

# Class Size in Grades K-5

- At last week's workshop, it was requested that we provide an analysis of potential budget savings from increasing class sizes to 23.
- As was mentioned, administrators conduct a “-1” exercise as a part of the regular budget development process in order to be sure that class sizes are at an optimal level, balancing instructional needs with a sense of ‘right sizing’ our staff in the interest of fiscal responsibility.
- The following slides illustrate that process for the current proposed FY ‘22 Superintendent’s Budget.

# North School Enrollment Projections

With class size impact of a reduction of one teacher at each grade level

2020-21			
Grade	Sections	Proj. Enrollment	Aver. Class Size
One	5	91	18.2
Two	5	88	17.6
Three	5	88	17.6
Four	5	105	21
Five	5	101	20.2
<b>Totals</b>	<b>25</b>	<b>473</b>	<b>18.9</b>
<b>2020-21 Reduction of 1 teacher per grade level scenario</b>			
Grade	Sections	Proj. Enrollment	Aver. Class Size
One	4	91	22.8
Two	4	88	22
Three	4	88	22
Four	4	105	26.3
Five	4	101	25.3
<b>Totals</b>	<b>20</b>	<b>473</b>	<b>23.7</b>

# Matthew Thornton School Enrollment Projections

With class size impact of a reduction of one teacher at each grade level

<b>Grade</b>	<b>Sections</b>	<b>Proj. Enrollment</b>	<b>Aver. Class Size</b>
One	6	99	17
Two	5	91	19 (1 at 15)
Three	5	89	18.5 (1 at 15)
Four	6	114	19
Five	5	109	22
<b>Totals</b>	<b>27</b>	<b>502</b>	<b>19</b>

<b>2020-21 Reduction of 1 teacher per grade level scenario</b>			
<b>Grade</b>	<b>Sections</b>	<b>Proj. Enrollment</b>	<b>Aver. Class Size</b>
One	<b>5</b>	99	<b>20</b>
Two	<b>4</b>	91	<b>25 (1 at 15)</b>
Three	<b>4</b>	89	<b>25 (1 at 15)</b>
Four	<b>5</b>	114	<b>23</b>
Five	<b>4</b>	109	<b>27.25</b>
<b>Totals</b>	<b>22</b>	<b>502</b>	<b>23</b>

# South School Enrollment Projections

With class size impact of a reduction of one teacher at each grade level

<b>2020-21</b>			
<b>Grade</b>	<b>Sections</b>	<b>Proj. Enrollment</b>	<b>Aver. Class Size</b>
One	5	83	16.6
Two	4	80	(1@15) 21.6
Three	4	81	20.25
Four	5	100	20
Five	5	108	21.6
<b>Totals</b>	<b>23</b>	<b>452</b>	<b>19.6</b>
<b>2020-21 Reduction of 1 teacher per grade level scenario</b>			
<b>Grade</b>	<b>Sections</b>	<b>Proj. Enrollment</b>	<b>Aver. Class Size</b>
One	<b>4</b>	83	<b>20.75</b>
Two	<b>3</b>	80	<b>26.7</b>
Three	<b>3</b>	81	<b>27</b>
Four	<b>4</b>	100	<b>25</b>
Five	<b>4</b>	108	<b>27</b>
<b>Totals</b>	<b>18</b>	<b>452</b>	

# Moose Hill School Enrollment Projections

With class size impact of a reduction of one teacher at each grade level

<b>2020-21</b>			
<b>Grade</b>	<b>Sections</b>	<b>Proj. Enrollment</b>	<b>Aver. Class Size</b>
Kindergarten AM	7	125	18.5 (1@14)
Kindergarten PM	7	125	18.5 (1@14)
<b>Totals</b>	<b>14</b>	<b>250</b>	
<b>2020-21 Reduction of 1 teacher per grade level scenario</b>			
<b>Grade</b>	<b>Sections</b>	<b>Proj. Enrollment</b>	<b>Aver. Class Size</b>
Kindergarten AM	<b>6</b>	125	<b>22.2 (1@14)</b>
Kindergarten PM	<b>6</b>	125	<b>22.2 (1@14)</b>
<b>Totals</b>	<b>12</b>	<b>250</b>	

# Analysis of Current K-5 Staffing Recommendation

- Our current budget proposal allows for a District-wide reduction of 3.0 FTE in teaching staff.
- Budget allowance for 1.0 FTE (Given attrition) is a loaded cost which includes all benefits, taxes, etc. of \$83,162. (Step B4)
- Current class size guidelines for the District are 20 in grades K-2 and 25 in Grades 3-5. State recommended maximums are 25 in Grades K-2 and 30 in Grades 3-5. (ED 306.17)
- Instructional model is predicated upon the ability to subgroup or differentiate instructional experiences. (To be discussed further by ES Admins and Staff in their upcoming presentation.)

