



# Building/Program Capacities

## Educational Space Analysis

### Sun Prairie Area School District

Sun Prairie, WI  
PRA Project #130071-01

July 15, 2013



## INTRODUCTION

This report is prepared to provide an objective analysis to determine the building capacities at 12 school buildings for the Sun Prairie Area School District (SPASD).

This analysis has three sections

- Overview to outline the process and assumptions in determining building capacity
- Building/Program Capacities worksheets and summary
- Building floor plans to identify spaces

We appreciate the opportunity to have provided this analysis on building capacity.



# *Overview*



## OVERVIEW

Through interview with building Principals, building tour and space utilization data provided, this capacity analysis provides a quantitative measure of spaces currently located within each school to support current and potential programming. This analysis includes all elementary, middle and high school facilities of the Sun Prairie Area School District (SPASD).

The Sun Prairie Area School District provided the following Class Size Guidelines (2-18-13):

SAGE Schools (Westside and C.H. Bird Elementary Schools):

<u>Grade</u>	<u>Students</u>
Kindergarten	18 maximum
First – Third Grade	18 maximum
Fourth Grade	24 +/-2
Fifth Grade	25 +/-2

Non-SAGE Schools:

<u>Grade</u>	<u>Student</u>
Kindergarten	18 +/-2
First Grade	19 +/-2
Second Grade	20 +/-2
Third Grade	23 +/-2
Fourth Grade	24 +/-2
Fifth Grade	25 +/-2
Middle School	26 +/-2
Upper Middle School	26 +/-2
High School	25 +/-2

There are three questions that need to be answered in order to determine a buildings capacity. These questions are:

Is the existing capacity adequate to service the needs of the district today and in the future? If not, what are the additional space needs required? (Capacity)

Are there any building space deficiencies that should be addressed immediately? (Deficiency)

What facilities will be required in order to accommodate visionary programs? (Vision)

For the specific scope requested by the Sun Prairie Area Schools District, we will be analyzing only the first question in regard to capacity. The contents of this analysis on building capacity provided within will assist the District to address the second and third question as related to space deficiency and visionary programs within each building.

It will be the District's objective to determine how each building is to function and service the students that attend their assigned school and the uniqueness that each building has provided.

Current enrollment has been identified for reference, and does not factor in to any capacity calculations, but has been identified to determine if a building is currently over or (under) capacity.

The method of calculating capacity has been accomplished by two scenarios; "**Target Class Size Capacity**" is the point where the building is functioning optimally as an educational facility. This is at the point where the District should be planning and preparing for the future of the facility, or other facilities within the District, before reaching the identified maximum class size capacity. The "**Maximum Class Size Capacity**" is the point where a building is at the maximum student count to run effectively and efficiently. The District has identified that student count is constantly monitored throughout the year, and also has been projected on an annual basis with the assistance of outside consulting services.

The analysis incorporates an operational efficiency based upon the grade levels that occupy each building which are as follows: 90% of the maximum capacity level, and of the targeted capacity, at the elementary school buildings for optimum building utilization. 85% of the maximum capacity level to be the targeted capacity at the middle school level for optimum building utilization. 80% of the maximum capacity level to be the targeted capacity at the high school level for optimum building utilization. These utilization factors are used to compensate for scheduling difficulties and variations in class size. Operating a facility at or below these levels allows for the availability of time and space in the building to support teacher preparation and tutoring activities, the flexibility to accommodate scheduling conflicts between events and classes, and unscheduled special assistance to individual or small groups of students.



## ELEMENTARY SCHOOL CAPACITY

Assessing the Capacity Based on the Number of Rooms and the Class Size Guideline

There are several ways to assess the existing elementary school capacity. The method this analysis will be based upon is assessing the Capacity on the current and potential change from current use, the number of rooms that are adequate to be classrooms. The number of classrooms is then calculated by the number of students to occupy the room, which has been determined by the Districts Class Size Guidelines. The resultant calculation is then multiplied by 90% (which is a planning guideline for the student station utilization factor as explained above).

Maximum Class Size Formula:

$$\text{Number of Classrooms per grade level} * \text{Maximum Class size} = \text{Capacity} * 90\% = \underline{\text{Maximum Capacity}}$$

Target Class Size Formula:

$$\text{Number of Classrooms per grade level} * \text{Target Class size} = \text{Capacity} * 90\% = \underline{\text{Target Capacity}}$$

## MIDDLE SCHOOL CAPACITY

Assessing the Capacity Based on the Number of Rooms and the Maximum Class Size

The method this analysis will be based upon is assessing the Capacity on the current and potential change from current use, the number of rooms that are adequate to be classrooms. The number of classrooms is then calculated by the number of students to occupy the room, which has been determined by the Districts Class Size Guidelines. The usage factor is determined by the actual use of a classroom, divided by the number of periods that the building operates within an instructional day. The resultant calculation is then multiplied by 85% (which is a planning guideline for the student station utilization factor as explained above). Each classroom or instructional space that has been assigned for student credit will be factored in to the calculation. This method will determine how many students are in an assigned instruction space at any one period of the day. After a period has ended, the students rotate to another instructional space. The periods that each instructional space is used will vary depending upon the administrations scheduling of the spaces, as will the target class size number, which is dependent upon the acceptable number of students assigned.

Maximum Class Size Formula:

$$\begin{aligned} \text{Periods used} / \text{Periods in day} &= \text{Usage Factor \%} \\ \text{Number of Rooms} * \text{Usage Factor \%} * \text{Class size} &= \underline{\text{Maximum Capacity}} \end{aligned}$$

Target Class Size Formula:

$$\begin{aligned} \text{Periods used} / \text{Periods in day} &= \text{Usage Factor \%} \\ \text{Number of Rooms} * \text{Usage Factor \%} * \text{Class size} &= \text{Capacity} * 85\% = \underline{\text{Target Capacity}} \end{aligned}$$

## HIGH SCHOOL CAPACITY

The method this analysis will be based upon is assessing the Capacity on the current and potential change from current use, the number of rooms that are adequate to be classrooms. The number of classrooms is then calculated by the number of students to occupy the room, which has been determined by the Districts Class Size Guidelines. The usage factor is determined by the actual use of a classroom, divided by the number of periods that the building operates within an instructional day. The resultant calculation is then multiplied by 80% (which is a planning guideline for the student station utilization factor as explained above). Each classroom or instructional space that has been assigned for student credit will be factored in to the calculation. This method will determine how many students are in an assigned instruction space at any one period of the day. After a period has ended, the students rotate to another instructional space. The periods that each instructional space is used will vary depending upon the administrations scheduling of the spaces, as will the target class size number, which is dependent upon the acceptable number of students assigned.

Maximum Class Size Formula:

$$\begin{aligned} \text{Periods used} / \text{Periods in day} &= \text{Usage Factor \%} \\ \text{Number of Rooms} * \text{Usage Factor \%} * \text{Class size} &= \underline{\text{Maximum Capacity}} \end{aligned}$$

Target Class Size Formula:

$$\begin{aligned} \text{Periods used} / \text{Periods in day} &= \text{Usage Factor \%} \\ \text{Number of Rooms} * \text{Usage Factor \%} * \text{Class size} &= \text{Capacity} * 80\% = \underline{\text{Target Capacity}} \end{aligned}$$

## Space Deficiencies

Are there any building space deficiencies that should be addressed? The scope of this analysis does not identify spaces that are not adequate based upon classroom size, but the spaces identified as classrooms, and potential change from current use have been verified that they would be adequate for the intended instruction. Spaces identified as; Specials, Special Education, or other designation have not been assessed to determine if they are sized adequately for the purpose of their use. An example would be to determine if the gymnasium is the appropriate size for the various physical activities that accommodate the number of students using the space. Another example is to calculate if the cafeteria capacity for the number of students that are assigned a lunch period. These examples for review of spaces were not intended to be part of this analysis.

