



Commission No. 172113

Facilities Feasibility Study: Elementary School Capacity Analysis

OSSEO AREA SCHOOLS

ISD  **279**

Independent School District #279
11200 93rd Avenue North
Maple Grove, Minnesota 55369
Draft: April 13, 2018

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**PLANNERS
ARCHITECTS
ENGINEERS**



SUMMARY OF ELEMENTARY SCHOOL CAPACITY ANALYSIS

School Facility	Meets or Exceeds MDE Guidelines	
	<u>2017/18</u>	<u>2022/23</u>
Basswood Elementary School S.F./Student	No	No
Media Center	Yes	Yes
Cafeteria	No	No
Birch Grove Elementary School S.F./Student	Yes	Yes
Media Center	Yes	Yes
Cafeteria	Yes	Yes
Cedar Island Elementary School S.F./Student	Yes	Yes
Media Center	Yes	Yes
Cafeteria	Yes	Yes
Crest View Elementary School S.F./Student	Yes	Yes
Media Center	Yes	Yes
Cafeteria	Yes	Yes
Edinbrook Elementary School S.F./Student	Yes	Yes
Media Center	Yes	Yes
Cafeteria	Yes	Yes
Elm Creek Elementary School S.F./Student	Yes	Yes
Media Center	Yes	Yes
Cafeteria	Yes	Yes
Fair Oaks Elementary School S.F./Student	Yes	Yes
Media Center	Yes	Yes
Cafeteria	Yes	Yes
Fernbrook Elementary School S.F./Student	Yes	Yes
Media Center	Yes	Yes
Cafeteria	Yes	Yes
Garden City Elementary School S.F./Student	Yes	Yes
Media Center	Yes	Yes
Cafeteria	Yes	Yes



Independent School District #279 – Osseo Area Schools

Utilization/Capacity Analysis

Draft: April 13, 2018

School Facility	Meets or Exceeds MDE Guidelines	
	<u>2017/18</u>	<u>2022/23</u>
Oak View Elementary School S.F./Student	Yes	Yes
Media Center	Yes	Yes
Cafeteria	Yes	Yes
Palmer Lake Elementary School S.F./Student	Yes	Yes
Media Center	Yes	Yes
Cafeteria	No	Yes
Park Brook Elementary School S.F./Student	Yes	Yes
Media Center	Yes	Yes
Cafeteria	Yes	Yes
Rice Lake Elementary School S.F./Student	Yes	Yes
Media Center	Yes	Yes
Cafeteria	Yes	Yes
Rush City Elementary School S.F./Student	Yes	Yes
Media Center	Yes	Yes
Cafeteria	Yes	Yes
Weaver Lake Elementary School S.F./Student	Yes	Yes
Media Center	Yes	Yes
Cafeteria	Yes	Yes
Woodland Elementary School S.F./Student	Yes	Yes
Media Center	Yes	Yes
Cafeteria	Yes	Yes
Zanewood Elementary School S.F./Student	Yes	Yes
Media Center	Yes	Yes
Cafeteria	Yes	Yes

Note: Most buildings run a continuous feed serving process. Cafeteria calculations were based on two (2) grade levels per serving period (3 periods).



BASSWOOD ELEMENTARY SCHOOL CAPACITY ANALYSIS

A. Square Footage Per Student

Existing Gross SF:	102,648 SF
2017/18 Enrollment:	1,067 Students
2017/18 SF/Student:	96 SF/Student
MDE Guideline: (1000 – 1500 students)	100 - 135 SF/Student
Future Gross SF Need:	
1,148 Students x 100 - 135 SF	114,800 SF – 154,980 SF

