



# Sandown Facilities Use Study and Options

TIMBERLANE REGIONAL SCHOOL DISTRICT

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# CONTRIBUTORS

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- ▶ Nancy Stafford, Sandown North Assistant Principal
- ▶ Jennifer Marino, Sandown Central Principal
- ▶ Kathleen McKechnie, Preschool Coordinator
- ▶ Michelle Auger, Pollard School Principal
- ▶ Mike Flynn, Timberlane Regional Middle School Principal
- ▶ Katarina Curtin, Executive Assistant - Curriculum Dept.

# INTRODUCTION

- ▶ The following study has been conducted in response to the anticipated increase of student enrollment in the Sandown schools resultant of an increase of housing development within the town of Sandown.
- ▶ This comprehensive report of facilities, programs and grade organization options is provided to assist the Timberlane School Board in addressing spacing issues.

# COMPREHENSIVE STUDY DOCUMENT

- ▶ Introduction/Objective
- ▶ Criteria for Evaluation of Options
  - ▶ Solves the problem, provide long-term flexibility, financially responsible, etc.
- ▶ Options 1-4
- ▶ Options Comparison Table
- ▶ Appendix A: 2009-2020 CIP Introductory Pages
- ▶ Appendix B: Building Assessment and Conceptual Plans

# FOUR OPTIONS

- ▶ **Option #1** – TLC PreK through Grade 1 housed at the Sandown Central School with Grades 2 through 5 at Sandown North Elementary.
- ▶ **Option #2** – Kindergarten through Grade 2 housed at Sandown Central with Grades 3 through 5 at Sandown North and the Timberlane Learning Center relocating to Pollard School.
- ▶ **Option #3** – Close Sandown Central School and build an addition to Sandown North, housing PreK through Grade 5. The district preschool would be moved to a more central location.
- ▶ **Option #4** – Close Sandown Central. Build at the TRMS/TRHS campus, moving all district 5th graders to the TRMS Campus, and moving the Timberlane Learning Center to the TRHS Campus.

# OPTION #1 (Short-term)

- ▶ TLC PreK through Grade 1 housed at the Sandown Central School with Grades 2 through 5 at Sandown North Elementary.
- ▶ Based on increasing projected enrollment in grades K-1, additional classroom space would be necessary in the **2020** school year at Sandown Central to accommodate for increasing enrollment. 13 classroom spaces are currently available at SC.

# ENROLLMENT/CLASSROOM SPACES

## Sandown Central

### Sandown Central School (2018 - 2023)

**Key: # projected enrollment/classroom space**

\* The TLC preschool projections (100 students) are based on TLC current enrollment data.

School Years	18-19	19-20	20-21	21-22	22-23	23-24
<b>TLC PreK</b>	100*/4.5 rooms	100*/4.5 rooms	100*/4.5 rooms	100*/4.5 rooms	100*/4.5 rooms	100*/4.5 rooms
<b>Kindergarten</b>	70/3 rooms	68/3 rooms	81/ 4 rooms	67/ 3 rooms	70/3 rooms	71/ 3 rooms
<b>Grade 1</b>	75/4 rooms	83/5 rooms	81/ 5 rooms	96/ 5 rooms	80/ 4 rooms	83/ 5 rooms
<b>Art/Music</b>	1 shared room	1 shared room	1 shared room	1 shared room	1 shared room	1 shared room
<b>Total Classroom Space Needed/ Available</b>	12.5/13	13.5/13	14.5/13	13.5/13	12.5/13	13.5/13

**Offices and Special Education Service spaces are not included above.**

# PRESCHOOL ENROLLMENT TREND

- The Timberlane Learning Center PreK consistently sees mid-year enrollment growth between September and June.
- Enrollment numbers include Special Education students, age 3 and 4, as well as typical students who pay PreK tuition.