## Analysis Assumptions

PRA has made several assumptions in order to create the capacity study below. These assumptions include:

- One teacher per teaching station (typically this means one teacher per room)
- Schedules of classes, usage of rooms and the basic curriculum will remain the same
- Identified Potential Classroom allocation, was verified by the building Principal

The building capacities derived and presented in this study are predicated on very specific methods of program delivery that have been adopted by the District. These methods of program delivery are linked to specific academic and non-academic goals and reflect community expectations.

This study does not determine capacity by utilizing building or fire code “life safety” building capacities, nor by merely counting the number of rooms per site and multiplying by an average student to teacher ratio. Those methods, while useful insofar as they provide an upward limit for capacity, are very limited in their utility in providing a practical capacity based on current program delivery. In short, the Sun Prairie Area School District Board of Education and community expect that the program and delivery model will largely drive the use of building space, not that building space will dictate the program model and delivery. Therefore, the following assumptions are embedded in the derivation of the building capacities:

### Elementary Schools:

- SAGE (Student Achievement Guarantee in Education) programs exist at C.H. Bird and Westside. This program requires that student to teacher ratios at the Kindergarten through grade three levels to be no greater than 18 to 1.
- Regular classroom space is dedicated to special education
- Regular classroom space is dedicated to Bilingual / ESL instruction
- Teachers have at least one prep period in their classroom thus taking that classroom out of use for that period.
- Capacities are based on 90% room usage efficiency
- Specials classroom space are not calculated as part of capacity
- All buildings to have allocated LGI space

### Middle Schools

- 8 periods of classes in an academic day
- Core curriculum includes Reading classroom as well as; Social Studies, English, Math, Science
- Regular classroom space is dedicated to Bilingual / ESL education
- Regular classroom space is dedicated to special education
- Regular classroom space is dedicated to at-risk programming
- Capacities are based on 85% room usage efficiency
- Teachers have at least one prep period in their classroom thus taking that classroom out of use for that period.

## High School

- 7 periods of classes in an academic day
- Regular classroom space is dedicated to Bilingual / ESL education
- Regular classroom space is dedicated to special education
- Regular classroom space is dedicated to at-risk programming
- Capacities are based on 80% room usage efficiency
- Teachers have at least one prep period in their classroom thus taking that classroom out of use for that period.
- Some classes have specialized space needs and thus cannot be placed in just any regular classroom. This includes such classes as ceramics, video production and chemistry labs for example.

## Sources

The goal of this analysis was to measure enrollment capacity of the schools within the Sun Prairie Area School District relative to generally accepted standards of square feet per student and student station utilization factors. The utilization factors used in this report are derived from not only our in-house knowledge of programming educational facilities but from nationally recognized experts such as Basil .Castaldi's 'Educational Facilities', resources available from 'The Little Institute for School Facilities Research' and from resources available through CEFPI (The Council of Educational Facility Planners, International).

Castaldi, B., Educational Facilities; Planning, Modernization, and Management, 1994. Fourth Edition, Allyn and Bacon Publishers, 160 Gould Street, Needham Heights, MA 02194.

The School Design Primer, The Little Institute for School Facilities Research, 1996. Contact The Little Institute for School Facilities Research, 5815 Westpark Drive, Charlotte, NC 28217.

Guide for Planning Educational Facilities, The Council of Educational Facility Planners International, 1991. Contact CEFPI at 8687 E. Via de Ventura, Suite 311, Scottsdale, AZ 85258-3347.

While the Board of Education can certainly direct and approve policy changes to redirect program model and delivery methods in the future, this report seeks to identify the current educational and contractual policies that drive the District's current building configurations and utilization.

# *Building/Program Capacities Worksheets*



## Building/Program Capacities

All Buildings

**Capacity Enrollment Summary**

	Number of Classrooms	Maximum Class Size Capacity 90%	Target Class Size Capacity 90%
Elementary School			
C.H. Bird	25	451	440 SAGE School
Creekside	24	506	463
Eastside	24	500	457
Horizon	24	501	458
Northside	25	521	476
Royal Oaks	24	502	459
Westside	24	440	428 SAGE School
Totals:	170	3,422	3,181

		Maximum Class Size Capacity	Target Class Size Capacity 85%
Middle School			
Patrick Marsh		853	725
Prairie View		853	725
Cardinal Heights Upper		1,646	1,399
Totals:		3,352	2,849

		Maximum Class Size Capacity	Target Class Size Capacity 80%
High School			
Sun Prairie High		2,073	1,658
Totals:		2,073	1,658

		Maximum Class Size Capacity	Target Class Size Capacity 80%
Alternative			
Prairie Phoenix Academy		119	96
Totals:		119	96

## Building/Program Capacities

C.H. Bird Elementary School

**Current Enrollment and Room Usage - Year 2012/13 April 25, 2013**

Program	Current Enrollment	Number of Rooms Used	Number of Students Per Room	Room Numbers
Kindergarten	90	5	18.00	SAGE
First Grade	90	5	18.00	SAGE
Second Grade	90	5	18.00	SAGE
Third Grade	70	4	17.50	SAGE
Fourth Grade	70	3	23.33	
Fifth Grade	67	3	22.33	
Totals:	477	25		

**Enrollment Capacity based on Maximum and Target Class Size**

Num. of Rooms	Program	Maximum Class Size	Maximum Capacity	Target Class Size	Target Capacity	
5	Kindergarten	18	90	18	90	SAGE
5	First Grade	18	90	18	90	SAGE
5	Second Grade	18	90	18	90	SAGE
4	Third Grade	18	72	18	72	SAGE
3	Fourth Grade	26	78	24	72	
3	Fifth Grade	27	81	25	75	
25	Current Classrooms		501		489	
-	Change from current use	21	-	20	-	
<b>25</b>	<b>Total Classrooms</b>		<b>501</b>		<b>489</b>	
			<b>Maximum Capacity</b>		<b>Target Capacity</b>	
	Capacity @ 90%		451		440	
	Current Enrollment		477		477	
	Capacity over/(under)		26		37	



## Building/Program Capacities

## Creekside Elementary School

**Current Enrollment and Room Usage - Year 2012/13 April 26, 2013**

Program	Current Enrollment	Number of Rooms Used	Number of Students Per Room	Room Numbers
Kindergarten	68	4	17.00	
First Grade	55	3	18.33	
Second Grade	77	4	19.25	
Third Grade	79	4	19.75	
Fourth Grade	64	3	21.33	
Fifth Grade	70	3	23.33	
Totals:	413	21		

**Enrollment Capacity based on Maximum and Target Class Size**

Num. of Rooms	Program	Maximum Class Size	Maximum Capacity	Target Class Size	Target Capacity
4	Kindergarten	20	80	18	72
3	First Grade	21	63	19	57
4	Second Grade	22	88	20	80
4	Third Grade	25	100	23	92
3	Fourth Grade	26	78	24	72
3	Fifth Grade	27	81	25	75
21	Current Classrooms		490		448
3	Change from current use	24	72	22	66
<b>24</b>	<b>Total Classrooms</b>		<b>562</b>		<b>514</b>
			<b>Maximum Capacity</b>		<b>Target Capacity</b>
	Capacity @ 90%		<b>506</b>		<b>463</b>
	Current Enrollment		413		413
	Capacity over/(under)		(93)		(50)

## Building/Program Capacities

## Eastside Elementary School

**Current Enrollment and Room Usage - Year 2012/13 April 19, 2013**

Program	Current Enrollment	Number of Rooms Used	Number of Students Per Room	Room Numbers
Kindergarten	94	5	18.80	
First Grade	84	4	21.00	
Second Grade	87	4	21.75	
Third Grade	73	3	24.33	
Fourth Grade	85	4	21.25	
Fifth Grade	79	3	26.33	
Totals:	502	23		

