

FY22 Superintendent's Budget Recommendation School Committee Presentation February 24, 2021

Prepared and Presented by:

Michael M. Harvey, Superintendent of Schools Jeffrey D. Sands, Assistant Superintendent of Schools Patty Bullard, Assistant Superintendent of Schools Peter Delani, High School Principal Phil McManus, Middle School Principal

FY22 Budget – Assessment Overview

Total l	Expenditures	Adopted FY20	Adopted FY21	Proposed FY22	Chg \$	Chg %
Ge	neral Operating Expenses (before Offsets)	36,065,385	37,536,315	38,644,833	1,108,518	3.0%
	ss Expense Offsets	1,376,118	1,675,330	1,809,991	134,661	8.0%
	neral Operating Expenses (after Offsets)	34,689,267	35,860,985	36,834,842	973,857	2.7%
	bt Service Expense	2,368,200	1,587,250	1,582,000	(5,250)	-0.3%
	Total Expenditures	\$37,057,467	\$37,448,235	\$38,416,842	\$968,607	2.5%
		<i>ф31,031,</i> ч 07	φ57, 40,235	\$38,410,842	\$700,007	2.370
Total]	Funding Sources	Adopted FY20	Adopted FY21	Proposed FY22	Chg \$	Chg %
State 4	Aid					
	apter 70	\$5,182,999	\$5,254,659	\$5,253,339	(\$1,320)	0.0%
	ansportation Reimbursement	630,388	633,886	588,428	(45,458)	-7.2%
	SBA Debt Service Reimbursement	1,291,498	1,291,498	1,291,498	0	0.0%
	arter School Tuition Reimbursement	10,255	4,444	12,385	7,941	178.7%
	Receipts	- ,	,	y	7,211	1101170
	erest Income	64,000	60,000	48,000	(12,000)	-20.0%
Fee	es Collected	34,000	34,000	34,000	0	0.0%
Mi	scellaneous Receipts	20,000	10,000	10,000	0	0.0%
	cess and Deficiency	0	199,131	361,567	162,436	81.6%
	nd Transfers In	645,278	724,155	767,901	43,746	6.0%
Federa						
Me	edicaid Reimbursement	55,000	30,000	24,000	(6,000)	-20.0%
EF	Rate Reimbursement	2,000	0	0	0	#DIV/0!
	Total Funding Sources	\$7,935,418	\$8,241,773	\$8,391,118	\$149,345	1.8%
Net Assessment including Deb Service		Adopted FY20	Adopted FY21	Proposed FY22	Chg \$	Chg %
To	tal Expenditures	37,057,467	37,448,235	38,416,842	968,607	2.6%
	ss Total Funding Sources	(7,935,418)	(8,241,773)	(8,391,118)	149,345	1.8%
	Total Net Assessment including Debt	,	\$29,206,462	\$30,025,724	\$819,262	2.8%
-	perating Assessment	\$28,045,347	\$28,910,709	\$29,735,222	\$824,513	2.9%
De	bt Assessment	\$1,076,702	\$295,751	\$290,502	(\$5,249)	-1.8%



FY22 Budget Assessment by Town

BOXFORD		FY20		FY21		FY22		Chg \$	Chg %
Operating Assessment	\$	10,668,997	\$	10,961,352	\$	10,807,706	\$	(153,646)	-1.4%
Debt Assessment	\$	409,017	\$	111,474	\$	105,545	\$	(5,929)	-5.3%
Total Assessment	\$	11,078,014	\$	11,072,826	\$	10,913,251	\$	(159,575)	-1.4%
MIDDLETON		FY20		FY21		FY22		Chg \$	Chg %
Operating Assessment	\$	9,968,088	\$	10,204,052	\$	10,506,365	\$	302,313	3.0%
Debt Assessment	\$	382,380	\$	103,740	\$	102,490	\$	(1,250)	-1.2%
Total Assessment	\$	10,350,468	\$	10,307,792	\$	10,608,855	\$	301,063	2.9%
TOPSFIELD		FY20		FY21		FY22		Chg \$	Chg %
Operating Assessment	\$		\$	FY21 7,745,305	\$	FY22 8,421,150	\$	Chg \$ 675,845	Chg %
	\$ \$	7,408,262	\$ \$		\$ \$		\$ \$	U	
Operating Assessment		7,408,262 285,305		7,745,305		8,421,150		675,845	8.7%
Operating Assessment Debt Assessment	\$	7,408,262 285,305	\$	7,745,305 80,537	\$	8,421,150 82,467	\$	675,845 1,930	8.7% 2.4%
Operating Assessment Debt Assessment Total Assessment	\$	7,408,262 285,305 7,693,567 FY20	\$	7,745,305 80,537 7,825,842	\$	8,421,150 82,467 8,503,618	\$	675,845 1,930 677,776	8.7% 2.4% 8.7%
Operating Assessment Debt Assessment Total Assessment DISTRICT TOTALS	\$	7,408,262 285,305 7,693,567 FY20 28,045,347	\$	7,745,305 80,537 7,825,842 FY21	\$	8,421,150 82,467 8,503,618 FY22	\$ \$ 	675,845 1,930 677,776 Chg \$	8.7% 2.4% 8.7% Chg %

