

PUBLIC SCHOOLS OF BROOKLINE

SCHOOL COMMITTEE AD HOC TASK FORCE ON REMOTE LEARNING
EXPERT ADVISORY PANEL 4: PUBLIC HEALTH, SAFETY AND LOGISTICS

Kick-Off Meeting — June 12, 2020

AGENDA

- 1. Introductions and logistics**
2. Discussion of Massachusetts Dept. of Elementary and Secondary Education guidance issued to date and expected in the coming weeks
3. Discussion and possible vote(s) regarding goals of the Panel
4. Discussion and possible vote(s) regarding first round of questions from PSB leaders
5. Additional matters raised by Panel members or other attendees
6. Adjournment

THE PUBLIC SCHOOLS OF BROOKLINE

- Eight (P)K-8 schools
 - Lawrence
 - Ridley (formerly Coolidge Corner)
 - Pierce
 - Driscoll
 - Lincoln
 - Runkle
 - Heath
 - Baker
- Brookline High School
 - Main Campus
 - Winthrop House
- Four stand-alone BEEP sites (one owned, three rented)

PSB'S (P)K-8 SCHOOLS

School	PK	K	1	2	3	4	5	6	7	8	(P)K-8	Cafeteria Capacity	Town-wide Programs
Ridley	31	5x 20-22	5x 23	5x 18-19	5x 20-21	5x 20-21	5x 18-19	5x 19-22	5x 17-20	5x 14-20	919	350	TLC; Hebrew NLSP
Lawrence		4x 20	4x 21-22	4x 20-21	4x 17-18	4x 21	4x 17-19	4x 13-21	4x 17-19	4x 17-19	679	138	Japanese NLSP
Driscoll		3x 18-19	3x 19-22	3x 21	3x 20-22	3x 22	4x 20-21	3x 19-23	3x 20-24	3x 26	600	150	LAHB; Russian NLSP
Pierce		5x 18-19	5x 18-20	5x 18-20	5x 18-19	5x 20-22	5x 21-22	5x 20-22	4x 19-21	4x 18-19	842	200	Chinese NLSP
Lincoln		3x 20-21	3x 19	3x 23-24	3x 18-20	3x 21	3x 21-23	3x 19-22	3x 26	3x 20	576	184	ALC; Japanese NLSP
Runkle	16	3x 21	3x 20-21	3x 21	3x 20-21	3x 20-21	3x 20-24	3x 22-24	3x 23-26	3x 21	598	186	RISE; Spanish NLSP
Heath	27	3x 18-20	3x 20	3x 20-21	3x 15-16	3x 20-21	3x 23	3x 18	3x 18-23	3x 16-20	552	212	RISE (fall 2020)
Baker		4x 20-21	4x 19-20	4x 21-22	4x 20-21	4x 20-22	5x 18-22	3x 21-22	5x 18-20	4x 18-20	750	200	Korean NLSP
Total Students		600	613	613	574	627	654	582	618	561			
Total Classrooms	74	30	30	30	30	30	32	29	30	29	5,516		
Avg. Students/CR		20.0	20.4	20.4	19.1	20.9	20.4	20.1	20.6	19.3			

Enrollment data as reported to MA DOE as of 10/1/2019.

EXAMPLE STAFFING OF A (P)K-8 SCHOOL (PRE-COVID-19): HEATH SCHOOL — 552 PK-8 STUDENTS

	FTEs	Rough Est. Students/FTE
K-8 Teachers	48.5	11
K-8 Paraprofessionals	13.7	38
BEEP Teachers	2.0	14
BEEP Paraprofessionals	0.6	43
Guidance Counselors	1.0	525
School Nurses	1.0	525
Psychologists/Therapists/Pathologists	3.6	146
Secretaries	1.0	525
Custodians	2.0	263
Food Services Workers	0.5	1036
Principals	2.0	263
Other	2.0	263
Total Staff	78.0	7