**Enrollment Capacity based on Maximum and Target Class Size**

Num. of Rooms	Program	Maximum Class Size	Maximum Capacity	Target Class Size	Target Capacity
5	Kindergarten	20	100	18	90
4	First Grade	21	84	19	76
4	Second Grade	22	88	20	80
3	Third Grade	25	75	23	69
4	Fourth Grade	26	104	24	96
3	Fifth Grade	27	81	25	75
23	Current Classrooms		532		486
1	Change from current use	24	24	22	22
<b>24</b>	<b>Total Classrooms</b>		<b>556</b>		<b>508</b>
			<b>Maximum Capacity</b>		<b>Target Capacity</b>
	Capacity @ 90%		500		457
	Current Enrollment		502		502
	Capacity over/(under)		2		45

## Building/Program Capacities

## Horizon Elementary School

**Current Enrollment and Room Usage - Year 2012/13 May 3, 2013**

Program	Current Enrollment	Number of Rooms Used	Number of Students Per Room	Room Numbers
Kindergarten	89	5	17.80	
First Grade	82	4	20.50	
Second Grade	89	4	22.25	
Third Grade	86	4	21.50	
Fourth Grade	79	4	19.75	
Fifth Grade	82	3	27.33	
Totals:	507	24		

**Enrollment Capacity based on Maximum and Target Class Size**

Num. of Rooms	Program	Maximum Class Size	Maximum Capacity	Target Class Size	Target Capacity
5	Kindergarten	20	100	18	90
4	First Grade	21	84	19	76
4	Second Grade	22	88	20	80
4	Third Grade	25	100	23	92
4	Fourth Grade	26	104	24	96
3	Fifth Grade	27	81	25	75
24	Current Classrooms		557		509
-	Change from current use	24	-	22	-
<b>24</b>	<b>Total Classrooms</b>		<b>557</b>		<b>509</b>
			<b>Maximum Capacity</b>		<b>Target Capacity</b>
	Capacity @ 90%		<b>501</b>		<b>458</b>
	Current Enrollment		507		507
	Capacity over/(under)		6		49

## Building/Program Capacities

## Northside Elementary School

**Current Enrollment and Room Usage - Year 2012/13 April 19, 2013**

Program	Current Enrollment	Number of Rooms Used	Number of Students Per Room	Room Numbers
Kindergarten	80	4	20.00	
First Grade	93	5	18.60	
Second Grade	88	4	22.00	
Third Grade	71	3	23.67	
Fourth Grade	76	3	25.33	
Fifth Grade	68	3	22.67	
Totals:	476	22		

**Enrollment Capacity based on Maximum and Target Class Size**

Num. of Rooms	Program	Maximum Class Size	Maximum Capacity	Target Class Size	Target Capacity
4	Kindergarten	20	80	18	72
5	First Grade	21	105	19	95
4	Second Grade	22	88	20	80
3	Third Grade	25	75	23	69
3	Fourth Grade	26	78	24	72
3	Fifth Grade	27	81	25	75
22	Current Classrooms		507		463
3	Change from current use	24	72	22	66
<b>25</b>	<b>Total Classrooms</b>		<b>579</b>		<b>529</b>
			<b>Maximum Capacity</b>		<b>Target Capacity</b>
	Capacity @ 90%		521		476
	Current Enrollment		476		476
	Capacity over/(under)		(45)		(0)

## Building/Program Capacities

## Royal Oaks Elementary School

**Current Enrollment and Room Usage - Year 2012/13 April 19, 2013**

Program	Current Enrollment	Number of Rooms Used	Number of Students Per Room	Room Numbers
Kindergarten	78	4	19.50	
First Grade	78	4	19.50	
Second Grade	87	4	21.75	
Third Grade	60	3	20.00	
Fourth Grade	75	3	25.00	
Fifth Grade	77	3	25.67	
Totals:	455	21		

**Enrollment Capacity based on Maximum and Target Class Size**

Num. of Rooms	Program	Maximum Class Size	Maximum Capacity	Target Class Size	Target Capacity
4	Kindergarten	20	80	18	72
4	First Grade	21	84	19	76
4	Second Grade	22	88	20	80
3	Third Grade	25	75	23	69
3	Fourth Grade	26	78	24	72
3	Fifth Grade	27	81	25	75
21	Current Classrooms		486		444
3	Change from current use	24	72	22	66
<b>24</b>	<b>Total Classrooms</b>		<b>558</b>		<b>510</b>
			<b>Maximum Capacity</b>		<b>Target Capacity</b>
	Capacity @ 90%		<b>502</b>		<b>459</b>
	Current Enrollment		455		455
	Capacity over/(under)		(47)		(4)

## Building/Program Capacities

## Westside Elementary School

**Current Enrollment and Room Usage - Year 2012/13 May 1, 2013**

Program	Current Enrollment	Number of Rooms Used	Number of Students Per Room	Room Numbers
Kindergarten	70	4	17.50	SAGE
First Grade	66	4	16.50	SAGE
Second Grade	68	4	17.00	SAGE
Third Grade	72	4	18.00	SAGE
Fourth Grade	60	3	20.00	
Fifth Grade	59	3	19.67	
Totals:	395	22		

**Enrollment Capacity based on Maximum and Target Class Size**

Num. of Rooms	Program	Maximum Class Size	Maximum Capacity	Target Class Size	Target Capacity	
4	Kindergarten	18	72	18	72	SAGE
4	First Grade	18	72	18	72	SAGE
4	Second Grade	18	72	18	72	SAGE
4	Third Grade	18	72	18	72	SAGE
3	Fourth Grade	26	78	24	72	
3	Fifth Grade	27	81	25	75	
22	Current Classrooms		447		435	
2	Change from current use	21	42	20	40	
<b>24</b>	<b>Total Classrooms</b>		<b>489</b>		<b>475</b>	
			<b>Maximum Capacity</b>		<b>Target Capacity</b>	
	Capacity @ 90%		<b>440</b>		<b>428</b>	
	Current Enrollment		395		395	
	Capacity over/(under)		(45)		(33)	

## Building/Program Capacities

Patrick Marsh Middle School

**Current Enrollment, Current Program - Year 2012/13 May 3, 2013**

Program	Current Enrollment
Sixth Grade	274
Seventh Grade	267
Totals:	541

**Enrollment Capacity based on Maximum and Target Usage and Class Size**

Num. Rooms	Program	Periods per Day	Periods used	Usage Factor	Target Class Size	Maximum Capacity	Efficiency Factor	Target Capacity
16	Standard Classrooms	8	6	75%	26	312	85%	265
4	Change from current use	8	6	75%	26	78	85%	66
4	Science	8	6	75%	26	78	85%	66
5	Science Change from current use	8	6	75%	26	98	85%	83
<b>29</b>								
5	Phy-ed Stations	8	6	75%	26	98	85%	83
1	Tech. Ed. Labs	8	6	75%	26	20	85%	17
4	Computer Labs	8	1	13%	26	13	85%	11
2	FACE	8	6	75%	26	39	85%	33
2	Art	8	6	75%	26	39	85%	33
1	Band	8	4	50%	60	30	85%	26
1	Choir/Orchestra/Music	8	6	75%	40	30	85%	26
1	Foreign Language	8	6	75%	26	20	85%	17

	Maximum Capacity	Target Capacity
Building Capacity	853	725
Current Enrollment	541	541
Maximum Capacity over/(under)	(312)	(184)