	Total # of Students	Total # of Students	Total New Enrollments
	September	June	Sept - June
<b>2014 - 2015</b>	65	91	26
<b>2015 - 2016 (First Year at SC)</b>	52	68	16
<b>2016-2017</b>	69	105	36
<b>2017-2018</b>	100		

# ENROLLMENT/CLASSROOM SPACES

## Sandown North

Sandown North (2018 - 2023)						
Key: # projected enrollment/classroom space						
	18-19	19-20	20-21	21-22	22-23	23-24
<b>Grade 2</b>	67/3 rooms	77/ 4 rooms	85/4 rooms	83/ 4 rooms	99/ 5 rooms	82/ 4 rooms
<b>Grade 3</b>	82/4 rooms	69/3 rooms	79/ 4 rooms	87/ 4 rooms	85/4 rooms	102/ 5 rooms
<b>Grade 4</b>	60/3 rooms	84/4 rooms	71/ 3 rooms	81/ 4 rooms	89/ 4 rooms	87/ 4 rooms
<b>Grade 5</b>	72/3 rooms	63/ 3 rooms	88/ 4 rooms	75/ 3 rooms	85/ 4 rooms	93/ 4 rooms
<b>Total Classroom Space Needed/Available</b>	13/18	14/18	15/18	15/18	17/18	17/18

\*Additional classroom spaces at Sandown North would provide reprieve to currently congested areas and create new learning spaces (ie: Library, Art room, student service delivery areas, Literacy Room, and STEAM/Maker Spaces).

# STAFFING NEEDS

## ▶ **(1) School Counselor at SC**

To provide Second-Step Guidance Curriculum, individual and small group counseling support, and to provide families with contacts and services. There is no school counselor currently at TLC at SC. This position was not replaced in the consolidation of 2015, therefore this is an immediate need.

## ▶ **(.5) Library/Media Specialist at SC**

To provide library services, book circulation, and media resources for instructional and learning purposes. There is no Library/Media Specialist currently at TLC at SC. This position was not replaced in the consolidation of 2015, therefore this is an immediate need.

## ▶ **Anticipated Classroom Teachers (based on NESDEC projections)**

- ▶ By 2019, one additional teacher would be needed at both Sandown North and Sandown Central Schools.
- ▶ By 2020, one additional teacher would be needed at Sandown Central School and Sandown North.

# INSTRUCTIONAL MATERIALS, TECHNOLOGY, & TRANSPORTATION

- ▶ Unified Arts (Art, Music, PE)
- ▶ Technology related materials (Chomebooks, Classroom Projectors & Carts, Classroom Printers, Teacher Laptop/Desktop)
  - Move from Sandown North to Sandown Central
- ▶ There will be no need for additional busses as the routes could be adjusted. Bus monitors would be necessary for young children.

# FACILITIES

## ▶ Air Conditioning

Key spaces that require air conditioning include the library and nurse's office. The library should be air conditioned to provide a comfortable central location for both classes and meetings. The nurse's office should be air conditioned in order to offer reprieve from heat exhaustion and other ailments that require a climate controlled space.

## ▶ Site & Traffic Flow

The current flow of the site is not conducive to a safe or efficient pickup or drop off environment. Currently, traffic flow has staff, parents, and busses converging at the same point. Increasing enrollment at this facility will only exacerbate the issue. Cars and busses should never cross paths, and this will be taken into account in the necessary full redesign of the site and parking lots.

# KITCHEN AND CAFÉ RENOVATIONS

- ▶ The addition of 80 first graders presents two options – either
  - ▶ (1) increase satellite operations from Sandown North School, or
  - ▶ (2) open a minimal kitchen for operational meal service. In both sub-options, Sandown Central will require the purchase of cafeteria furniture.
- ▶ Increasing satellite operations from Sandown North School will still require basic renovations to the kitchen, including a food warmer, a hot serving counter, a cold serving counter, and dishwasher maintenance. Small wares such as cafeteria trays and utensils will need to be purchased. The transportation of food will require a small van and a commercial insulated container.
- ▶ Opening a minimal kitchen will include all of the same basic renovations as above, along with many more. A minimal kitchen will require the removal of old equipment and the installation of new equipment, in line with any code concerns that may arise. The new equipment required includes a single convection oven, a stove, a 2 door refrigerator, and a 2 door freezer. The same small wares will need to be purchased, along with regular pans, sheet pans, pots, and a pan rack. Sandown Central will also require an Annual Food Service License, and there is a greater food service labor cost associated with this option.

## OPTION #2 (Short-term)

- ▶ Kindergarten through Grade 2 housed at the Sandown Central School with Grades 3 through 5 at Sandown North Elementary, and the TLC Preschool Program to Pollard School.
- ▶ **Pollard School:** 4.5 classrooms needed for TLC, 3 classrooms are currently available at Pollard. Pollard School has classroom space on its top floor that is not accessible for student use due to ADA non-compliance. We would need to install an elevator to make top floor classrooms accessible for students.