B. Core Support Spaces Analysis

1. Existing Media Center	4,672 SF
(Seating, Stacks, Computer Access, Reference)	
MDE Guideline (Seating, Stacks, Computer Access, Reference)	
8%-10% of students x 35 SF	
1,067 students x 8%-10% x 35 SF	
86 - 107 students x 35 SF	3,010 SF – 3,745 SF
Media Center Entrance	+ <u>600 SF</u>
	3,610 SF – 4,345 SF
Future Media Center Need	
1,148 Students x 8% - 10% x 35 SF	
92 - 115 Students x 35 SF	3,220 SF – 4,025 SF
Media Center Entrance	+ <u>600 SF</u>
	3,820 SF – 4,625 SF
2. Existing Cafeteria	3,676 SF
MDE Guideline:	12 - 13 SF/Student
1,067 Students / 3 periods = 355 Students	
355 Students x 12 - 13 SF	4,260 SF – 4,615 SF
Future Cafeteria Need	
1,148 Students / 3 periods = 382 Students	
382 Students x 12 - 13 SF	4,584 SF – 4,966 SF



BIRCH GROVE ELEMENTARY SCHOOL CAPACITY ANALYSIS

A. Square Footage Per Student

Existing Gross SF:	74,314 SF
2017/18 Enrollment:	442 Students
2017/18 SF/Student:	168 SF/Student
MDE Guideline: (Less than 500 students)	125 - 155 SF/Student
Future Gross SF Need:	
428 Students x 125 - 155 SF	53,500 SF – 66,335 SF

B. Core Support Spaces Analysis

1. Existing Media Center	3,117 SF
(Seating, Stacks, Computer Access, Reference)	
MDE Guideline (Seating, Stacks, Computer Access, Reference)	
8%-10% of students x 35 SF	
442 students x 8%-10% x 35 SF	
36 - 44 students x 35 SF	1,260 SF – 1,540 SF
Media Center Entrance	+ <u>600 SF</u>
	1,860 SF – 2,140 SF
Future Media Center Need	
428 Students x 8% - 10% x 35 SF	
35 - 43 Students x 35 SF	1,225 SF – 1,505 SF
Media Center Entrance	+ <u>600 SF</u>
	1,825 SF – 2,105 SF
2. Existing Cafeteria	2,015 SF
MDE Guideline:	12 - 13 SF/Student
442 Students / 3 periods = 147 Students	
147 Students x 12-13 SF	1,764 SF – 1,911 SF
Future Cafeteria Need	
428 Students / 3 periods = 143 Students	
143 Students x 12 – 13 SF	1,716 SF – 1,859 SF



CEDAR ISLAND ELEMENTARY SCHOOL CAPACITY ANALYSIS

A. Square Footage Per Student

Existing Gross SF:	66,871 SF
2017/18 Enrollment:	443 Students
2017/18 SF/Student:	151 SF/Student
MDE Guideline: (Less than 500 students)	125 - 155 SF/Student
Future Gross SF Need:	
407 Students x 125-155 SF	50,875 SF – 63,085 SF

B. Core Support Spaces Analysis

1. Existing Media Center	3,620 SF
(Seating, Stacks, Computer Access, Reference)	
MDE Guideline (Seating, Stacks, Computer Access, Reference)	
8%-10% of students x 35 SF	
443 students x 8%-10% x 35 SF	
36 - 45 students x 35 SF	1,260 SF – 1,575 SF
Media Center Entrance	+ <u>600 SF</u>
	1,860 SF – 2,175 SF
Future Media Center Need	
407 Students x 8% - 10% x 35 SF	
33 - 41 Students x 35 SF	1,155 SF – 1,435 SF
Media Center Entrance	+ <u>600 SF</u>
	1,755 SF – 2,035 SF
2. Existing Cafeteria	2,015 SF
MDE Guideline:	12-13 SF/Student
443 students / 3 periods = 148 Students	
148 Students x 12-13 SF	1,776 SF – 1,924 SF
Future Cafeteria Need	
407 Students / 3 periods = 136 Students	
136 Students x 12 – 13 SF	1,632 SF – 1,768 SF



CREST VIEW ELEMENTARY SCHOOL CAPACITY ANALYSIS

A. Square Footage Per Student

Existing Gross SF:	59,702 SF
2017/18 Enrollment:	265 Students
2017/18 SF/Student:	225 SF/Student
MDE Guideline: (Less than 500 students)	125-155 SF/Student
Future Gross SF Need:	
244 Students x 125 - 155 SF	30,500 SF – 37,820 SF