NOTE: FY22 Preliminary Cherry Sheets and FY22 Preliminary Chapter 70 & Net School Spending Requirements for Regional School Districts were released on January 27,2021. As a result, the Recommendation has been updated using this new information.



FY22 Budget Major Expense Category Analysis (Before Offsets)

	FY22 Buc	lget	FY21 Bud	get	VS PR	YR
Expense Category	Tot \$	% of Tot	Tot \$	% of Tot	Chg \$	Chg %
Salaries	\$ 22,413,090	58.0%	\$ 22,300,229	59.4%	\$112,862	0.5%
Insurance Benefits (Active and Retired)	\$ 4,698,532	12.2%	\$ 4,674,467	12.5%	\$24,065	0.5%
Out-of-District Tuition	\$ 3,922,191	10.1%	\$ 3,748,064	10.0%	\$174,127	4.6%
Maintenance & Security (non-salary)	\$ 1,461,458	3.8%	\$ 1,478,014	3.9%	(\$16,556)	-1.1%
Retirement Contribution	\$ 1,192,756	3.1%	\$ 1,109,012	3.0%	\$83,744	7.6%
Transportation - Regular Ed	\$ 1,111,302	2.9%	\$ 1,024,844	2.7%	\$86,458	8.4%
Transportation - Special Ed	\$ 986,160	2.6%	\$ 572,310	1.5%	\$413,850	72.3%
MIS & Instructional Technology (non-salary)	\$ 554,834	1.4%	\$ 488,430	1.3%	\$66,404	13.6%
Athletics (non-salary)	\$ 426,433	1.1%	\$ 421,770	1.1%	\$4,663	1.1%
Student Services Consultants & Svc Providers	\$ 279,340	0.7%	\$ 237,780	0.6%	\$41,560	17.5%
School Choice & Charter School Sending Tuition	\$ 184,644	0.5%	\$ 104,782	0.3%	\$79,862	76.2%
Property, Liability & WC Insurance	\$ 173,328	0.4%	\$ 169,510	0.5%	\$3,818	2.3%
Unemployment	\$ 162,000	0.4%	\$ 123,000	0.3%	\$39,000	31.7%
All Other	\$ 1,078,764	2.8%	\$ 1,084,104	2.9%	(\$5,339)	-0.5%
Totals:	\$ 38,644,833	100.0%	\$ 37,536,315	100.0%	\$1,108,518	3.0%



FY22 Budget Proposed Staffing Reductions

		Total*
Middle S	chool:	
	RIF - One 1.0 FTE Math Teacher Position	\$54,864
	RIF - One 1.0 FTE Science Teacher Position	48,581
	RIF - One 1.0 FTE Social Studies Teacher Position	101,017
	RIF - One 1.0 FTE English Teacher Position	111,313
	RIF - One 1.0 FTE Paraprofessional	22,495
	SubTotal MS:	\$338,269
High Sc	nool/Middle School:	
	RIF - One 0.6 FTE Performing Arts Teacher Position	41,698
	SubTotal HS / MS:	\$41,698
High Sc	nool:	
	RIF - One 1.0 FTE Art Teacher Position	\$67,286
	RIF - One 1.0 FTE Science Teacher Position	95,910
	SubTotal HS:	\$163,196
	Totals:	\$543,163