# ENROLLMENT/CLASSROOM SPACES

## Sandown Central

### Sandown Central School (2018 - 2023)

Key: # projected enrollment/classroom space

	18-19	19-20	20-21	21-22	22-23	23-24
Kindergarten	70/3 rooms	68/3 rooms	81/ 4 rooms	67/ 3 rooms	70/3 rooms	71/ 3 rooms
Grade 1	75/4 rooms	83/5 rooms	81/ 5 rooms	96/ 5 rooms	80/ 4 rooms	83/ 5 rooms
Grade 2	67/3 rooms	77/ 4 rooms	85/4 rooms	83/ 4 rooms	99/ 5 rooms	82/ 4 rooms
Art/Music	1 shared room	1 shared room	1 shared room	1 shared room	1 shared room	1 shared room
Total Classroom Space Needed/ Available	11/13	13/13	14/13	13/13	13/13	13/13

Office and Special Education Services space are not included above.

# ENROLLMENT/CLASSROOM SPACES

## Sandown North

### Sandown North (2018 - 2023)

Key: # projected enrollment/classroom space

	18-19	19-20	20-21	21-22	22-23	23-24
Grade 3	82/4 rooms	69/3 rooms	79/ 4 rooms	87/ 4 rooms	85/4 rooms	102/ 5 rooms
Grade 4	60/3 rooms	84/4 rooms	71/ 3 rooms	81/ 4 rooms	89/ 4 rooms	87/ 4 rooms
Grade 5	72/3 rooms	63/ 3 rooms	88/ 4 rooms	75/ 3 rooms	85/ 4 rooms	93/ 4 rooms
Total Classroom Space Needed/Available	10/18	10/18	11/18	11/18	12/18	13/18

Office and Special Education Services space are not included above.

# STAFFING NEEDS

## ▶ **School Counselor (1)**

To provide Second-Step Guidance Curriculum to grades K-2, individual and small group counseling support, and to provide families with contacts and services. There is no school counselor currently at TLC at SC. This position was not replaced in the consolidation of 2015, therefore, this is an immediate need.

## ▶ **Library/Media Specialist (.5)**

To provide library services, book circulation, and media resources for instructional and learning purposes. There is no Library/Media Specialist currently at TLC at SC. This position was not replaced in the consolidation of 2015, therefore, this is an immediate need.

## ▶ **Anticipated Classroom Teachers (based on NESDEC projections)**

By 2019, two additional teachers would be needed at Sandown Central School.

By 2020, one additional teacher would be needed at Sandown Central and Sandown North.

# INSTRUCTIONAL MATERIALS, TECHNOLOGY, TRANSPORTATION

- ▶ Unified Arts (Art, Music, PE)
- ▶ Technology related materials (Chomebooks, Classroom Projectors & Carts, Classroom Printers, Teacher Laptop/Desktop)
  - Move from Sandown North to Sandown Central
- ▶ There will be no need for additional busses as the routes will be adjusted. Bus monitors would be necessary for young children.

# FACILITIES

## ▶ Air Conditioning

Key spaces that require air conditioning include the library and nurse's office. The library should be air conditioned to provide a comfortable central location for both classes and meetings. The nurse's office should be air conditioned in order to offer reprieve from heat exhaustion and other ailments that require a climate controlled space.

## ▶ Site & Traffic Flow

The current flow of the site is not conducive to a safe or efficient pickup or drop off environment. Currently, traffic flow has staff, parents, and busses converging at the same point. Increasing enrollment at this facility will only exacerbate the issue. Cars and busses should never cross paths, and this will be taken into account in the necessary full redesign of the site and parking lots.

# KITCHEN AND CAFÉ RENOVATIONS

- ▶ The addition of first and second grader presents two options – either
  - ▶ **(1) increase satellite operations from Sandown North School, or**
  - ▶ **(2) open a minimal kitchen for operational meal service. In both sub-options, Sandown Central will require the purchase of cafeteria furniture.**
- ▶ Increasing satellite operations from Sandown North School will still require basic renovations to the kitchen, including a food warmer, a hot serving counter, a cold serving counter, and dishwasher maintenance. Small wares such as cafeteria trays and utensils will need to be purchased. The transportation of food will require a small van and a commercial insulated container.
- ▶ Opening a minimal kitchen will include all of the same basic renovations as above, along with many more. A minimal kitchen will require the removal of old equipment and the installation of new equipment, in line with any code concerns that may arise. The new equipment required includes a single convection oven, a stove, a 2 door refrigerator, and a 2 door freezer. The same small wares will need to be purchased, along with regular pans, sheet pans, pots, and a pan rack. Sandown Central will also require an Annual Food Service License, and there is a greater food service labor cost associated with this option.