B. Core Support Spaces Analysis

1. Existing Media Center	2,532 SF
(Seating, Stacks, Computer Access, Reference)	
MDE Guideline (Seating, Stacks, Computer Access, Reference)	
8%-10% of students x 35 SF	
265 students x 8%-10% x 35 SF	
22 - 27 students x 35 SF	770 SF – 945 SF
Media Center Entrance	+ 600 SF
	1,370 SF – 1,545 SF
Future Media Center Need	
244 Students x 8% - 10% x 35 SF	
20-25 Students x 35 SF	600 SF – 875 SF
Media Center Entrance	+ 600 SF
	1,300 SF – 1,475 SF
2. Existing Cafeteria	2,001 SF
MDE Guideline:	12-13 SF/Student
265 students / 3 periods = 89 students	
89 Students x 12-13 SF	1,068 SF – 1,157 SF
Future Cafeteria Need	
244 Students / 3 periods = 82 Students	
82 Students x 12-13 SF	984 SF – 1,066 SF



EDINBROOK ELEMENTARY SCHOOL CAPACITY ANALYSIS

A. Square Footage Per Student

Existing Gross SF:	106,406 SF
2017/18 Enrollment:	706 Students
2017/18 SF/Student:	151 SF/Student
MDE Guideline: (500 – 999 Students)	110 - 135 SF/Student
Future Gross SF Need:	
745 Students x 110 - 135 SF	81,950 SF – 100,575 SF

B. Core Support Spaces Analysis

1. Existing Media Center	5,206 SF
(Seating, Stacks, Computer Access, Reference)	
MDE Guideline (Seating, Stacks, Computer Access, Reference)	
8%-10% of students x 35 SF	
706 students x 8%-10% x 35 SF	
57 - 71 students x 35 SF	1,995 SF – 2,485 SF
Media Center Entrance	<u> 600 SF</u>
	2,595 SF – 3,085 SF
Future Media Center Need	
745 Students x 8% - 10% x 35 SF	
60 - 75 Students x 35 SF	2,100 SF – 2,625 SF
Media Center Entrance	<u> 600 SF</u>
	2,600 SF – 3,225 SF
2. Existing Cafeteria	3,723 SF
MDE Guideline:	12-13 SF/Student
706 students / 3 periods = 235 students	
235 Students x 12-13 SF	2,820 SF – 3,055 SF
Future Cafeteria Need	
745 Students / 3 periods = 249 Students	
249 Students x 12-13 SF	2,988 SF – 3,237 SF



ELM CREEK ELEMENTARY SCHOOL CAPACITY ANALYSIS

A. Square Footage Per Student

Existing Gross SF:	84,300 SF
2017/18 Enrollment:	524 Students
2017/18 SF/Student:	161 SF/Student
MDE Guideline: (500 – 999 Students)	110 - 135 SF/Student
Future Gross SF Need:	
561 Students x 110-135 SF	61,710 SF – 75,735 SF

B. Core Support Spaces Analysis

1. Existing Media Center	4,293 SF
(Seating, Stacks, Computer Access, Reference)	
MDE Guideline (Seating, Stacks, Computer Access, Reference)	
8%-10% of students x 35 SF	
524 students x 8%-10% x 35 SF	
42 - 53 students x 35 SF	1,470 SF – 1,855 SF
Media Center Entrance	<u>+ 600 SF</u>
	2,070 SF – 2,455 SF
Future Media Center Need	
561 Students x 8% - 10% x 35 SF	
45 - 56 Students x 35 SF	1,575 SF – 1,960 SF
Media Center Entrance	<u>+ 600 SF</u>
	2,175 SF – 2,560 SF
2. Existing Cafeteria	3,702 SF
MDE Guideline:	12-13 SF/Student
524 students / 3 periods = 175 students	
175 Students x 12-13 SF	2,100 SF – 2,275 SF
Future Cafeteria Need	
561 students / 3 periods = 187 students	
187 Students x 12-13 SF	2,244 SF – 2,431 SF



