



Master Facility Planning Board Meeting – Assessments Update

May 29, 2019

Agenda

- Assessment Overview
- Process
- Campus by Campus Analysis
- Patterns and Overview
- Capacity

Facilities Assessments

Product

Snapshot in time

- Campus overview – size, number of classrooms, amenities
- School enrollment and capacity
- Infrastructure analysis
- Educational / Operational analysis
- Potential costs for repairs over 10 years

Facilities Assessments

Addresses

- Infrastructure Analysis
 - Mechanical systems, electrical systems, accessibility, etc.
 - Based on the typical lifespan of any system or component
- Educational / Operational Analysis
 - Space utilization and needs analysis
 - Building access and site safety
 - Campus / principal / Site Committee goals

Facilities Assessments

Uses

- Tool for discussion of priorities in Superintendent's Workgroup and Facilities Sub-committee
- Tool for identifying projects that would fall under maintenance or within future renovations

ASSESSMENTS

DISTRICT DEPARTMENT GOALS

INFORMATION GATHERING

Maintenance and Operations (Overview)	7/3/2018
Transportation	9/19/2018
Special Education Group	9/18/2018
Ed Services (Associate Supt.)	7/16/2018
Nutrition Services	Prior Study
Communications	7/13/2018
Technology	7/27/2018
Libraries	9/4/2018
Unions (4 in a combined meeting)	9/17/2018
Athletics / Physical Education	With BHS
Gardening and Cooking	9/18/2018
CTE	8/23/2018
BEARS / LEARNS	11/1/2018
Sustainability Committee	9/6/2018
Visual and Performing Arts	8/6/2018
Office of Family Engagement	8/21/2018
Berkeley City College	9/19/2018

ASSESSMENTS

OPERATIONAL / EDUCATIONAL

CAMPUS INTERVIEWS

Berkeley Arts Magnet	10/26/18
Emerson Elementary School	10/22/18
Berkeley Technology Academy / Independent Study	11/28/18
Longfellow Middle School	12/21/18
Berkeley High School	11/8/18 – 12/4/18- 1/23/19
Martin Luther King Jr. Middle School	10/19/18
Washington Elementary School	10/16/18
Malcolm X Elementary School	10/18/18
Cragmont Elementary School	10/25/18
Willard Middle School	10/30/18
Berkeley Adult School	11/6/18
King Child Development Center	11/8/18
Hopkins Child Development Center	11/8/18
Thousands Oaks Elementary School	10/29/18
Rosa Parks Elementary School	10/23/18
Jefferson Elementary School	11/14/18
Franklin Child Development Center	11/8/18
John Muir Elementary School	10/24/18

District participation:

- Generally well attended
- Well received
- Patterns begin to emerge

ASSESSMENTS – Process and Product (Washington Elementary)



Master Facilities Planning WASHINGTON ELEMENTARY SCHOOL SITE COMMITTEE INTERVIEW October 16, 2011

1. Introductions
2. Description of master planning process
3. Schedule and involvement
4. Questions
 - a. What do you like about the school?
 - b. Which buildings or relationships between buildings and spaces work well?
 - c. What would you like to see improved?
 - d. Are there any programs that cannot be supported due to lack of physical space or facilities?
 - e. Which Sp. Ed. Programs do you have?
 - f. Which spaces support those Sp. Ed. Programs?
 - g. How many Kindergarten classrooms do you have/need?
 - h. Do all Kindergarten classrooms have restrooms?
 - i. Is Transitional K on site? How many classrooms?
 - j. How about other programs? Music, Art, etc?
 - k. Is there a space where families congregate?
 - l. Do you have Parent/community needs or issues?
 - m. Is your library adequate?
 - n. Do you have indoor lunch?
 - o. Do you serve breakfast?
 - p. How many lunch periods do you have?
 - q. Is security a concern?
 - r. Is playground supervision easy or is it staff intensive?
 - s. Does pick-up / drop-off work? If not what are the suggested changes to make it less crowded or safer? Where is drop-off / pick-up?
 - t. Have you had to relocate classes due to lack of HC access for a particular student?
 - u. What are your long term needs for this campus?



Master Facilities Planning WASHINGTON ELEMENTARY SCHOOL SIGN-IN October 16, 2011

Purpose: Site Committee Interview
Location: 2300 Martin Luther King Jr Way
Attendees:
(Please Print Legibly)

Name	Phone	Email	Initials
Katia Hazen Washington ES	510.644.6310	kathahazen@berkeley.net	KA
Josh Daniels BUSD	510.644.6550	joshdaniels@berkeley.net	
Marcus Hibser HY Architects	510.446.2222	mhibser@hyarch.com	
Linda Della Maggiora HY Architects	510.446.2222	ldella@hyarch.com	
Amanda Selvin Selvin + Selvin	510.326.3363	selvin_amanda@selvin.com	AS
Liz Schmitt Liz Schmitt	646.808.4396	l@lizschmitt.com	LS
Stacy VanAntwerp Liz Schmitt	510.847.5577	stacy@lizschmitt.com	SV
Ashleigh Talbot K. Talbot	510.644.6310	ashleightalbot@berkeley.net	AT
Hillary Traub Solid Teacher	510.644.6310	hillary@solidteacher.com	HT
Kim Roper Solid Teacher	510.644.6310	kim@solidteacher.com	KR
Debbie Green Solid Teacher	510.644.6310	debbie@solidteacher.com	DG

HY HIBSER YAMAUCHI Architects, Inc.
200 27th Street, Oakland, CA 94612
(510) 446-2222



WASHINGTON ELEMENTARY SCHOOL ASSESSMENT SITE PLAN

2300 MARTIN LUTHER KING JR. WAY, OAKLAND, CA 94612

10' 0" = 1"

HIBSER YAMAUCHI
ARCHITECTS, INC.