## OPTION #3 (Long-term)

- ▶ This option proposes the consolidation of the Sandown North School and Sandown Central School to the Sandown North facility, in which the Sandown North facility will receive appropriate addition(s) and updates to meet the growing Sandown population needs (PreK-5) as projected for the next ten years.
- ▶ District PreK program would be relocated to a more centralized location.
- ▶ The feasibility of Sandown North additions was confirmed through a consolidation study performed by Lavalee Brensinger Architects as part of the 2009-2020 Capital Improvement Plan.

# ENROLLMENT/CLASSROOM SPACES

## Sandown North + Addition

<b>Sandown North School + Addition</b>						
<b>Key: # projected enrollment/classroom space</b>						
* The preschool projections (100 students) are based on current enrollment data.						
	<b>18-19</b>	<b>19-20</b>	<b>20-21</b>	<b>21-22</b>	<b>22-23</b>	<b>23-24</b>
<b>PreK</b>	100*/4.5 rooms	100*/4.5 rooms	100*/4.5 rooms	100*/4.5 rooms	100*/4.5 rooms	100*/4.5 rooms
<b>Kindergarten</b>	70/3 rooms	68/3 rooms	81/ 4 rooms	67/ 3 rooms	70/3 rooms	71/ 3 rooms
<b>Grade 1</b>	75/4 rooms	83/5 rooms	81/ 5 rooms	96/ 5 rooms	80/ 4 rooms	83/ 5 rooms
<b>Grade 2</b>	67/3 rooms	77/ 4 rooms	85/4 rooms	83/ 4 rooms	99/ 5 rooms	82/ 4 rooms

# ENROLLMENT/CLASSROOM SPACES

## Sandown North + Addition

<b>Grade 3</b>	82/4 rooms	69/3 rooms	79/ 4 rooms	87/ 4 rooms	85/4 rooms	102/ 5 rooms
<b>Grade 4</b>	60/3 rooms	84/4 rooms	71/ 3 rooms	81/ 4 rooms	89/ 4 rooms	87/ 4 rooms
<b>Grade 5</b>	72/3 rooms	63/ 3 rooms	88/ 4 rooms	75/ 3 rooms	85/ 4 rooms	93/ 4 rooms
<b>Total Classroom Space Needed</b>	24.5	26.5	28.5	27.5	28.5	29.5

# STAFFING NEEDS

- ▶ **School Counselor (1)**

With an increasing population of up to 524 students by 2025, Sandown North would require a second school counselor to provide Second-Step Guidance Curriculum to students, individual and small group counseling support, and to provide families with contacts and services.

- ▶ **Classroom Teachers at SN (5)**

By 2019, two additional teachers would be needed for the Sandown North School.

By 2020, two more teachers would be needed for Sandown North School.

By 2023, one more teachers would be needed for Sandown North School.

# FACILITIES

- ▶ **Lavalee's Proposal**

The 2008 original project proposal and estimated cost was \$5,674,000 .

- ▶ **Present Day Proposal**

\$6.5 - 7.25 million

\* The updated cost estimate is a modified estimate to reflect typical inflation of construction costs; this figure estimates the cost to fulfill the 2008 project in present day.

# OPTION #4 (Long-term)

- ▶ This option proposes closing Sandown Central and building at the TRMS/TRHS campus, in order to move all district 5th graders to the TRMS Campus, and the Timberlane Learning Center to the TRHS Campus.
- ▶ Option 4 was studied with the intention to address anticipated enrollment increases and presented a relevant discussion.
- ▶ The TRMS/TRHS campus was explored as a site of opportunity in our District, in terms of property and location.
- ▶ Upon further investigation, this option was found not to alleviate Sandown's concerns.

# ENROLLMENT/CLASSROOM SPACES TRMS

Timberlane Regional Middle School (2018 - 2023)						
# projected enrollment (4 classrooms per grade level)						
	18-19	19-20	20-21	21-22	22-23	23-24
<b>Grade 5</b>	258	231	227	246	252	269
<b>Grade 6</b>	279	263	236	231	251	256
<b>Grade 7</b>	248	278	261	234	232	250
<b>Grade 8</b>	273	251	279	264	236	234
<b>Total Classroom Space Needed/ Currently Available</b>	48 rooms / 36 rooms	48 rooms / 36 rooms	48 rooms / 36 rooms	48 rooms / 36 rooms	48 rooms / 36 rooms	48 rooms / 36 rooms
<b>Office, Special Education Services space, and Additional Unified Arts rooms are not included above.</b>						



# STAFFING NEEDS

- ▶ **School Counselor (1)** to support Grade 5 class of 250-300 students.

