Lowell Public Schools

Facilities Analysis

School Committee Presentation - August 26, 2020

LOWELL
PUBLIC SCHOOLS

Lowell Public Schools

Building Capacity for In-Person Learning

	Bailey	Cardinal	Greenhalge	Laura Lee	Lincoln	Adie Day	McAuliffe	McAvinnue	Moody	Morey	Murkland	Paw. Memorial	Reilly	Shaughnessy	Washington	Bartlett	Pyne/Arts	Stem	Butler	Daley	Leblanc	Riverside/ BRIDGE	Robinson	Stoklosa	Sullivan	Wang	Career Academy	Lowell High & FA
FACILITY																												
Windows which open	102	111	168	55	141	n/a	136	140	148	117	150	195	416	108	124	337	237	265	120	238	81	24	140	55	410	444	68	1270
Windows which do not open	62	9	1	2	33	n/a	70	0	0	0	52	0	0	14	0	19	8	15	0	10	0	0	0	0	0	0	0	250
Classroom Filters in Building	21	0	34	0	28	n/a	30	40	0	0	32	42	27	24	0	43	32	42	30	60	0	0	30	8	48	50	0	0
Classroom Filters remaining to be changed	0	0	34	0	4	n/a	0	0	0	0	0	0	0	0	0	0	0	0	0	36	0	0	0	0	0	50	0	0
SAFETY EQUIPMENT																												
# of foggers needed for start of school (to be procured)	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	2	1	1	1	0	1
Foggers on hand now	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5
# of handwashing stations needed for start of school	63	14	62	6	55		55	55	14	43	50	75	37	53	15	54	81	37	34	76	13	8	58	26	41	53	8	228
# of hand sanitizing stations now	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
# of hand sanitizing stations (to be procured)	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
Air purifiers needed for start of school	24	9	30	6	31	14	34	44	16	32	29	39	30	26	26	34	42	55	28	26	11	8	47	46	43	43	11	202
Air purifiers on hand now	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
Dividers/barriers planned for front desk(to be procured)	18	18	18	5	18	5	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	5	18	18	18	18	5	66
Dividers/barriers emplaced now	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

*Revised as of 8/24/20

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BUILDING SUPPLIES	Bailey	Cardinal	Greenhalge	Laura Lee	Lincoln	Adie Day	McAuliffe	McAvinnue	Moody	Morey	Murkland	Paw. Memorial	Reilly	Shaughnessy	Washington	Bartlett	Pyne/Arts	Stem	Butler	Daley	Leblanc	Riverside/ BRIDGE	Robinson	Stoklosa	Sullivan	Wang	Career Academy	Lowell High & FA
Hand Sanitizer (Gallons) to be procured	52	19	65	13	67	30	74	95	35	69	63	84	65	56	56	74	91	119	61	56	24	17	102	100	93	93	24	302
Hand Sanitizer (on hand)	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	136
Soap Dispensers In Place	59	11	52	6	27		31	49	10	36	45	20	32	39	11	40	66	15	28	57	9	8	35	21	32	31	8	194
Soap Dispensers (to be procured)	4	3	10	0	28	0	24	6	4	7	5	55	5	14	4	14	15	22	6	19	4	0	23	5	9	22	0	34
Betco Disinfectant Concentrate (yields 128 gallons/case)	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	256
Disinfectant Spray Bottles	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	24
Waste Disposal Medium																												

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SAFETY MESSAGING - (In Place)																												
Social Distancing Signs (produced-placement by 17AUG)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Markings for Desk Spacing	In Progress	In Progress	In Progress	In Progress	In Progress	In Progress	In Progress	In Progress	In Progress	In Progress	In Progress	In Progress	In Progress	In Progress	In Progress	In Progress	In Progress	In Progress	In Progress	In Progress	In Progress	In Progress	In Progress	In Progress	In Progress	In Progress	In Progress	In Progress
Bathroom Signage (produced- placement on 17AUG)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Elevator Signage (produced-placement by 17AUG)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Main Office Delivery Station and Protocol (In Place)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Food Service/Ops - Vendor Delivery Station and Protocol (in Place)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PERSONAL PROTECTIVE EQUIPMENT (available)																												
Face Masks	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	500
Face Shields	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	40
Protective Gowns	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
Nitrile Disposable Gloves	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	4000

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Building Capacity for In-Person Learning

MA DEPARTMENT PUBLIC HEALTH INFORMATION			
Lowell- August 5, 2020- Percent Positivity (Last 14 days)	1.13		
Lowell- August 12, 2020- Percent Positivity (Last 14 days)	1.18		
Lowell-August 19, 2020- Percent Positivity (Last 14 days)	1.34		
Lowell-August 26, 2020- Percent Positivity (Last 14 days)			
Average Daily Incidence Rate per 100,000			
Lowell-August 12, 2020	2.24	code:	green
Lowell-August 19, 2020	2.9	code:	green
Lowell-August 26, 2020			

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Building Capacity for In-Person Learning