## Building/Program Capacities

## Prairie View Middle School

**Current Enrollment, Current Program - Year 2012/13 April 29, 2013**

Program	Current Enrollment
Sixth Grade	267
Seventh Grade	240
Totals:	507

**Enrollment Capacity based on Maximum and Target Usage and Class Size**

Num. Rooms	Program	Periods per Day	Periods used	Usage Factor	Target Class Size	Maximum Capacity	Efficiency Factor	Target Capacity
19	Standard Classrooms	8	6	75%	26	371	85%	315
1	Change from current use	8	6	75%	26	20	85%	17
4	Science	8	6	75%	26	78	85%	66
5	Science Change from current use	8	6	75%	26	98	85%	83
<b>29</b>								
5	Phy-ed Stations	8	6	75%	26	98	85%	83
1	Tech. Ed. Labs	8	6	75%	26	20	85%	17
4	Computer Labs	8	1	13%	26	13	85%	11
2	FACE	8	6	75%	26	39	85%	33
2	Art	8	6	75%	26	39	85%	33
1	Band	8	4	50%	60	30	85%	26
1	Choir/Orchestra/Music	8	6	75%	40	30	85%	26
1	Foreign Language	8	6	75%	26	20	85%	17

	Maximum Capacity	Target Capacity
Building Capacity	853	725
Current Enrollment	507	507
Maximum Capacity over/(under)	(346)	(218)



## Building/Program Capacities

## Cardinal Heights Upper Middle School

**Current Enrollment, Current Program - Year 2012/13 April 30, 2013**

Program	Current Enrollment
Eighth Grade	520
Ninth Grade	519
Totals:	1,039

**Enrollment Capacity based on Maximum and Target Usage and Class Size**

Num. Rooms	Program	Periods per Day	Periods used	Usage Factor	Target Class Size	Maximum Capacity	Efficiency Factor	Target Capacity
26	Standard Classrooms	8	6	75%	28	546	85%	464
12	Change from current use	8	6	75%	28	252	85%	214
8	Science	8	6	75%	28	168	85%	143
3	Science Change from current use	8	6	75%	28	63	85%	54
<b>49</b>								
2	Phy-ed Stations	8	6	75%	28	42	85%	36
1	Weight/Fitness	8	6	75%	28	21	85%	18
2	Health	8	6	75%	28	42	85%	36
4	Tech. Ed. Labs/Agriculture	8	6	75%	28	84	85%	71
6	Computer Labs	8	2	25%	28	42	85%	36
5	FACE	8	6	75%	28	105	85%	89
4	Art	8	6	75%	28	84	85%	71
1	Band	8	4	50%	60	30	85%	26
2	Choir/Orchestra	8	3	38%	40	30	85%	26
7	World Language	8	6	75%	26	137	85%	116

Current Enrollment

Maximum Capacity over/(under)

Maximum Capacity
1,646

1,039

(607)

Target Capacity
1,399

1,039

(360)

## Building/Program Capacities

## Sun Prairie High School

**Current Enrollment, Current Program - Year 2012/13 April 30, 2013**

Program	Current Enrollment
Tenth Grade	491
Eleventh Grade	519
Twelfth Grade	457
Totals:	1,467

**Enrollment Capacity based on Maximum and Target Class Usage and Class Size**

Num. Rooms	Program	Periods per Day	Periods used	Usage Factor	Target Class Size	Maximum Capacity	Efficiency Factor	Target Capacity
34	Standard Classrooms	7	6	86%	25	729	80%	583
8	Change from current use	7	6	86%	25	171	80%	137
11	Science	7	6	86%	24	226	80%	181
4	Science Change from current use	7	6	86%	24	82	80%	66
<b>57</b>								
3	Phy-ed Stations	7	6	86%	25	64	80%	51
2	Weight/Fitness	7	6	86%	25	43	80%	34
1	Swimming Pool	7	6	86%	25	21	80%	17
2	Health Classroom	7	6	86%	25	43	80%	34
8	World Language	7	6	86%	25	171	80%	137
1	Study Hall	7	5	71%	25	18	80%	14
3	Business Education	7	6	86%	25	64	80%	51
5	Tech. Ed. Labs/Agriculture	7	6	86%	25	107	80%	86
4	Computer Labs	7	2	29%	25	29	80%	23
5	FACE	7	6	86%	25	107	80%	86
4	Art	7	6	86%	25	86	80%	69
1	Band	7	4	57%	80	46	80%	37
1	Orchestra	7	2	29%	65	19	80%	15
1	Choir	7	4	57%	45	26	80%	21
1	Music Lab	7	3	43%	13	6	80%	4
1	Special Education	7	7	100%	15	15	80%	12

Current Enrollment

Maximum Capacity over/(under)

Maximum  
Capacity

2,073

1,467

(606)

Target  
Capacity

1,658

1,467

(191)

## Building/Program Capacities

## Prairie Phoenix Academy School

**Current Enrollment, Current Program - Year 2012/13 April 30, 2013**

Program	Current Enrollment
Elementary School Grade	4
Middle School Grade	4
High School Grade	63
Totals:	71

**Enrollment Capacity based on Target Class Size and Room Usage**

Num. Rooms	Program	Periods per Day	Periods used	Usage Factor	Target Class Size	Maximum Capacity	Efficiency Factor	Target Capacity
1	Elementary Classroom				8	8	90%	7
1	Middle Classroom	7	7	100%	8	8	85%	7
6	SOAR Classroom	7	6	86%	15	77	80%	62
2	Potential Classrooms	7	6	86%	15	26	80%	21
<b>10</b>								
1	Phy-ed Stations	7	-	0%	15	-	80%	-
1	Multi-Purpose	7	-	0%	15	-	80%	-

Maximum Capacity
119

Target Capacity
96

Current Enrollment

71

71

Maximum Capacity over/(under)

(48)

(25)