Additional Staffing support may be necessary for Special Education Services and Unified Arts.

# INSTRUCTIONAL MATERIALS, TECHNOLOGY, TRANSPORTATION

- ▶ Unified Arts (Art, Music, PE)
- ▶ Technology related materials (Chromebooks, Classroom Projectors & Carts, Classroom Printers, Teacher Laptop/Desktop)
  - Move from elementary schools to TRMS/TRHS Campus
- ▶ Additional busses from each town would be needed.

# DEVELOPMENT at the TRMS/TRHS CAMPUS

- ▶ To explore possible organizations and facilities plans at the TRMS/TRHS campus, it is recommended to reference the 2009-2020 Capital Improvement Plan. The CIP includes long-range planning options presented by NESDEC, visitation reports performed by NEASC, and facilities assessments performed by Lavalee Brensinger Architects.

# CONSIDERATION for Option #4

- ▶ The current Articles of Agreement must be considered when discussing a configuration change.

## ARTICLES OF AGREEMENT AMONG THE TOWNS OF ATKINSON, DANVILLE, PLAISTOW AND SANDOWN, NEW HAMPSHIRE

**3**

The Timberlane Regional School District shall be responsible for the public education of grades 1 through 12. Pupils in the pre-existing districts shall be assigned by the Regional Board to attend the elementary schools in the pre-existing districts in which they reside for no less than the first five years of formal schooling. Resident parents or guardians may voluntarily request that their elementary student(s) be assigned to another in-district public elementary school on an annual basis as long as seats are available and that no additional costs (transportation, etc.) be incurred by the School District. The Regional School Board may assign pupils to a school other than one in the pre-existing district in which they reside for the purpose of special education not available in the pre-existing district. Grades 6 through 12 may be maintained in central schools within the Cooperative District.

### Options 1-4 Comparison

	Option #1 (Short-term)		Option #2 (Short-term)		Option #3 (Long-term)		Option #4 (Long-term + Separate Study Needed)	
OPTION DESCRIPTION	TLC - K-1 at SC	Associated Costs	K-2 at SC, TLC moves to Pollard	Associated Costs	Close SC and put addition on to SN	Associated Costs	Close SC, Move all Grade 5 to TRMS and TLC to TRHS	Associated Costs
STAFFING	School Counselor	70,000	School Counselor	70,000	Classroom Teachers (5 by 2024)	350,000	School Counselor	70,000
	Part-time (.5) Library/Media Specialist	35,000	Part-time (.5) Library/Media Specialist	35,000	School Counselor	70,000		
	Classroom Teachers (2 needed by 2019)	140,000	Classroom Teachers (2 needed by 2019)	140,000				
TRANSPORTATION	Addition of 4 bus monitors	108,000	Addition of 4 bus monitors	108,000	No Additional Busses Needed	0	Additional bus for each town	TBD
FACILITIES (Site, Playground, Library, Furniture)	Playground Equipment (Swings, Slides, Sandbox, Mulch)	15,000	Playground Equipment (Swings, Slides, Sandbox, Mulch)	15,000	Construct 20,000 sq. foot classroom addition	6.5M-7.25M	Construction	TBD
	Additional Library Furniture	20,000	Additional Library Furniture	20,000				
	Satellite Operation For Lunch Service	52,050	Satellite Operation For Lunch Service	52,050				
	OR	OR	OR	OR				
	Kitchen/Cafe Reno	76,750	Kitchen/Cafe Reno	76,750				
	Cafeteria Furniture	25,000	Cafeteria Furniture	25,000				
	Moving Costs	5,000	Moving Costs	7,500				
	Air Cond. Unit in key common spaces	40,000	Air Cond. Unit in key common spaces	40,000				
	Site traffic flow	150,000	Site traffic flow	150,000				
	Additional Renovations	45,000	Additional Renovations	45,000				
TOTALS	<b>\$705,050 - 729,750</b>		<b>\$707,550 - 732,250</b>		<b>\$6.92 - 7.67 million</b>		<b>TBD</b>	