# Reasons behind the current recommendation:

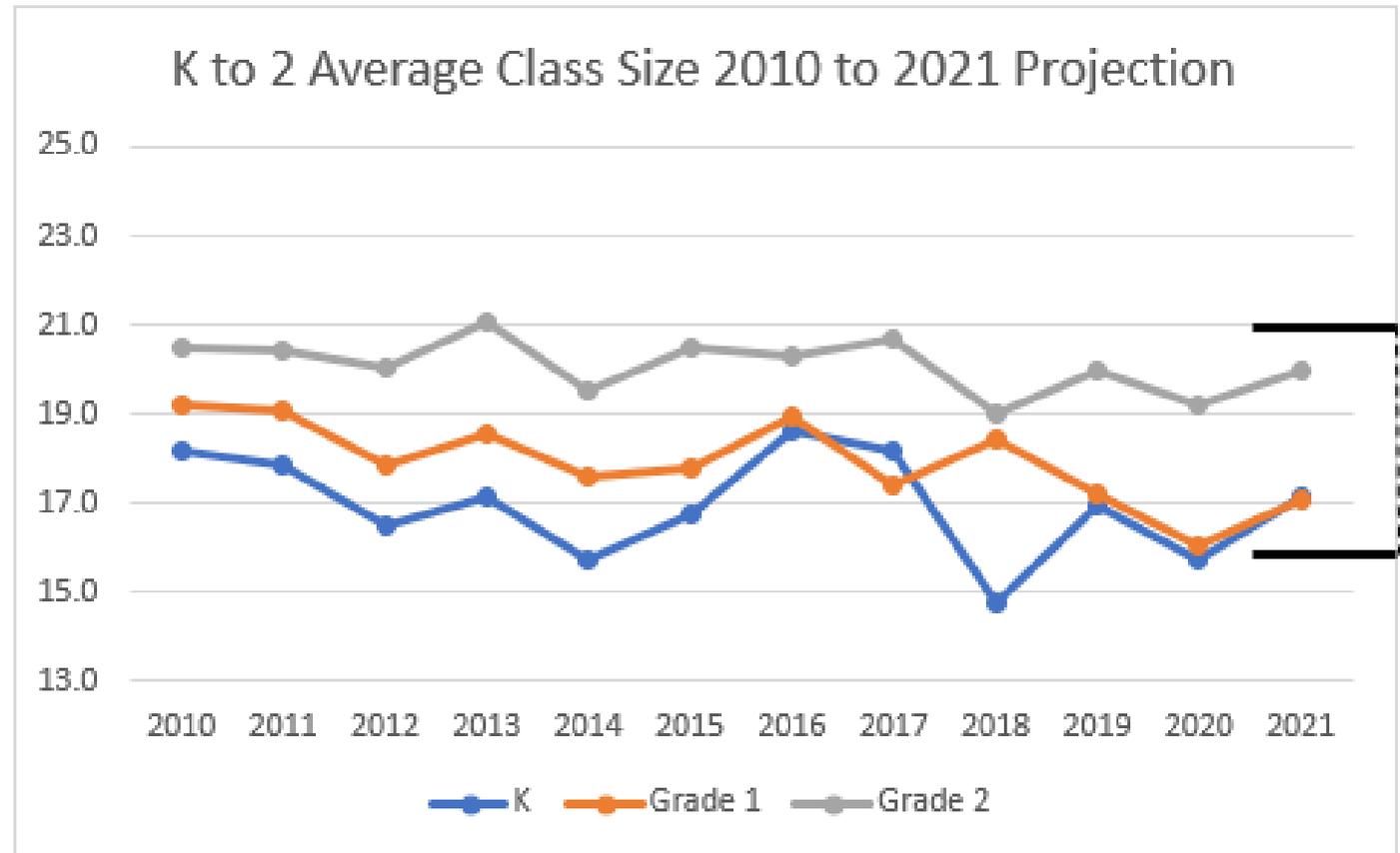
- Overall concern with increased learning challenges, complex social issues, families confronted with greater obstacles. (Last year's focus on social and emotional supports)
- Post-COVID learning recovery is as of yet only partially understood.
- Post-COVID social and emotional challenges will be a factor.
- Some class sizes must be smaller due to a variety of medical or intensive learning supports required by students.
- Retain the ability to adjust to potential increases in student enrollment without adding staff.