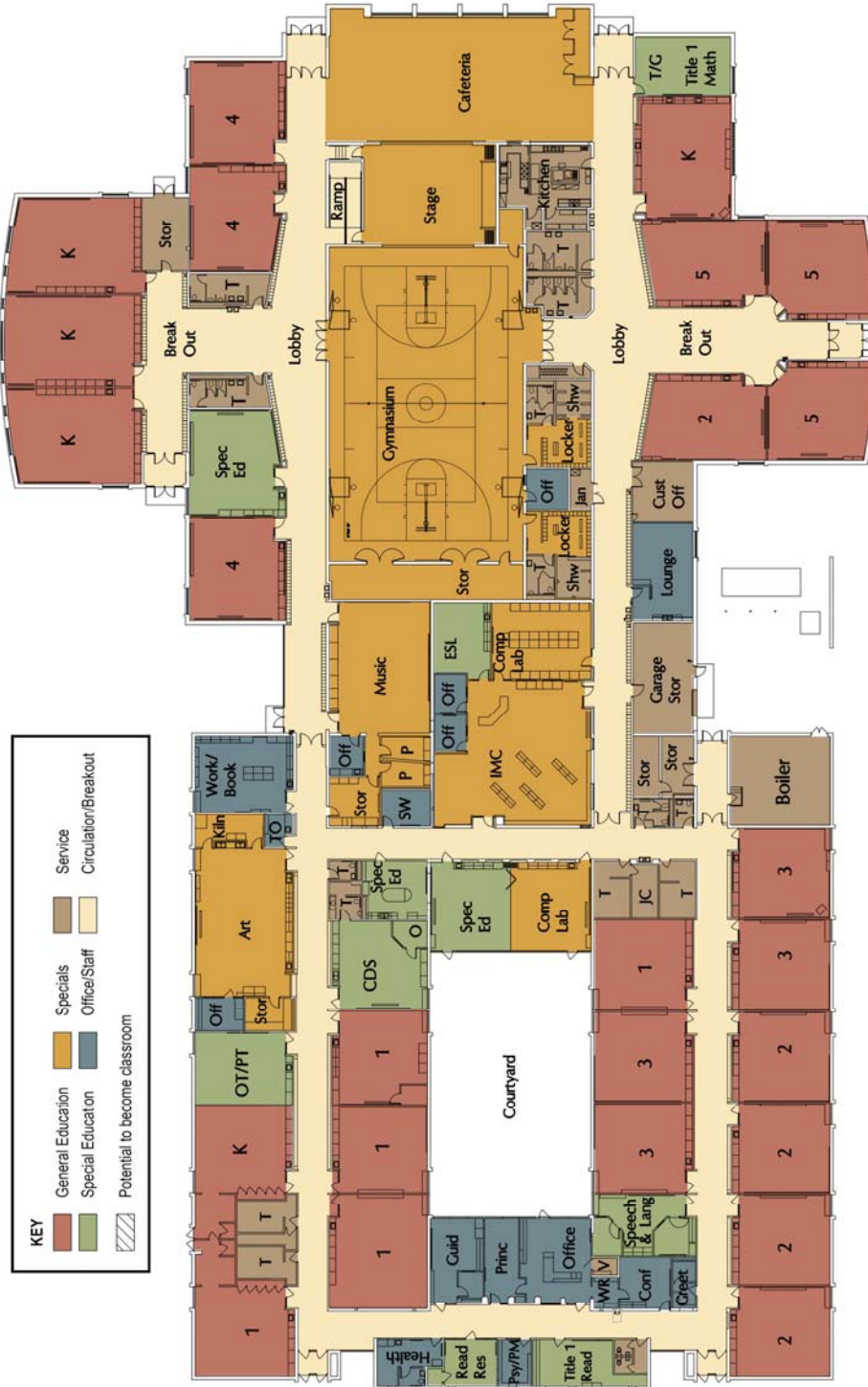
# *Building Floor Plans*



Sun Prairie Schools Area Analysis - Sun Prairie, WI  
CH BIRD ELEMENTARY SCHOOL



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Sun Prairie Schools Area Analysis - Sun Prairie, WI  
CREEKSIDE ELEMENTARY SCHOOL  
First Level & Second Level

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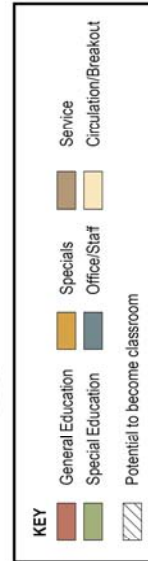
KEY	
<span style="color: red;">■</span>	General Education
<span style="color: green;">■</span>	Special Education
<span style="color: orange;">■</span>	Specials
<span style="color: blue;">■</span>	Office/Staff
<span style="color: brown;">■</span>	Service
<span style="color: yellow;">■</span>	Circulation/Breakout
<span style="color: gray;">■</span>	Potential to become classroom





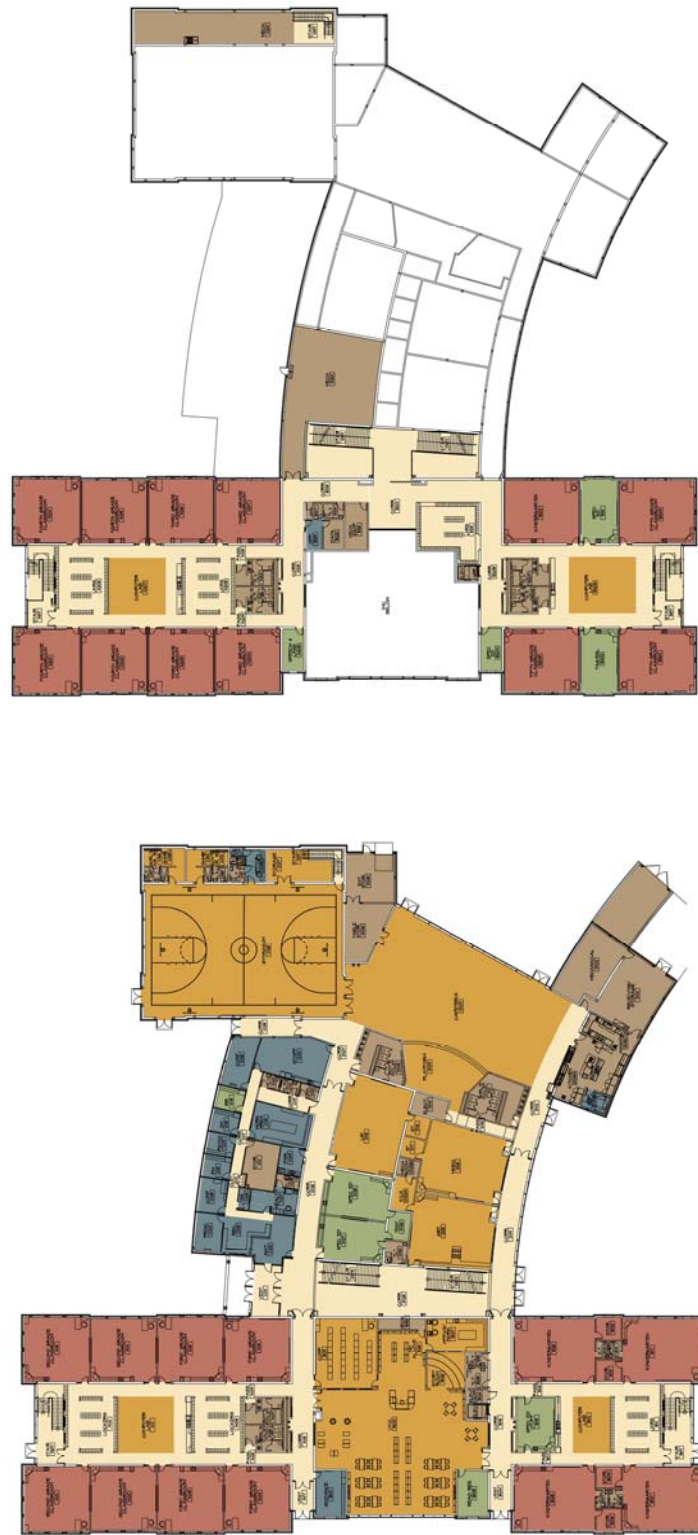
Sun Prairie Schools Area Analysis - Sun Prairie, WI  
EASTSIDE ELEMENTARY SCHOOL

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Sun Prairie Schools Area Analysis - Sun Prairie, WI  
HORIZON ELEMENTARY SCHOOL  
First Level & Second Level

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KEY	
<span style="display:inline-block; width:15px; height:15px; background-color:red; border:1px solid black;"></span>	General Education
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<span style="display:inline-block; width:15px; height:15px; background-color:yellow; border:1px solid black;"></span>	Office/Staff
<span style="display:inline-block; width:15px; height:15px; background-color:brown; border:1px solid black;"></span>	Service
<span style="display:inline-block; width:15px; height:15px; background-color:orange; border:1px solid black;"></span>	Circulation/Breakout
<span style="display:inline-block; width:15px; height:15px; background: repeating-linear-gradient(45deg, transparent, transparent 2px, black 2px, black 4px); border:1px solid black;"></span>	Potential to become classroom



Sun Prairie Schools Area Analysis - Sun Prairie, WI  
NORTHSIDE ELEMENTARY SCHOOL

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Sun Prairie Schools Area Analysis - Sun Prairie, WI  
ROYAL OAKS ELEMENTARY SCHOOL