FAIR OAKS ELEMENTARY SCHOOL CAPACITY ANALYSIS

A. Square Footage Per Student

Existing Gross SF:	75,129 SF
2017/18 Enrollment:	395 Students
2017/18 SF/Student:	190 SF/Student
MDE Guideline: (Less than 500 students)	125 - 155 SF/Student
Future Gross SF Need:	
363 Students x 125 - 155 SF	45,375 SF – 56,265 SF

B. Core Support Spaces Analysis

1. Existing Media Center	3,290 SF
(Seating, Stacks, Computer Access, Reference)	
MDE Guideline (Seating, Stacks, Computer Access, Reference)	
8%-10% of students x 35 SF	
395 students x 8%-10% x 35 SF	
32 - 40 students x 35 SF	1,120 SF – 1,400 SF
Media Center Entrance	<u> 600 SF</u>
	1,720 SF – 2,000 SF
Future Media Center Need	
363 Students x 8% - 10% x 35 SF	
29 - 36 Students x 35 SF	1,015 SF – 1,260 SF
Media Center Entrance	<u> 600 SF</u>
	1,615 SF – 1,860 SF
2. Existing Cafeteria	2,045 SF
MDE Guideline:	12-13 SF/Student
395 students / 3 periods = 132 Students	
132 Students x 12-13 SF	1,584 SF – 1,716 SF
Future Cafeteria Need	
363 Students / 3 periods = 121 Students	
121 Students x 12-13 SF	1,452 SF – 1,573 SF



FERNBROOK ELEMENTARY SCHOOL CAPACITY ANALYSIS

A. Square Footage Per Student

Existing Gross SF:	105,440 SF
2017/18 Enrollment:	783 Students
2017/18 SF/Student:	135 SF/Student
MDE Guideline: (500 - 999 students)	110 - 135 SF/Student
Future Gross SF Need:	
741 Students x 110 - 135 SF	81,510 SF – 100,035 SF

B. Core Support Spaces Analysis

1. Existing Media Center	5,185 SF
(Seating, Stacks, Computer Access, Reference)	
MDE Guideline (Seating, Stacks, Computer Access, Reference)	
8%-10% of students x 35 SF	
783 students x 8%-10% x 35 SF	
63 - 79 students x 35 SF	2,205 SF – 2,765 SF
Media Center Entrance	<u> 600 SF</u>
	2,805 SF – 3,365 SF
Future Media Center Need	
741 Students x 8% - 10% x 35 SF	
60 - 74 Students x 35 SF	2,100 SF – 2,590 SF
Media Center Entrance	<u> 600 SF</u>
	2,700 SF – 3,190 SF
2. Existing Cafeteria	3,723 SF
MDE Guideline:	12-13 SF/Student
783 students / 3 periods = 261 Students	
261 Students x 12-13 SF	3,132 SF – 3,393 SF
Future Cafeteria Need	
741 Students / 3 periods = 247 Students	
247 Students x 12-13 SF	2,964 SF – 3,211 SF



GARDEN CITY ELEMENTARY SCHOOL CAPACITY ANALYSIS

A. Square Footage Per Student

Existing Gross SF:	55,153 SF
2017/18 Enrollment:	329 Students
2017/18 SF/Student:	168 SF/Student
MDE Guideline: (Less than 500 students)	125 - 155 SF/Student
Future Gross SF Need:	
359 Students x 125 - 155 SF	44,875 SF – 55,645 SF

B. Core Support Spaces Analysis

1. Existing Media Center	1,967 SF
(Seating, Stacks, Computer Access, Reference)	
MDE Guideline (Seating, Stacks, Computer Access, Reference)	
8%-10% of students x 35 SF	
329 students x 8%-10% x 35 SF	
27 - 33 students x 35 SF	945 SF – 1,155 SF
Media Center Entrance	+ <u>600 SF</u>
	1,545 SF – 1,755 SF
Future Media Center Need	
359 Students x 8% - 10% x 35 SF	
29 - 36 Students x 35 SF	1,015 SF – 1,260 SF
Media Center Entrance	+ <u>600 SF</u>
	1,615 SF – 1,860 SF
2. Existing Cafeteria	2,045 SF
MDE Guideline:	12-13 SF/Student
329 students / 3 periods = 110 Students	
110 Students x 12-13 SF	1,320 SF – 1,430 SF
Future Cafeteria Need	
359 Students / 3 periods = 120 Students	
120 Students x 12-13 SF	1,440 SF – 1,560 SF