High School Staffing

Peter Delani, High School Principal

High School Budget Considerations Summary for School Committee

Enrollment Summary, Class Size, Department FTE

Budget <u>Year</u>	<u>Total HS</u> <u>Students</u>	Ave. <u>Class</u> <u>Size</u>	Art	Bus. & Comp Sci	English	Perform. <u>Arts</u>	Math	<u>Sci.</u> <u>Tech.,</u> <u>& Eng.</u>	<u>Soc.</u> Stud	World Lang.	Wellness	Guid.
<u>FY 14</u>	1382	23.0	5.6	4.8	13.3	1.5	12.5	15.4	13.2	11.4	4	7
<u>FY 15</u>	1313	22.3	5.6	4.8	13.3	1.5	12.5	15.4	13.2	11.4	4	7
<u>FY 16</u>	1271	22.2	5.6	5.2	13.3	1.7	12.4	15.4	13.2	11.4	4	7
<u>FY 17</u>	1187	20.8	5.6	5.2	12.2⁵	1.7	12.4	15.4	13.2	11.4	4	7
<u>FY 18</u>	1140	21.7	4.6 ¹	5.0	12.2	1.7	11.3 ⁹	14.310	12.2 ¹²	11.0 ¹³	4	7
<u>FY 19</u>	1140	19.9	5.6 ²	4.0 ⁴	12.2	1.9 ⁶	11.0	13.2 ²	12.2	10.0	4	7
<u>FY 20</u>	1170	20.5	5.6	4.0	12.2	1.9 ⁷	11.0	13.2	12.2	10.0	4	7
<u>FY 21</u>	1108	21.0	5.6	4.0	12.2	1.9	11.0	13.2	12.2	10.0	4.8 ¹⁴	6 ¹⁵
<u>FY 22</u>	1054	TBD	4.6 ³	4.0	12.2	1.7 ⁸	11.0	12.211	12.2	10.0	5	6

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Data compiled from District budgets & school committee presentations

¹Maternity Leave Unfilled

2Wood Shop moves from Sci, Tech, & Eng. to Art (retirement)

³Proposed Art Teacher RIF

⁴Business Teacher RIF

⁵English Teacher RIF (retirement)

⁶Theatre program added .2 HS and .4 program development.

The .4 is not shown in these numbers for clarity

⁷4 development position became a .4 MS Theatre position.

⁸Proposed Performance Arts Teacher RIF

Additional RIF from Support Staff FY19 - 1 house secretary

 ⁹Math Teacher RIF
 ¹⁰STE Teacher RIF
 ¹¹Proposed Science Teacher RIF
 ¹²Social Studies Teacher RIF
 ¹³World Language Teacher RIF (retirement)
 ¹⁴Wellness Teacher Added Masco sports no longer count for credit
 ¹⁵Guidance Teacher RIF (retirement)

Total HS FTE RIF FY 17 - FY 21 = 9+ Proposed HS FTE RIF for FY 22 = 2.4

High School Budget Considerations Summary for School Committee

Proposed Art RIF

Proposed Theatre RIF

Program Enrollment Trends

<u>Budget</u> <u>Year</u>	<u>Total FTE</u> <u>Students</u>	<u>Total FTE</u> <u>Sections</u>	<u>Average Class</u> <u>Size</u> 1
FY 16	600	28	20.8
FY 17	530	28	18.9
FY 18	455	23	20.8
FY 19	472	28	16.9
FY 20	488	28	17.4
FY 21	404	28	15.5
FY 22	384 ¹	23	16.8

¹Wood Shop and Photography classes typically have a cap of 14 and 18 respectively due to safety and equipment requirements. These sections reduce the average class size as compared to other departments.

²Predicted based on an equal proportion of the population as FY

Program Enrollment Trends

<u>Budget</u> <u>Year</u>	<u>Acting I</u>	<u>Acting II</u>	<u>Public</u> <u>Speaking</u>	<u>Musical</u> <u>Theatre</u>
FY 16 ³	17			
FY 17 ³	9			
FY 18 ³	7			
FY 19 ⁴	5 ⁵			2 ⁵
FY 20	13		6	
FY 21	8 ⁶		4 ⁶	19
FY 22				

³Program taught as an overload

⁴FY 19 Drama Position added per School Committee initiative ⁵Acting and Musical Theatre were taught as a combo class ⁶Acting and Public Speaking were taught as a combo class





Middle School Staffing

Phil McManus, Middle School Principal



 As necessitated by FY 2022 budget constraints and projected enrollment, we are recommending a reduction in the middle school of four (4) FTE teaching positions and one (1) FTE paraprofessional position.



Elementary Enrollments

Grade Level	October 2020*
Kindergarten	243
Grade 1	266
Grade 2	253
Grade 3	251
Grade 4	267
Grade 5	271
Grade 6	267

*As of October 1



2011/2012 – Total Enrollment 756

TEAM	SIZE
7 Red	125
7 White	117
7 Blue	123
8 Red	130
8 White	131
8 Blue	130

2012/2013– Total Enrollment 706

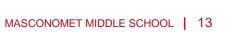
TEAM	SIZE
7 Red	100
7 White	118
7 Blue	118
8 Red	126
8 White	129
8 Blue	115