EXAMPLE PHYSICAL PLANT OF A (P)K-8 SCHOOL: HEATH SCHOOL – 552 PK-8 STUDENTS

Room Type	Count	Sizes	Rough Est. Sf/Student
PreK Classrooms	1	1,011 sf	67
K Classrooms	3	1,000 - 1,100 sf	50
1-5 Classrooms	15	748 - 900 sf	39
6-8 Science Classrooms	2	950 - 1,000 sf	65
6-8 Other Classrooms	7	674 - 770 sf	48
Special Education Spaces	mult.	2,927 sf total	
Cafeteria (212 seats)	1	2,753 sf	13
Gymnasia	2	5,187 sf total	
Music/Art Classrooms	2	2,245 sf total	
Library/Media/Maker Spaces	2	3,456 sf total	
Auditorium (213 seats)	1	2,891 sf	
Kitchen	1	700 sf	n/a
Teachers' Room	1	700 sf	n/a
Administrative/Office Spaces	mult.	~3,550 sf total	n/a
Total Net Floor Area		49,874 sf	91

STUDENT BODY OF A (P)K-8 SCHOOL

1. Most K-8 students reside in the school's geographic school assignment zone and adjacent buffer zones
 - Most arrive by foot, bike, or private car (mix varies by school and weather)
 - Small percentage arrive by school bus—mostly at Heath
2. Resident students enrolled in Town-wide programs (native language support; special education) arrive by bus/van transportation from neighborhoods around Brookline
3. METCO students arrive by school bus from their Boston neighborhoods
4. Materials fee students typically arrive by private vehicle with their Brookline-employed parent

BROOKLINE HIGH SCHOOL STUDENT BODY

	Students
Grade 9	521
Grade 10	557
Grade 11	512
Grade 12	474
Unclassified	19
Total	2,083

- Resident students from all parts of Town
- METCO students from Boston
- Materials fee students

FY20 BUDGET STAFFING OF BHS (PRE-COVID-19)

BHS Staffing FY2020 – 2,083 Students	FTEs	Rough Est. Students/FTE
Teachers	211.5	10
Paraprofessionals	51.5	40
Guidance Counselors	9.2	226
School Nurses	2.0	1,042
Psychologists/Therapists/Pathologists	11.0	189
Secretaries	16.2	129
Custodians	19.0	110
Food Services Workers	9.6	218
Principals + Unit B Members	24.2	86
Other	4.0	521
Total Staff	358.1	6

SAFE LEARNING ENVIRONMENT

1. **MA:** Number of cases in age group 0-19: 5,251 (328/100,000) as of June 10
2. **MA:** Number of hospitalized cases in age group 0-19: 85 (1.6%) as of June 10
3. **Brookline:** Number of cases all age groups: 371
4. **Brookline:** Number of cases in age group 0-19: <1%
5. **Town of Skellefteå, Sweden:** a teacher died and 18 of 76 staff tested positive at a school with about 500 students in preschool through ninth grade. The school closed for 2 weeks because so many staff were sick, but students were not tested for the virus. School outbreak?
6. **Predicting the future is impossible but creating plans based on scenarios is necessary:**
Current scenario? Population of Brookline students of approx. 7,500, assuming a 5% prevalence of positive cases based on Swedish data = 375 positives, potential hospitalized = 4
7. **OVERALL APPROACH TO SAFETY (COVID-19, FLU, FOOD-BORNE ILLNESS, VIOLENCE, ONLINE BEHAVIORS)**

RISK VERSUS RISK OF THE MITIGATION STRATEGY

LESSONS LEARNED FROM ITALY:

- Class sizes: age and square footage
- Activities in clusters (mini blocks within a class and across classes) including arrival/dismissal
- Mask when 3 feet is not possible
- Arrival and dismissal schedules and procedures
- Classrooms with windows
- Food delivered in class
- Priority classes: transition grades
- Hand washing: when and how
- At risk children: families and pediatricians

LISTENING CHANNELS

- Listening to families
- Listening to teachers and school staff
- Listening to school nurses
- Listening to the community
- Listening to students
- Consistency of decisions across towns

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QUESTIONS RECEIVED FROM PSB LEADERS TO DATE

1. Is there a ratio the schools should go by using square footage when thinking about total # of people in a building at once, or in classroom?
2. Is it safer to have teachers switch classrooms instead of students?
3. Should we have a maximum number of students allowed in multi-stall bathrooms at one time?
4. How to handle at-risk populations of adults and students?
 - a. Is it possible to keep at-risk students (e.g., diabetics) together and have teachers come to them vs. the kids moving around the building?
 - b. How handle this with applicable privacy laws?
 - c. What are the recommendations for those who are immunocompromised with respect to separate entrances, exits, classrooms?
5. Do we need plexi-glass at student desks? Is it recommended?

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NEXT STEPS

1. Weekly meetings Friday at 3pm
2. Open Meeting Law training