NSF		2,060 NSF	(930) NSF	
TOTAL PROJECT PROGRAM: Grades 6-12 FACILITY							
Total Educational Program			71,385 NSF	114,020 NSF			(42,635) NSF
miscellaneous space (~42.5% of gross) (includes circulation, mechanical, toilets, walls, etc.)			37,930 SF	61,395 SF			
Existing Leicester High School Facility			109,315 GSF	175,415 GSF			(66,100) GSF
MSBA: 840 student MS/HS 360 students 6-8 @ 190 GSF/student 480 students 9-12 @ 226 GSF/student)			176,880 GSF				