OAK VIEW ELEMENTARY SCHOOL CAPACITY ANALYSIS

A. Square Footage Per Student

Existing Gross SF:	98,600 SF
2017/18 Enrollment:	469 Students
2017/18 SF/Student:	210 SF/Student
MDE Guideline: (Less than 500 students)	125 - 155 SF/Student
Future Gross SF Need:	
476 Students x 125 - 155 SF	59,500 SF – 73,780 SF

B. Core Support Spaces Analysis

1. Existing Media Center	5,185 SF
(Seating, Stacks, Computer Access, Reference)	
MDE Guideline (Seating, Stacks, Computer Access, Reference)	
8%-10% of students x 35 SF	
469 students x 8%-10% x 35 SF	
38 - 47 students x 35 SF	1,330 SF – 1,645 SF
Media Center Entrance	<u> 600 SF</u>
	1,930 SF – 2,245 SF
Future Media Center Need	
476 Students x 8% - 10% x 35 SF	
39 - 48 Students x 35 SF	1,365 SF – 1,680 SF
Media Center Entrance	<u> 600 SF</u>
	1,965 SF – 2,280 SF
2. Existing Cafeteria	3,723 SF
MDE Guideline:	12-13 SF/Student
469 students / 3 periods = 157 Students	
157 Students x 12-13 SF	1,884 SF – 2,041 SF
Future Cafeteria Need	
476 Students / 3 periods = 159 Students	
159 Students x 12-13 SF	1,908 SF – 2,067 SF



PALMER LAKE ELEMENTARY SCHOOL CAPACITY ANALYSIS

A. Square Footage Per Student

Existing Gross SF:	74,463 SF
2017/18 Enrollment:	506 Students
2017/18 SF/Student:	147 SF/Student
MDE Guideline: (500 – 999 Students)	110 - 135 SF/Student
Future Gross SF Need:	
491 Students x 110 - 135 SF	54,010 SF – 66,285 SF

B. Core Support Spaces Analysis

1. Existing Media Center	3,423 SF
(Seating, Stacks, Computer Access, Reference)	
MDE Guideline (Seating, Stacks, Computer Access, Reference)	
8%-10% of students x 35 SF	
506 students x 8%-10% x 35 SF	
41 - 51 students x 35 SF	1,435 SF – 1,785 SF
Media Center Entrance	<u>+ 600 SF</u>
	2,035 SF – 2,385 SF
Future Media Center Need	
491 Students x 8% - 10% x 35 SF	
40 – 50 Students x 35 SF	1,400 SF – 1,750 SF
Media Center Entrance	<u>+ 600 SF</u>
	2,000 SF – 2,350 SF
2. Existing Cafeteria	2,015 SF
MDE Guideline:	12-13 SF/Student
506 students / 3 periods = 169 Students	
169 Students x 12-13 SF	2,028 SF – 2,197 SF
Future Cafeteria Need	
491 Students / 3 periods = 164 Students	
164 Students x 12-13 SF	1,968 SF – 2,132 SF



PARK BROOK ELEMENTARY SCHOOL CAPACITY ANALYSIS

A. Square Footage Per Student

Existing Gross SF:	55,011 SF
2017/18 Enrollment:	272 Students
2017/18 SF/Student:	202 SF/Student
MDE Guideline: (Less than 500 students)	125 - 155 SF/Student
Future Gross SF Need:	
255 Students x 125 - 155 SF	31,875 SF – 39,525 SF