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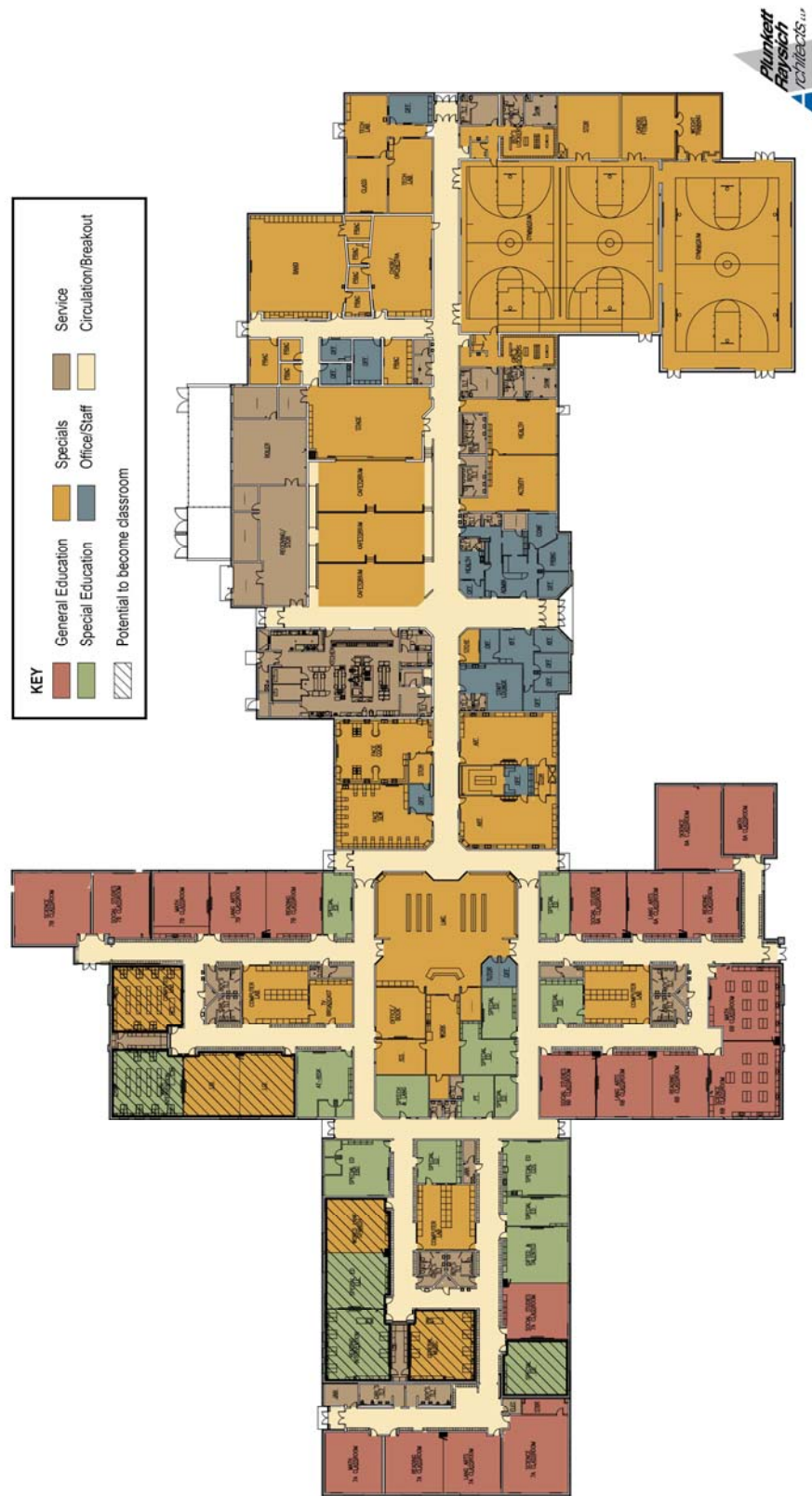
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Sun Prairie Schools Area Analysis - Sun Prairie, WI  
PATRICK MARSH MIDDLE SCHOOL

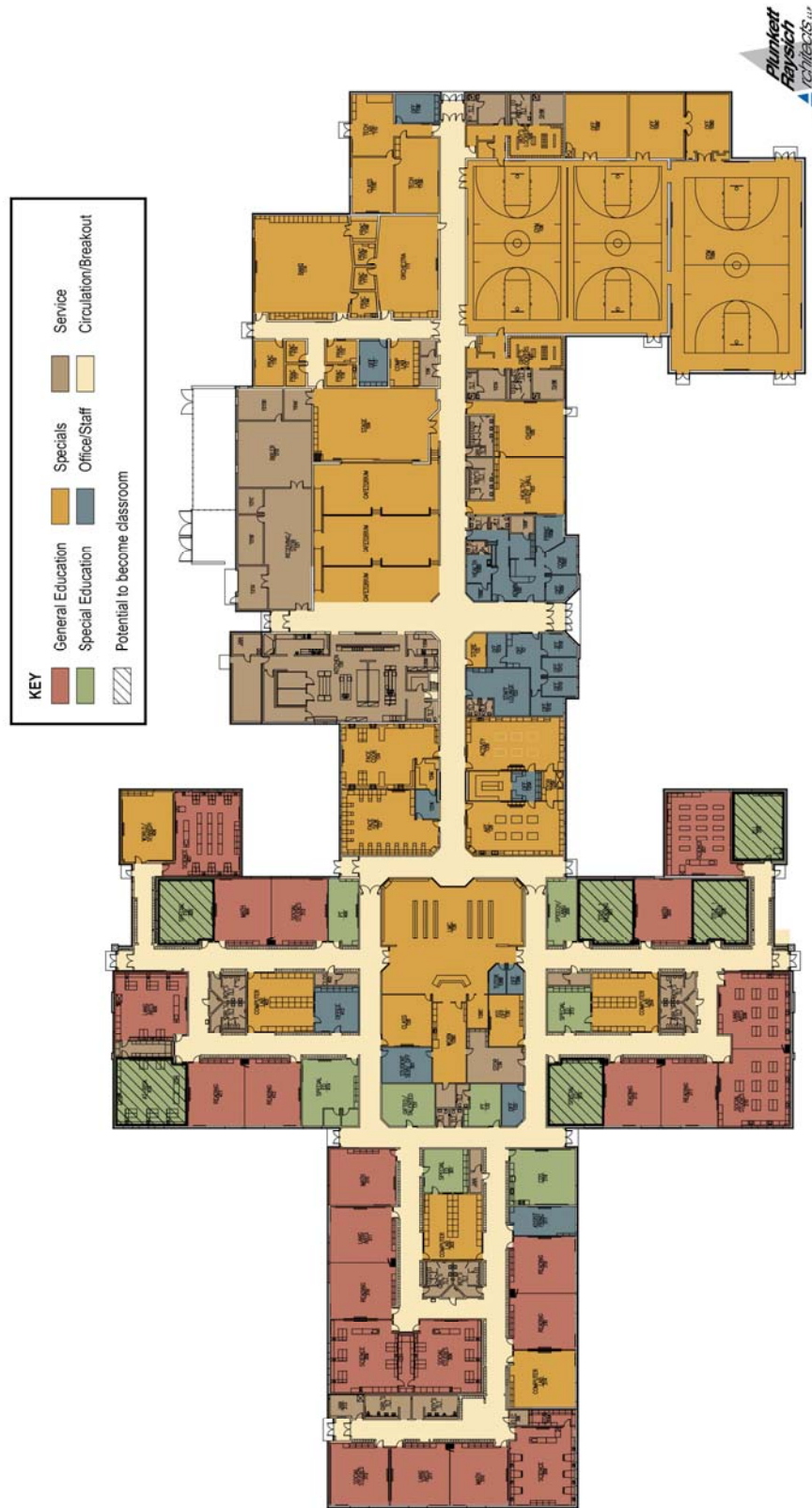
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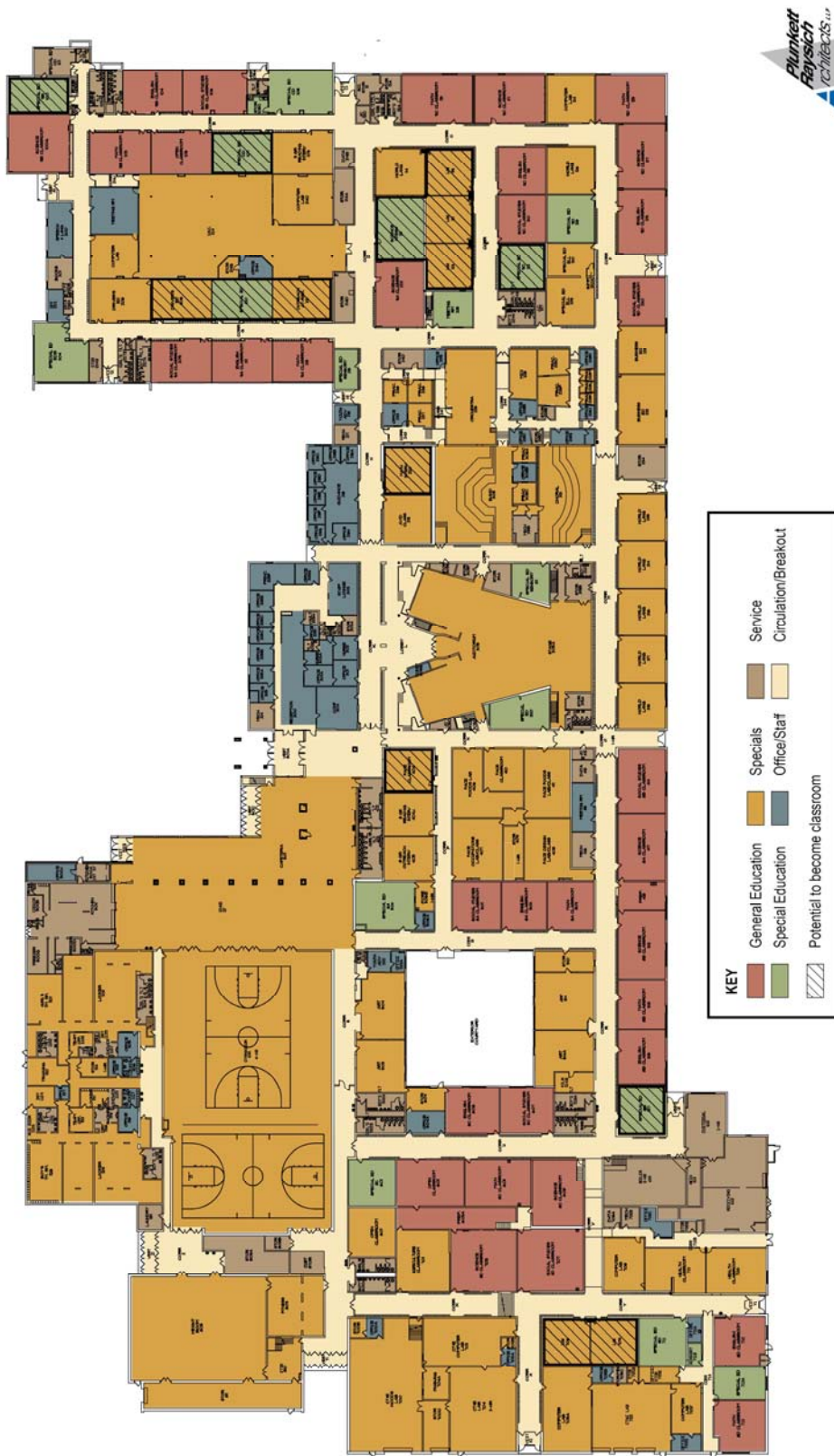
Sun Prairie Schools Area Analysis - Sun Prairie, WI  
PRAIRIE VIEW MIDDLE SCHOOL