2013/2014– Total Enrollment 669

ТЕАМ	SIZE
7 Red	112
7 White	110
7 Blue	111
8 Red	111
8 White	116
8 Blue	109

2014/2015– Total Enrollment 657

TEAM	SIZE
7 Red	109
7 White	108
7 Blue	110
8 Red	106
8 White	114
108 Blue	110





2015/2016– Total Enrollment 655

TEAM	SIZE
7 Red	107
7 White	111
7 Blue	112
8 Red	111
8 White	108
8 Blue	106

2016/2017– Total Enrollment 648

TEAM	SIZE
7 Red	104
7 White	106
7 Blue	106
8 Red	111
8 White	112
8 Blue	109



2017/2018– Total Enrollment 656

TEAM	SIZE
7 Red	112
7 White	111
7 Blue	111
8 Red	104
8 White	110
8 Blue	108

2018/2019– Total Enrollment 646

TEAM	SIZE
7 Red	102
7 White	101
7 Blue	105
8 Red	110
8 White	114
8 Blue	114



2019/2020– Total Enrollment 582

TEAM	SIZE
7 Red	96
7 White	75
7 Blue	105
8 Red	107
8 White	104
8 Blue	107

2020/2021– Total Enrollment 578

TEAM	SIZE
7 Red	104
7 White	106
7 Blue	105
8 Red	87
8 White	89
8 Blue	87



Projected Enrollment

2021/2022

Grade 7	Grade 8
267	315
Total: 582	

Projected Team Breakdown

Team	Size
7 Red	111
7 Blue	111
8 Red	121
8 Blue	121
7/8 White	117



Average Class Sizes

2020-2021	Class Size
Grade 7	21
Grade 8	17.8

With Proposed Reductions				
2021-2022 Projected Class Size				
Grade 7	22.25			
Grade 8 24.2				

*Does not include possible special education placements for substantially separate classes which would further reduce class averages.



Average Class Sizes

2022-2023 Projected	Class Size
Grade 7	21
Grade 8	22.25

*Does not include possible special education placements for substantially separate classes which would further reduce class averages.





- The Executive Leadership Team and Leadership Team (principal and department chairs) will consult on the team breakdown by grade.
- The Leadership Team will work together to rearrange teams and teaching assignments.





FY22 Budget Major Expense Category Analysis (Before Offsets)

Expense Category	FY22 Budget		FY21 Budget		VS PR YR	
	Tot \$	% of Tot	Tot \$	% of Tot	Chg \$	Chg %
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All Other	\$ 1,078,764	2.8%	\$ 1,084,104	2.9%	(\$5,339)	-0.5%
Totals:	\$ 38,644,833	100.0%	\$ 37,536,315	100.0%	\$1,108,518	3.0%



FY22 Budget "All Other" Expense Category

- This detailed review is being provided at the request of the School Committee on February 3, 2021.
- The "All Other" Expense Category is made up of literally 100's of individual cost accounts.
- All individual cost accounts in this Expense Category were developed on a "Level Service" basis, vetted by Department Heads, Principals, and Operational Budget Holders where appropriate and then incorporated into the Budget Recommendation after review by the Assistant Superintendent.
- The "All Other" Expense Category represents 2.8% of our Total Expense Budget and includes many "fixed" costs (e.g., legal, audit, SRO, copier leases etc.) as well as "discretionary" costs (e.g. instructional materials & supplies, PD, etc.).
- Cuts to this Expense Category would yield little and have a detrimental impact across the District, including impacts on Teaching & Learning as well as Business Operations.



