Maple Street School

Existing Building Condition

The Maple Street school is a small 1928 School serving grades K through 3. The exterior envelope is in good condition and provides for a comfortable interior environment. No comfort issues within classroom areas were reported by staff. It should also be noted that the Classrooms, although small, are well designed with high ceilings, lots of natural light, and built-in storage. Interior finishes are in generally good condition and appear to be well maintained. Lighting fixtures throughout the classrooms are direct T8 lensed fluorescent (inefficient compared to today’s standards) and should be scheduled for replacement.

Existing Site

Parking is very limited, with only 13 spaces on site. An additional 7 spaces should be added to accommodate staff. With nearly all parents, students, and visitors walking to this school, the drop-off area (and lack of visitor parking) is adequate at this time. The Maple Street School community should be applauded for this. Should this school modify it’s district (becoming a Magnet school or other regional school), the drop-off area would need to be increased and a few visitor parking spaces added.

The playground and outdoor space is large here with good student access. With only one play structure, added playground equipment should be considered for this area.

Safety, Security and Code Compliance

The front entrance is not supervisable due to configuration and lines of sight, resulting in a poorly secured facility. Modifications should be considered at the Entrance to allow the primary entrance to be supervised. It should also be noted that the Maple Street Social Worker must be located close to the entrance as this position has become a community and parent asset with many visitors. Thought should also be given to creating an entrance which would allow community use of a room in the school without full access to the remainder of the facility. This Facility is entirely non-accessible with stairs to enter the building, no elevator, and no accessible rest rooms.

Acoustics and Daylighting

Classroom acoustics and daylighting are excellent. Poor acoustic separation was noted at the Main Office areas, which are configured with partial-height walls.

Overview of Space Needs

The Maple Street school continues to serve four classes or less, very few additional spaces are required. Some modifications to allow for improved acoustics, security, and accessibility should still be made. Should this school become a K-5 School (Magnet or otherwise), the following spaces would need to be added:

- Added storage
- Accessible Staff/Adult and Student Rest rooms
- One Specialty Classroom (to accommodate Art, Music, and Chorus) as a single Multi-purpose room cannot accommodate this many classes for this many uses.
- One Conference room
- Larger Guidance Office
- 4th Grade Classroom
- 5th Grade Classrooms
- Two Added Intervention Spaces (to accommodate new grades)
- Appropriately sized Kindergarten room (current room undersized and could be re-purposed to one or more of the spaces listed above)

Acoustics and Daylighting

Classroom acoustics and daylighting are excellent. Poor acoustic separation was noted at the Main Office areas, which are configured with partial-height walls.

Programming / Space Needs

The Maplet Street school continues to serve four classes or less, very few additional spaces are required. Some modifications to allow for improved acoustics, security, and accessibility should still be made. Should this school become a K-5 School (Magnet or otherwise), the following spaces would need to be added:

- Added storage
- Accessible Staff/Adult and Student Rest rooms
- One Specialty Classroom (to accommodate Art, Music, and Chorus) as a single Multi-purpose room cannot accommodate this many classes for this many uses.
- One Conference room
- Larger Guidance Office
- 4th Grade Classroom
- 5th Grade Classrooms
- Two Added Intervention Spaces (to accommodate new grades)
- Appropriately sized Kindergarten room (current room undersized and could be re-purposed to one or more of the spaces listed above)
# Maple Street School Program Based on Enrollment

## Education Program Areas

<table>
<thead>
<tr>
<th>Course/Subject</th>
<th>Max Students</th>
<th># of Students</th>
<th>Enrollment</th>
<th># of Classrooms</th>
<th>Calculated SF of Rooms (Per Standard)</th>
<th>Periods per week</th>
<th># Spaces Required</th>
<th>Required Additional Spaces</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kindergarten</td>
<td>16</td>
<td>18</td>
<td>0.90</td>
<td>0.99</td>
<td>Full Day</td>
<td>1</td>
<td>1</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>1st Grade</td>
<td>17</td>
<td>20</td>
<td>0.94</td>
<td>0.94</td>
<td>Full Day</td>
<td>1</td>
<td>1</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>2nd Grade</td>
<td>17</td>
<td>22</td>
<td>0.86</td>
<td>0.86</td>
<td>Full Day</td>
<td>1</td>
<td>1</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>3rd Grade</td>
<td>17</td>
<td>22</td>
<td>0.86</td>
<td>0.86</td>
<td>Full Day</td>
<td>1</td>
<td>1</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>4th Grade</td>
<td>0</td>
<td>25</td>
<td>0.00</td>
<td>0.00</td>
<td>Full Day</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>5th Grade</td>
<td>0</td>
<td>25</td>
<td>0.00</td>
<td>0.00</td>
<td>Full Day</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>Total Enrollment</td>
<td>67</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