B. Core Support Spaces Analysis

1. Existing Media Center	1,942 SF
(Seating, Stacks, Computer Access, Reference)	
MDE Guideline (Seating, Stacks, Computer Access, Reference)	
8%-10% of students x 35 SF	
272 students x 8%-10% x 35 SF	
22 - 28 students x 35 SF	770 SF – 980 SF
Media Center Entrance	+ 600 SF
	1,370 SF – 1,580 SF
Future Media Center Need	
255 Students x 8% - 10% x 35 SF	
21 - 26 Students x 35 SF	735 SF – 910 SF
Media Center Entrance	+ 600 SF
	1,335 SF – 1,510 SF
2. Existing Cafeteria	2,045 SF
MDE Guideline:	12-13 SF/Student
272 students / 3 periods = 91 Students	
91 Students x 12-13 SF	1,092 SF – 1,183 SF
Future Cafeteria Need	
255 Students / 3 periods = 85 Students	
85 Students x 12-13 SF	1,020 SF – 1,105 SF



RICE LAKE ELEMENTARY SCHOOL CAPACITY ANALYSIS

A. Square Footage Per Student

Existing Gross SF:	84,300 SF
2017/18 Enrollment:	689 Students
2017/18 SF/Student:	122 SF/Student
MDE Guideline: (500 – 999 Students)	110 - 135 SF/Student
Future Gross SF Need:	
730 Students x 110 - 135 SF	80,300 SF – 98,550 SF

B. Core Support Spaces Analysis

1. Existing Media Center	4,130 SF
(Seating, Stacks, Computer Access, Reference)	
MDE Guideline (Seating, Stacks, Computer Access, Reference)	
8%-10% of students x 35 SF	
689 students x 8%-10% x 35 SF	
56 - 69 students x 35 SF	1,960 SF – 2,415 SF
Media Center Entrance	<u> 600 SF</u>
	2,560 SF – 3,015 SF
Future Media Center Need	
730 Students x 8% - 10% x 35 SF	
59 - 73 Students x 35 SF	2,065 SF – 3,555 SF
Media Center Entrance	<u> 600 SF</u>
	2,665 SF – 3,155 SF
2. Existing Cafeteria	3,702 SF
MDE Guideline:	12-13 SF/Student
689 students / 3 periods = 230 Students	
230 Students x 12-13 SF	2,760 SF – 2,990 SF
Future Cafeteria Need	
730 Students / 3 periods = 244 Students	
244 Students x 12-13 SF	2,928 SF – 3,172 SF



RUSH CREEK ELEMENTARY SCHOOL CAPACITY ANALYSIS

A. Square Footage Per Student

Existing Gross SF:	102,684 SF
2017/18 Enrollment:	814 Students
2017/18 SF/Student:	126 SF/Student
MDE Guideline: (500 – 999 Students)	110 - 135 SF/Student
Future Gross SF Need:	
769 Students x 110 - 135 SF	84,590 SF – 103,815 SF

B. Core Support Spaces Analysis

1. Existing Media Center	4,672 SF
(Seating, Stacks, Computer Access, Reference)	
MDE Guideline (Seating, Stacks, Computer Access, Reference)	
8%-10% of students x 35 SF	
814 students x 8%-10% x 35 SF	
66 - 82 students x 35 SF	2,310 SF – 2,870 SF
Media Center Entrance	<u> 600 SF</u>
	2,910 SF – 3,470 SF
Future Media Center Need	
769 Students x 8% - 10% x 35 SF	
62 - 77 Students x 35 SF	2,170 SF – 2,695 SF
Media Center Entrance	<u> 600 SF</u>
	2,770 SF – 3,295 SF
2. Existing Cafeteria	3,676 SF
MDE Guideline:	12-13 SF/Student
814 students / 3 periods = 272 Students	
272 Students x 12-13 SF	3,264 SF – 3,536 SF
Future Cafeteria Need	
769 Students / 3 periods = 256 Students	
256 Students x 12-13 SF	3,072 SF – 3,328 SF



WEAVER LAKE ELEMENTARY SCHOOL CAPACITY ANALYSIS

A. Square Footage Per Student

Existing Gross SF:	98,600 SF
2017/18 Enrollment:	643 Students
2017/18 SF/Student:	153 SF/Student
MDE Guideline: (500 – 999 Students)	110 - 135 SF/Student
Future Gross SF Need:	
644 Students x 110 - 135 SF	70,840 SF – 86,940 SF