# 10 Year History of Class Sizes: Gr. K-2

**Average Class Size District Wide**

Year	K	Grade 1	Grade 2
2010	18.1	19.2	20.5
2011	17.9	19.1	20.4
2012	16.5	17.9	20.1
2013	17.1	18.6	21.1
2014	15.7	17.6	19.5
2015	16.8	17.8	20.5
2016	18.6	18.9	20.3
2017	18.2	17.4	20.7
2018	14.7	18.4	19.0
2019	16.9	17.2	20.0
2020	15.7	16.1	19.2
2021	17.1	17.1	20.0

2020 Adjusted if there weren't COVID procedures in place. 2021 is a projection.

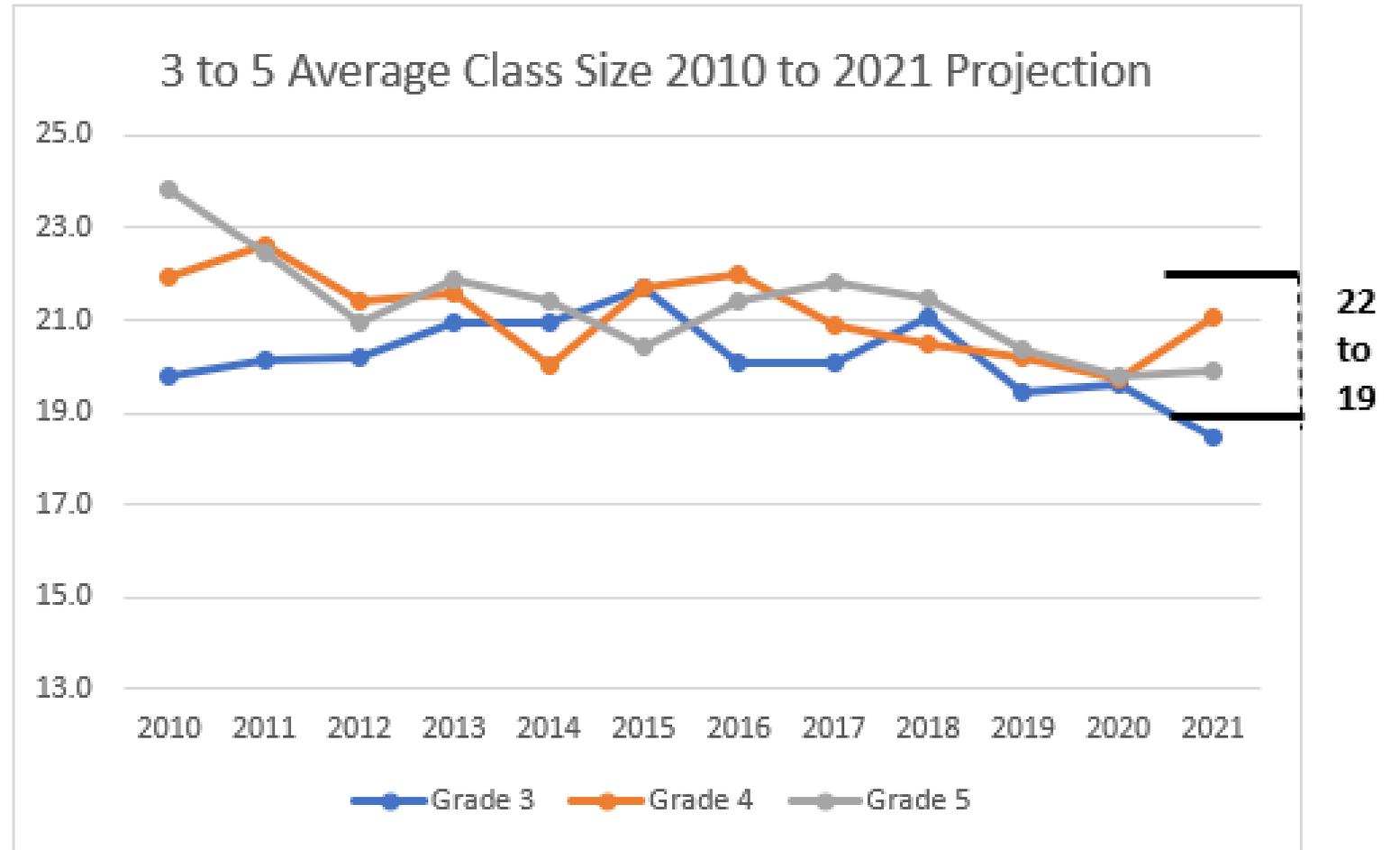


# 10 Year History of Class Sizes: Gr. 3-5

**Average Class Size District Wide**

Year	Grade 3	Grade 4	Grade 5
2010	19.8	21.9	23.8
2011	20.1	22.6	22.4
2012	20.2	21.4	20.9
2013	20.9	21.6	21.9
2014	20.9	20.0	21.4
2015	21.7	21.7	20.4
2016	20.1	22.0	21.4
2017	20.1	20.9	21.8
2018	21.1	20.5	21.5
2019	19.4	20.2	20.4
2020	19.6	19.7	19.8
2021	18.4	21.1	19.9

2020 Adjusted if there weren't COVID procedures in place. 2021 is a projection.



## Increasing LMS Class Size

- Teams require Math, ELA, Social Studies, and Science content area certified teachers
- Remedial services, enrichment, pupil services staffing.
- “Off-Team” time accounted for by PE, Technology, Arts, Music, Health, etc.

**As was mentioned last week, class sizes at LMS are determined by the structure of teams. Any change in class composition will require a different configuration of a team.**

**The middle grades are the first years of schooling during which student learning is segmented into traditional content area classes.**

**While staff reduction or reconfiguration is possible, it would rely heavily upon our ability to find and deploy teachers with the appropriate certification areas.**

# Increasing LHS Class Sizes

- Consolidating wider course offerings into larger groups:
  - Result in reduced opportunity for remediation or support
  - Decreased creativity of instructional or assessment design.
- Elimination or consolidation of smaller elective courses:
  - Fewer opportunities for advanced or specialized coursework.