## Core Program Areas

<table>
<thead>
<tr>
<th>Space</th>
<th># of Students</th>
<th># of Classrooms</th>
<th>Calculated SF of Rooms (Per Standard)</th>
<th>Periods per week</th>
<th># Spaces Required</th>
<th>Required Additional Spaces</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Computer Lab</td>
<td>67</td>
<td>4</td>
<td>30</td>
<td>1</td>
<td>1</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>Art</td>
<td>51</td>
<td>4</td>
<td>5</td>
<td>1</td>
<td>1</td>
<td>0</td>
<td>Held in Multi-purpose room</td>
</tr>
<tr>
<td>Music</td>
<td>51</td>
<td>3</td>
<td>5</td>
<td>1</td>
<td>1</td>
<td>0</td>
<td>Held in Multi-purpose room</td>
</tr>
<tr>
<td>Physical Education</td>
<td>51</td>
<td>1</td>
<td>5</td>
<td>1</td>
<td>1</td>
<td>0</td>
<td>Held in Multi-purpose room</td>
</tr>
<tr>
<td>Media Center</td>
<td>57</td>
<td>6</td>
<td>268</td>
<td>1</td>
<td>1</td>
<td>0</td>
<td>Held in Multi-purpose room</td>
</tr>
<tr>
<td>Cafeteria</td>
<td>67</td>
<td>5</td>
<td>251</td>
<td>5</td>
<td>1</td>
<td>1830</td>
<td>Net Square Feet</td>
</tr>
<tr>
<td>Special Education Student Areas</td>
<td>50</td>
<td>1</td>
<td>30</td>
<td>2</td>
<td>2</td>
<td>2</td>
<td>Calculations assume 3 students/area</td>
</tr>
<tr>
<td>Intervention / Small Group Areas</td>
<td>61</td>
<td>5</td>
<td>30</td>
<td>3</td>
<td>3</td>
<td>3</td>
<td>Calculations assume 3 students/area</td>
</tr>
</tbody>
</table>

## Dept of Ed allowable

**Age Group** | Enrollment | SF/Pupil | Utilization | Total Building (NSF) | NGCSD allowable for new construction |
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Kindergarten</td>
<td>16</td>
<td>150</td>
<td>0.90</td>
<td>8160</td>
<td>14400</td>
</tr>
</tbody>
</table>

## Existing Analysis / Capacity

**Current Enrollment** | 63 |
**Current Building Size (gsf)** | 14,462 |

**Estimated Building Capacity Based solely on size of building**

<table>
<thead>
<tr>
<th>Education Areas Capacity</th>
<th># Classrooms</th>
<th>Max Seats/ Classroom</th>
<th>Utilization (90%)</th>
<th>Utilized Seats</th>
<th>Theoretical Student Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Specialty Classrooms (Art,Music, Cpu, Etc)</td>
<td>2</td>
<td>20</td>
<td>0.9</td>
<td>18</td>
<td>22</td>
</tr>
</tbody>
</table>

**Current Utilization / Capacity**

<table>
<thead>
<tr>
<th>Core Capacity</th>
<th>Size of Area (sf)</th>
<th>Appropriately Sized?</th>
<th>Swant/Person</th>
<th>Utilization (90%)</th>
<th>Periods per week</th>
<th>Required Additional Spaces</th>
<th>Theoretical Student Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Art</td>
<td>1830</td>
<td>Y</td>
<td>22</td>
<td>0.9</td>
<td>5</td>
<td>99</td>
<td>If taught within Multi-purpose room</td>
</tr>
<tr>
<td>Music</td>
<td>1830</td>
<td>Y</td>
<td>22</td>
<td>0.9</td>
<td>5</td>
<td>99</td>
<td>If taught within Multi-purpose room</td>
</tr>
<tr>
<td>Media Center</td>
<td>778</td>
<td>Y</td>
<td>Students x 10 x 40 sf</td>
<td>15</td>
<td>195</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gymnasium</td>
<td>1830</td>
<td>Y</td>
<td>44</td>
<td>0.9</td>
<td>5</td>
<td>198</td>
<td>If taught within Multi-purpose room</td>
</tr>
<tr>
<td>CPU Lab</td>
<td>778</td>
<td>Y</td>
<td>22</td>
<td>0.9</td>
<td>15</td>
<td>237</td>
<td>In Media Center</td>
</tr>
<tr>
<td>Cafeteria</td>
<td>1830</td>
<td>Y</td>
<td>102</td>
<td>0.9</td>
<td>5</td>
<td>91.5</td>
<td>Multi-purpose room</td>
</tr>
</tbody>
</table>
Approx. Location of oil tank
Maple Street School