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Sun Prairie Schools Area Analysis - Sun Prairie, WI  
CARDINAL HEIGHTS UPPER MIDDLE SCHOOL



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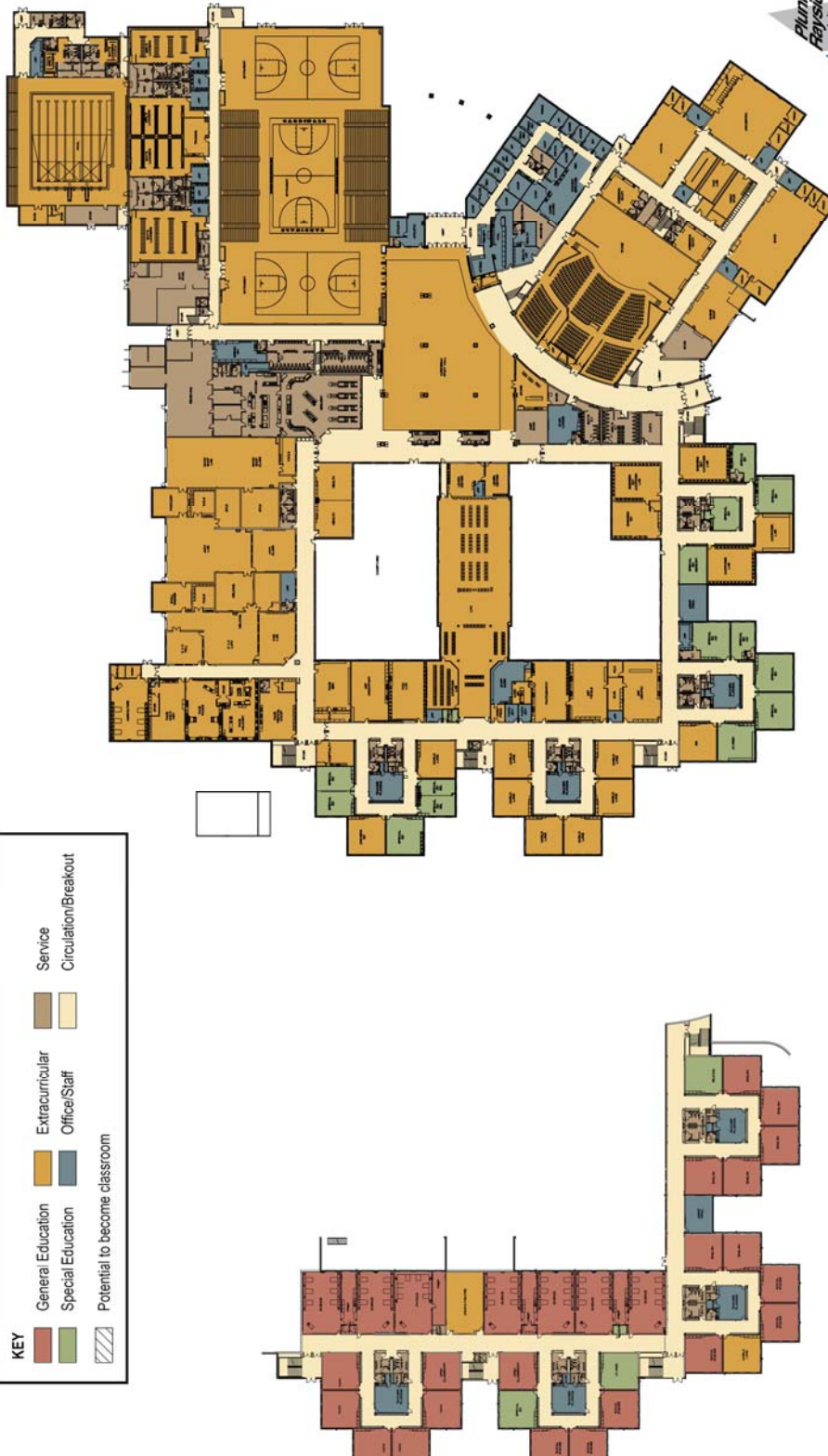