**Where class composition at LHS is built upon the Program of Studies and student requests, any staff reductions would have to come during the scheduling process.**

**This would involve condensing wider course offerings such as English or Social Studies into fewer sections with more students.**

**Another possibility would be the elimination or consolidation of less populated electives.**

**Course offerings in Budget Book:  
pp.97-104**

# Recommended Staffing Levels

The current FY '22 Superintendent's Budget represents a level of staffing that maintains current programming with an eye toward fiscal responsibility. We have made reductions where we believe them to be advisable.

Building Administrators will elaborate further upon their specific areas of programming.

# Reference Material

Ed 306.17 Class Size.

(a) Class size for instructional purposes, in each school shall be:

- (1) Kindergarten – grade 2, 25 students or fewer per educator, provided that each school shall strive to achieve the class size of 20 students or fewer per educator;
- (2) Grades 3 – 5, 30 students or fewer per educator, provided that each school shall strive to achieve the class size of 25 students or fewer per educator; and
- (3) Middle and senior high school, 30 students or fewer per educator.

(b) These class size requirements may be exceeded for study halls, band and chorus, and other types of large group instruction, including but not limited to, lectures, combined group instruction, and showing of educational television and films.

(c) In the interest of safety, the maximum number of students in laboratory classes in such areas as science and career and technical education shall be determined by the number of work stations and the size and design of the area. In no case shall the number of students in laboratory classes exceed 24.

Source. #5546, eff 7-1-93; ss by #6366, eff 10-30-96; amd by #7925, eff 7-24-03; ss by #8206, INTERIM, eff 11-18-04, EXPIRED: 5-17-05

New. #8354, eff 7-1-05; ss by #10556, eff 3-27-14

**\*\*A more detailed 10 Year Elementary Class Size history and (-1) numbers by building and grade level are also available in a separate spreadsheet upon request.**