Existing Assessment - Basement

STORAGE

773 SF

CIRCULATION
CLASSROOMS
SPECIAL EDUCATION / INTERVENTION
SPECIALTY CLASSROOMS
STAFF / FACILITY
SUPPORT

LAVELLE I BRENSINGER ARCHITECTS
Maple Street School

Existing Assessment - Main Level

Undersized Classroom
Note: These classrooms cannot feasibly be expanded to 900sf standards. To meet NH DOE standards of 36sf per student, each of these classrooms should be limited to 20 students (18 in Kindergarten)

Current Intervention, Reading, Speech, and Special Education Spaces

All classrooms lack enough electrical outlets

Door is only 2’x5’

These walls partial height, creating poor acoustics

Non-supervisable entrance from Administration areas
Undersized Classroom

Note: These classrooms cannot feasibly be expanded to 900sf standards. To meet NH DOE standards of 36sf per student, each of these classrooms should be limited to 19-20 students.

Current Intervention, Reading, and Special Education Spaces

LAVALLEE I BRENSINGER ARCHITECTS
Maple Street School

Recommended Improvements

- Location for future addition (Phase 2)
  - Should this school be expanded to a larger magnet school, the addition will create an art room, computer lab, larger library, guidance, accessibility (via elevators), and accessible rest rooms.

- Potential Added Playground Equipment

- Potential Added Parking

- Potential Bus Drop

- Potential Parent Drop with visitor parking (if converted to Magnet School or expanded District)
Maple Street School

Proposed Plan - Basement - PHASE 1

**No changes to this level**

LASALLE I BRENSINGER ARCHITECTS
change classroom from special education space to a 1st grade classroom

renovate front office to allow space for an accessible staff rest room

replace partial height partitions with full height partitions to improve acoustic quality

renovate library to allow space for reading + intervention room

** undersized classroom should be limited to 18 students

** undersized classroom should be limited to 19 students

** undersized classroom should be limited to 19 students

la ValleI i brensinger architects
Maple Street School

Proposed Plan - Level 2 - PHASE 1

**Undersized classroom should be limited to 19 students**

- Repurpose room from a Reading + Intervention classroom to a 4th grade classroom
- Renovate kitchen to allow space for a Special Education classroom
- Kitchen access restricted to staff only. Students will use service window accessed from multipurpose room.
- Music + Art to be taught in Multi-Purpose room this phase.

---

LAVALLEE I BRENSINGER ARCHITECTS
Maple Street School

Proposed Plan - Basement - PHASE 2

*No changes to this level

**No changes to this level

CIRCULATION
CLASSROOMS
SPECIAL EDUCATION / INTERVENTION
SPECIALTY CLASSROOMS
STAFF / FACILITY
SUPPORT
Maple Street School

Proposed Plan - Main Level - PHASE 2

5,400 GSF addition to create an art room, computer lab, larger library, guidance, accessibility (via elevator), and accessible rest rooms.

Repurpose space from Kindergarten classroom to Art room.

Repurpose space from Library to Computer Lab.

** Undersized classroom should be limited to 19 students.

Repurpose space from Kindergarten classroom to Art room.

5,400 GSF addition to create an art room, computer lab, larger library, guidance, accessibility (via elevator), and accessible rest rooms.

Repurpose space from Kindergarten classroom to Art room.

** Undersized classroom should be limited to 19 students.

LAVALLEI BRENSINGER ARCHITECTS
5,400 GSF addition to create art room, computer lab, larger library, guidance, accessibility (via elevator), and accessible rest rooms.

** Undersized classroom should be limited to 19 students.