B. Core Support Spaces Analysis

1. Existing Media Center	4,672 SF
(Seating, Stacks, Computer Access, Reference)	
MDE Guideline (Seating, Stacks, Computer Access, Reference)	
8%-10% of students x 35 SF	
643 students x 8%-10% x 35 SF	
52 - 65 students x 35 SF	1,820 SF – 2,275 SF
Media Center Entrance	<u>+ 600 SF</u>
	2,420 SF – 2,875 SF
Future Media Center Need	
644 Students x 8% - 10% x 35 SF	
52 - 65 Students x 35 SF	1,820 SF – 2,275 SF
Media Center Entrance	<u>+ 600 SF</u>
	2,420 SF – 2,875 SF
2. Existing Cafeteria	3,676 SF
MDE Guideline:	12-13 SF/Student
643 students / 3 periods = 215 Students	
215 Students x 12-13 SF	2,580 SF – 2,795 SF
Future Cafeteria Need	
644 Students / 3 periods = 215 Students	
215 Students x 12-13 SF	2,580 SF – 2,795 SF



WOODLAND ELEMENTARY SCHOOL CAPACITY ANALYSIS

A. Square Footage Per Student

Existing Gross SF:	101,555 SF
2017/18 Enrollment:	728 Students
2017/18 SF/Student:	139 SF/Student
MDE Guideline: (500 – 999 Students)	110 - 135 SF/Student
Future Gross SF Need:	
779 Students x 110 - 135 SF	85,690 SF – 105,165 SF

B. Core Support Spaces Analysis

1. Existing Media Center	4,672 SF
(Seating, Stacks, Computer Access, Reference)	
MDE Guideline (Seating, Stacks, Computer Access, Reference)	
8%-10% of students x 35 SF	
728 students x 8%-10% x 35 SF	
59 - 73 students x 35 SF	2,065 SF – 2,555 SF
Media Center Entrance	<u> 600 SF</u>
	2,665 SF – 3,155 SF
Future Media Center Need	
779 Students x 8% - 10% x 35 SF	
63 - 78 Students x 35 SF	2,205 SF – 2,730 SF
Media Center Entrance	<u> 600 SF</u>
	2,805 SF – 3,330 SF
2. Existing Cafeteria	3,676 SF
MDE Guideline:	12-13 SF/Student
728 students / 3 periods = 243 Students	
243 Students x 12-13 SF	2,916 SF – 3,159 SF
Future Cafeteria Need	
779 Students / 3 periods = 260 Students	
260 Students x 12-13 SF	3,120 SF – 3,380 SF



ZANEWOOD ELEMENTARY SCHOOL CAPACITY ANALYSIS

A. Square Footage Per Student

Existing Gross SF:	81,843 SF
2017/18 Enrollment:	392 Students
2017/18 SF/Student:	209 SF/Student
MDE Guideline: (Less than 500 Students)	125 - 155 SF/Student
Future Gross SF Need:	
370 Students x 125 - 155 SF	46,250 SF – 57,350 SF

B. Core Support Spaces Analysis

1. Existing Media Center	2,541 SF
(Seating, Stacks, Computer Access, Reference)	
MDE Guideline (Seating, Stacks, Computer Access, Reference)	
8%-10% of students x 35 SF	
392 students x 8%-10% x 35 SF	
32 - 40 students x 35 SF	1,120 SF – 1,400 SF
Media Center Entrance	<u>+ 600 SF</u>
	1,720 SF – 2,000 SF
Future Media Center Need	
370 Students x 8% - 10% x 35 SF	
30 - 37 Students x 35 SF	1,050 SF – 1,295 SF
Media Center Entrance	<u>+ 600 SF</u>
	1,650 SF – 1,895 SF
2. Existing Cafeteria	2,843 SF
MDE Guideline:	12-13 SF/Student
392 students / 3 periods = 131 Students	
131 Students x 12-13 SF	1,572 SF – 1703 SF
Future Cafeteria Need	
370 Students / 3 periods = 124 Students	
124 Students x 12-13 SF	1,488 SF – 1,612 SF