Sun Prairie Schools Area Analysis - Sun Prairie, WI

SUN PRAIRIE HIGH SCHOOL  
Ground Level & First Level

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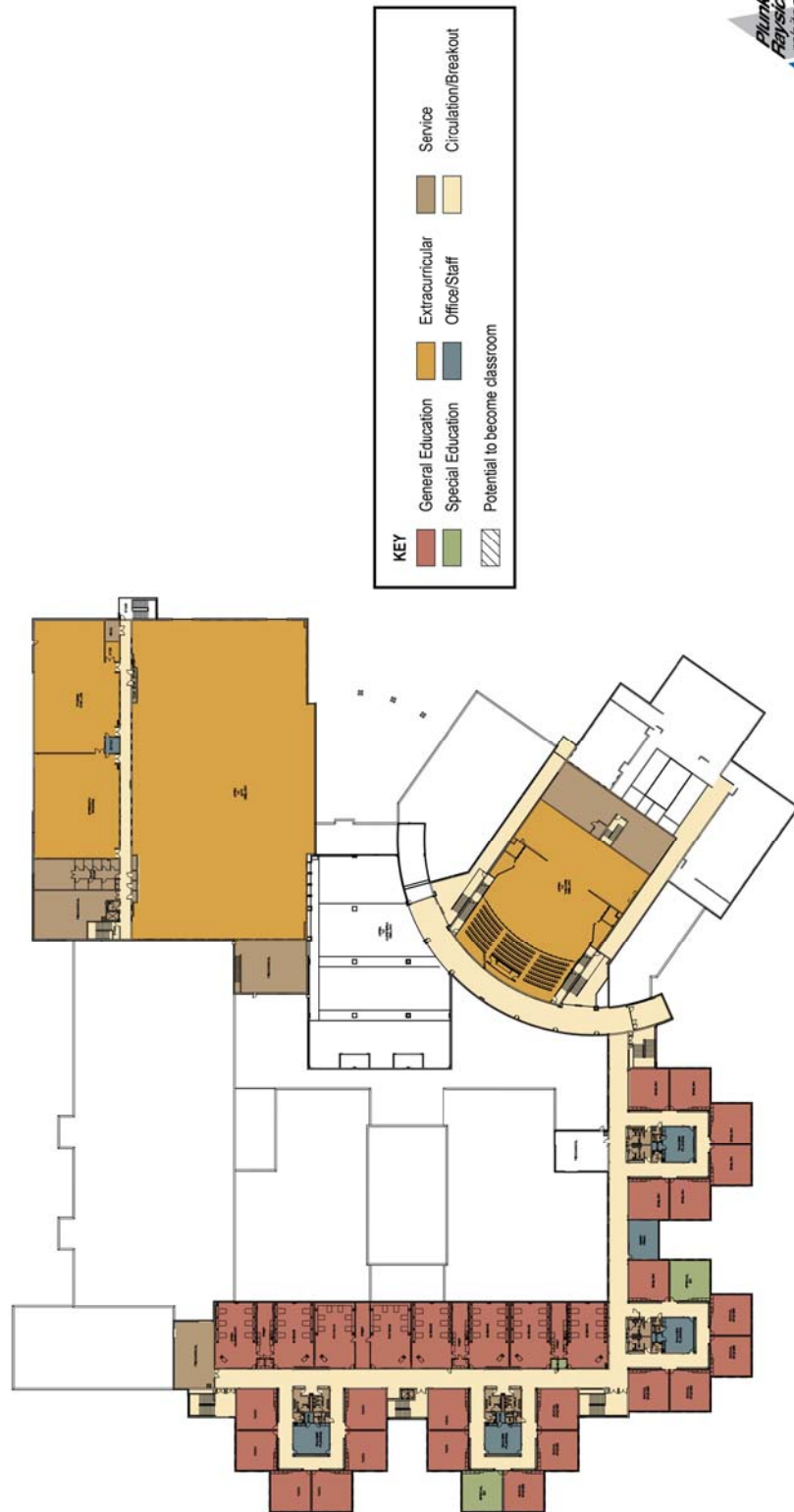
KEY	
General Education	Extracurricular
Special Education	Office/Staff
Potential to become classroom	Service
	Circulation/Breakout



Plunkett  
Raysich  
Architects, LLP

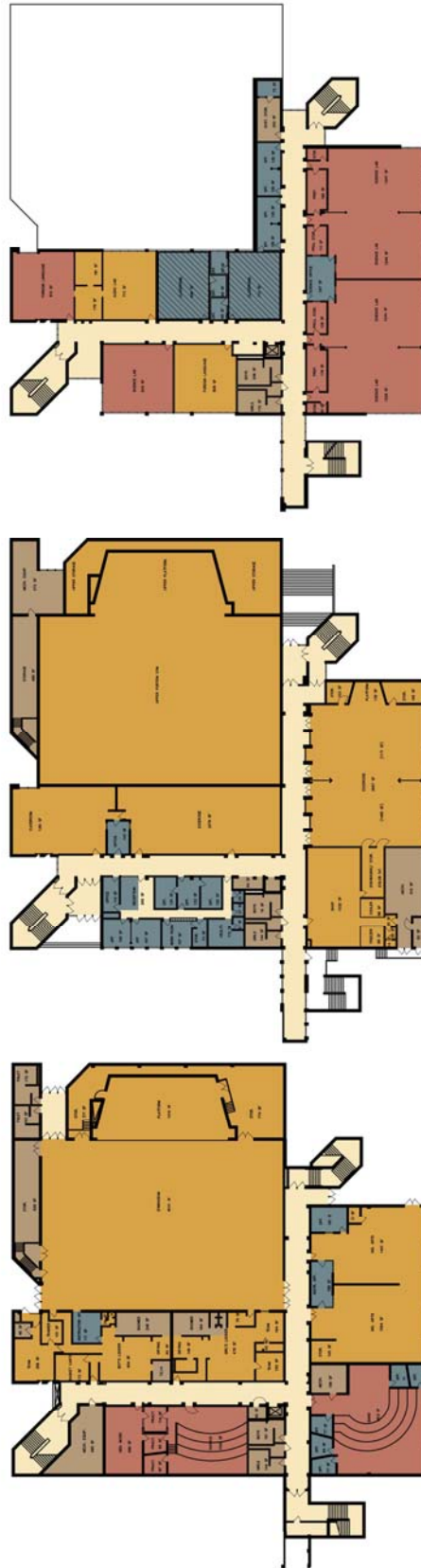
Sun Prairie Schools Area Analysis - Sun Prairie, WI  
SUN PRAIRIE HIGH SCHOOL  
Second Level

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Sun Prairie Schools Area Analysis - Sun Prairie, WI  
PRAIRIE PHOENIX ACADEMY  
First Level

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KEY					
<span style="display:inline-block; width:15px; height:15px; background-color:orange; border:1px solid black;"></span>	General Education	<span style="display:inline-block; width:15px; height:15px; background-color:blue; border:1px solid black;"></span>	Specials	<span style="display:inline-block; width:15px; height:15px; background-color:brown; border:1px solid black;"></span>	Service
<span style="display:inline-block; width:15px; height:15px; background-color:green; border:1px solid black;"></span>	Special Education	<span style="display:inline-block; width:15px; height:15px; background-color:yellow; border:1px solid black;"></span>	Office/Staff	<span style="display:inline-block; width:15px; height:15px; background-color:yellow; border:1px solid black;"></span>	Circulation/Breakout
<span style="display:inline-block; width:15px; height:15px; background: repeating-linear-gradient(45deg, transparent, transparent 2px, black 2px, black 4px); border:1px solid black;"></span>	Potential to become classroom				