FY22 Budget "All Other" Expense Category

Department	Account Title	FY21B	FY22B	Change	Comment
MS Interdepartmental	Other Published Materials	\$7,760	\$7,760	\$0	Appendix 1
MS Interdepartmental	Consumable Supplies	25,600	25,600		Appendix 2
MS Library/Media	Other Published Materials	8,530	8,530		Appendix 3
MS Art	Consumable Supplies	12,000	12,000		Appendix 4
MS English	Maintenance, Rentals & Fees	11,300	11,300		Appendix 5
MS English	Other Published Materials	5,000	5,000		Appendix 6
MS Math	Other Published Materials	14,770	20,155	5,385	Appendix 7
MS Performing Arts	Consultants & Other Service Providers	7,000	7,000	0	Appendix 8
MS Performing Arts	Maintenance, Rentals & Fees	8,500	8,500	0	Appendix 9
MS Performing Arts	Durable Goods	7,200	7,118	(82)	Appendix 10
MS Science & Tech Ed	Consumable Supplies	8,000	8,000	0	Appendix 11
MS Social Studies	Maintenance, Rentals & Fees	8,000	8,000	0	Appendix 12
MS Social Studies	Consumable Supplies	6,000	6,000	0	Appendix 13
HS Principals Office	Postage	9,000	9,000	0	Flat; @ run rate
HS Principals Office	Graduation	12,700	12,700	0	Appendix 14
HS Interdepartmental	Consumable Supplies	32,750	35,250	2,500	Appendix 15
HS Library/Media	Other Published Materials	16,646	16,946	300	Appendix 16
HS Guidance	Other Published Materials	5,963	6,997	1,034	Appendix 17
HS Guidance	Consumable Supplies	15,265	14,905	(360)	Appendix 18
HS Special Education	Consultants & Other Service Providers	13,000	17,000	4,000	Appendix 19
HS Art	Consumable Supplies	58,000	58,000	0	Appendix 20
HS English	Other Published Materials	9,000	9,000	0	Appendix 21
HS Wellness	Textbooks	0	9,861	9,861	Appendix 22
HS Math	Other Published Materials	8,250	16,800	8,550	Appendix 23
HS Performing Arts	Consultants & Other Service Providers	29,200	29,200	0	Appendix 24
HS Performing Arts	Maintenance, Rentals & Fees	6,500	6,500	0	Appendix 25
HS Performing Arts	Textbooks	5,500	5,500	0	Appendix 26



FY22 Budget "All Other" Expense Category

Department	Account Title	FY21B	FY22B	Change	Comment
HS Science & Tech Ed	Consumable Supplies	26,144	26,405	261	Appendix 27
HS Science & Tech Ed	Durable Goods	5,038	5,340		Appendix 28
HS Social Studies	Maintenance, Rentals & Fees	5,500	5,000	(500)	Appendix 29
HS Co-Curricular	Field Trips & Trans	27,251	27,651	400	Appendix 30
HS Co-Curricular	Maintenance, Rentals & Fees	5,775	5,865	90	Appendix 31
HS Co-Curricular	Consumable Supplies	6,000	6,000	0	Appendix 32
Student Services	Legal Services	45,000	45,000	0	Flat; run rate variable
Student Services	Other Published Materials	13,100	14,750	1,650	Appendix 33
Health Services	Consultants & Other Service Providers	5,000	5,000	0	Appendix 34
Professional Development	Tuition Reimbursement	15,000	10,000	(5,000)	Reduced; run rate at ~\$5K
Professional Development	Conferences and Seminars	36,763	36,906	143	Appendix 35
Professional Development	Memberships & Subscriptions	31,700	33,400	1,700	Appendix 36
School Committee	Consultants & Other Service Providers	44,620	44,620	0	SRO Agreement with Towns
School Committee	Legal Services	10,000	15,000	5,000	Increased; successor CBAs
School Committee	Conferences and Seminars	7,500	10,750	3,250	Appendix 37
Superintendent	Conferences and Seminars	5,000	5,000	0	Appendix 38
Superintendent	Consumable Supplies	13,000	13,000	0	Flat includes \$8,000 for Panorama Study
Business & Finance	Consultants & Other Service Providers	32,500	32,500	0	Appendix 39
Business & Finance	Auditing	28,000	28,000	0	Appendix 40
Business & Finance	Advertising	5,000	5,000	0	Appendix 41
Business & Finance	Other Fees	7,000	7,000	0	Appendix 42
Business & Finance	Capital Equipment (Over \$5000)	75,393	75,393	0	Copiers: Annual Lease - District
Superintendent	Maintenance, Rentals & Fees	4,586	4,586	0	Copiers: Cost per click - Central
HS Interdepartmental	Maintenance, Rentals & Fees	44,284	44,284	0	Copiers: Cost per click - HS
MS Interdepartmental	Maintenance, Rentals & Fees	25,164	25,164	0	Copiers: Cost per click - MS
Human Resources	Consultants & Other Service Providers	12,700	12,700	0	Appendix 43
Human Resources	Advertising	5,000	5,000	0	Appendix 44
All Other Accounts < \$5,000		190,651	146,828	(43,823)	
	"ALL Other" Expense Category Totals:	\$1,084,104	\$1,078,764	(\$5,339)	



FY22 Budget Calendar

20					
OCTOBER 1, 2020 RESIDENT STUDENT ENROLLMENT DISTRIBUTED TO TOWNS					
DGET HOLDERS					
FY22 BUDGET RECOMMENDATION PRESENTED TO THE FULL SCHOOL COMMITTEE					
ENDATION					
IONS					
PARTMENT HEADS					
IONS					
IONS (IF NEEDED)					
IG III					
IONS					
IONS (IF NEEDED)					
BERATIONS					
S					

* Denotes Regular School Committee Meeting Dates. Calendar Approved by School Committee on June 10,2020