CAMPUS SEATS	Bailey	Cardinal	Greenhalge	Laura Lee	Lincoln	Adie Day	McAuliffe	McAvinnue	Moody	Morey	Murkland	Pau. Memorial	Reilly	Shaughnessy	Washington	Bartlett	Pyne/Arts	Stem	Butler	Daley	Leblanc	Riverside/ BRIDGE	Robinson	Stoklosa	Sullivan	Wang	Career Academy	Lowell High & FA
																		1 student per 72sqft minimum										
Campus Seats Available Per Square Footage (Conventional)	267	58	294	24	340	x	300	375	165	312	303	387	297	285	231	352	352	531	272	370	105	56	483	384	377	380	77	2158
Possible Additional campus seats available w/ UnConv	60	2	60	0	60	x	60	60	60	60	60	60	60	60	60	60	60	60	60	60	0	0	9	60	60	60	10	250
2019/2020 Enrollment	481	119	496	26	504	55	505	488	237	507	496	504	494	486	254	486	519	845	566	690	30	46	665	670	682	710	62	3003
Current seats available (all above considered- 8/10/2020)	120	30	120	20	120	x	120	120	60	140	125	125	125	125	100	140	150	200	150	150	25*	40	150	150	150	150	40	500
Current seats available (all above considered- 8/17/2020)	140	45	120	20	120	x	120	120	100	140	125	140	125	125	120	140	150	200	150	150	40	40	160	160	150	180	40	500
Current seats available (all above considered-8/24/2020)	130	45	140	25	130	x	150	130	120	150	140	140	125	125	120	140	165	200	150	150	40	40	160	160	150	180	50	500
GOAL- approximate campus seats for start of school	145		136		112		144	145	96	141	150	125	130	130	120	160	152	175	131	180			175	168	160	175		500

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Building Capacity for In-Person Learning

Notes

- Bailey: do not use A117, A120, A125, A110, B105, A012, A009, Library, A106, Gym; windows don't open for 115, 112, 114, 002, 003, 010, 011. (confirmed 22AUG)

- Bartlett: do not use Room 4, review Gym (no windows but many doors to outside) (confirmed 22AUG)

- Butler: First Floor Rm 138, Art Room, Library, Gym, Auditorium, Second Floor, Rm 239, Rm 240, Rm 206, Rm 205

- Cardinal: potential to use almost all classrooms spaces if 22 windows (including hallways) become fully operational to allow for increased ventilation

- Daley: Do not use 309, 313, 311, 307;

- Lincoln: Do not use Gym, 207A, counselor's office, ETC room (updated 22AUG)

Building Capacity for In-Person Learning

Notes

- McAuliffe: Do not use Library, Gym, Art Room, Music Room; the rooms without working windows include 007, 008, 011, 107B, 108, 114, 200, 207, 208, the Cafeteria, and the Main Office.

- McAvinnue: Do not use 105, 106, 108, 109, 116, 116A, 214A, 226, 306A, 306B, Gym, Cafeteria; following spaces need fixed windows - 007, 008, 011, 107B, 108, 114, 200, 207, 208 and the Main Office.

- Morey: Do not use 107, 1-9, 111, 112, 113, 114, Library, Gym, ESL/Computer Lab; hot water system will be replaced prior to start of school; need to monitor progress, but items have been ordered.

- Murkland: Do not use Gym and Cafeteria; Need "stops" in first floor windows - rooms 107, 108, 109, 110, and 111. 107 and 108 are most important for these fixes as classes in those rooms cannot easily be relocated. (updated 22AUG20)

- Pawtucketville: Do not use Art Room, Music Room

Building Capacity for In-Person Learning

Notes

- Pyne Arts: Do not use Room 2008, Gross motor room for CSA, 1015; offices in basement have no windows; Cafeteria, Room 1016, review Gym (has doors which open to outside)(updated 22AUG20).

- Reilly: Do not use Science Center and Computer Lab and OT/PT rooms; (review Gym - does it have window near ceiling) (updated 22AUG20)

- Robinson - Do not use gym, 117, 118, and 119;

- Shaughnessy: Do not use Library, Gym, B105, B121, A117, A115, 202, B132;

- Washington: Do not Use Basement Music Room

Policy Making Process on Building Closure or Repurposing

1. Review of building spaces;
2. Identify spacing issues, problems, concerns;
3. Review issues with building leads;
4. Review potential solutions and options;
5. *Review staff input and recommendations on potential options;*
6. *Collect public input on potential options;*
7. *Consolidation of staff input and public input;*
8. *Conduct cost/benefit analysis on possible solutions;*
9. Present to Cabinet for analysis and discussion;
10. Cabinet recommendation to Superintendent;
11. Superintendent recommendation to School Committee;
12. Provide 48 hour notice of agenda item for School Committee action;
13. School Committee publicly hears recommendation during public comment period;
14. School Committee public discussion of matter;
15. School Committee takes action or requests further information/action; and
16. Execute decision of School Committee.