



CHELMSFORD PUBLIC SCHOOLS

Comprehensive Facilities Assessment



School Committee Meeting August 16, 2016



- welcome

- schedule change to accommodate full-day K

- discussion of full-day K options



Short-term Options for Full-Day K:

- A. 3 modular classrooms at each elementary school**
- B. 4-6 modular classrooms at one school and convert Westlands to PK – K**
- C. rental space for remainder of full-day K program**
- D. add 4 mods to Center, convert Westlands to PK – K, 6 mods to Westlands for community ed**
- E. schedule change and grade reconfiguration at middle schools**



Option A: Addition of 3 Modular Classrooms per School

1) 3 modular classrooms connected to each school

+/- \$58 mil

(includes escalation)

2) 3 modular classrooms not connected at each school

+/- \$7.9 mil

*** Costs do not include increase in operational costs**



Option B: Add modular classrooms at Center or Westlands; convert Westlands to PK – K

This option does not consider the options for the re-location of Comm. Ed.

1) Center School : 4 modular classrooms connected

+/- \$2.6 mil

2) Westlands School :

a) 4 modular classrooms connected

+/- \$13.7 mil

**b) 4 modular classrooms not
connected**

+/- \$2.9 mil

c) 6 modular classrooms connected

+/- \$14.8 mil

**d) 6 modular classrooms not
connected**

+/- \$4.0 mil

Option C: Rental Space

1) Rental space for 12 sections of full-day kindergarten program – approximately 41,000 SF

Rent @ \$7.50/ sq.ft = \$205,000 – 328,000

Minimum of 6 years = \$1.9 mil - \$2.7 mil

* Costs do not include increase in operational costs



D2: Add 4 modular classrooms to Center School, convert 8 classrooms at Westlands to K-classrooms, add 6 modular classrooms to Westland for Com Ed.

+/- \$5.5 mil

*** Costs do not include increase in operational costs**



Option	Number of Modulares	Existing Building Upgrades Req'd	Cost Estimate
Option A (Connected)	12	v	\$58M
Option A (Disconnected)	12		\$7.9M
Option B (Center School)	4		\$2.6M
Option B (Westlands School, Connected)	4	v	\$13.7M
Option B (Westlands School, Disonnected)	4		\$2.9M
Option C (Rental)			\$2.7M
Option D2 (Extra mods for Comm Ed)	10		\$5.5M

Summary



E: Schedule change and grade reconfiguration at both middle schools:

K-3rd:

**Byam
Center
Harrington
South Row**

4th-8th:

**Parker
McCarthy**

9th-12th:

Chelmsford High School

***Parker and McCarthy must operate with 85% utilization of classrooms and have at least 23 students per class**

E: Schedule change and grade reconfiguration at both middle schools:

Assumptions:

- **Grades 4, 5, & 6 operate on elementary model**
- **Grades 7 & 8 operate on middle school model**
- **23 students/ classroom**
- **85% Utilization**

100 classrooms available – 100 classrooms needed



E: Schedule change and grade reconfiguration at both middle schools:

4th grade – 380/ 23 = 17 classrooms

5th grade – 371/ 23 = 16 classrooms

6th grade – 386/ 23 = 17 classrooms

+ art = 3 classrooms

+ music = 3 classrooms

+ gym = 2 teaching stations

7th grade – 412/ 23/ 85% = 21 teaching stations

8th grade – 411/ 23/ 85% = 21 teaching stations

100 classrooms needed



E: Schedule change and grade reconfiguration at both middle schools:

Parker Example

7th grade core:

- **Math**
- **ELA**
- **Science**
- **Social Studies**

189 x 4 / 23 = 33 sections / 6 periods =

5.5 classrooms needed vs. 8 classrooms currently being used



E: Schedule change and grade reconfiguration at both middle schools:

Current Schedule at Parker:

5th Grade Schedule Minutes	5th Grade	Core 65	Special 44	Core 51	Lunch 30	Core 64	Core 60	Special 44	Total Instructional Minutes 328.00	Utilization Rate by Minutes 100.00%	
6th Grade Schedule Minutes	6th Grade	Core 65	Core 52	Special 44	Core 58	Lunch 30	Special 44	Core 57	320.00	100.00%	
7th Grade Schedule M,T,TH Minutes	7th Grade	Special 45	Core 60	Core 60	Special 45	Core 60	Lunch 30	Core 55	325.00	100.00%	
7th Grade Schedule W,F Minutes	7th Grade	Special 45	Core 60	Core 60	Special 45	Special 40	Lunch 30	Core 38	Core 38	326.00	100.00%
8th Grade Schedule M, W,F Minutes	8th Grade - M, W, F	Core 60	Special 45	Lunch 30	Core 60	Core 60	Special 45	Core 55	325.00	100.00%	
8th Grade Schedule T, TH Minutes	8th Grade - T, Th	Core 60	Special 45	Lunch 30	Core 39	Core 39	Special 40	Special 45	Core 55	323.00	100.00%

* Average utilization of core spaces = 65%

E: Schedule change and grade reconfiguration at both middle schools:

- **Theoretically possible**
- **Re-invent schedule**
- **Potential redistricting**
- **Potential loss of specials**



thank
you