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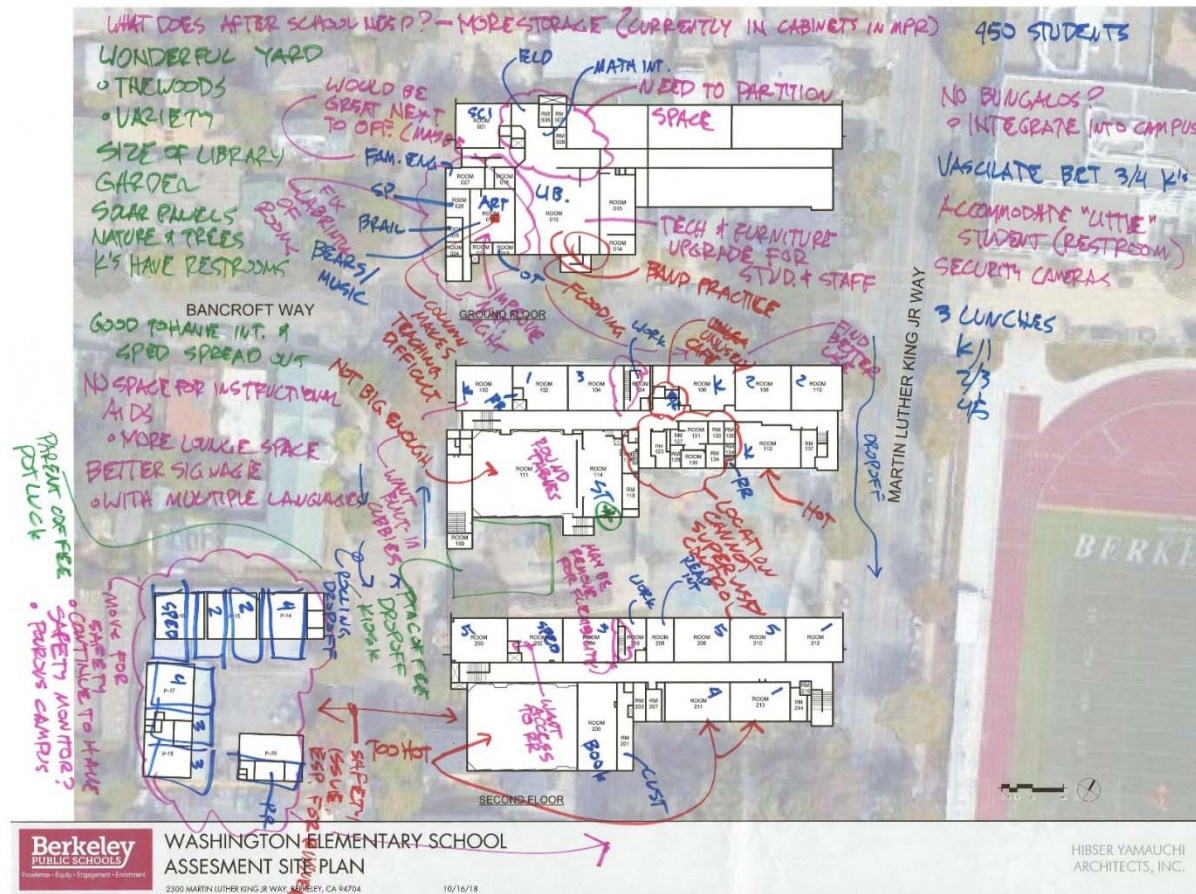


BERKELEY UNIFIED SCHOOL DISTRICT
MASTER FACILITIES PLANNING – BOARD MEETING
MAY 29, 2019

HIBSER YAMAUCHI Architects



ASSESSMENTS – Process and Product (Washington Elementary)



ASSESSMENTS – Process and Product (Washington Elementary)



KEY NOTES

- 1 Cafeteria
- 2 Storage
- 3 Garden
- 4 Playfield
- 5 Playground

INTERIOR BUILDING SPACES CURRENT USES LEGEND

INSTRUCTIONAL

- BASE CLASSROOM
- SPECIALTY CLASSROOM
- SPECIAL ED. CLASSROOM
- CLASSROOM SUPPORT

GENERAL

- LIBRARY / MEDIA
- STUDENT SUPPORT
- ADMINISTRATION
- ASSEMBLY
- OPERATIONAL SUPPORT
- FOOD SERVICE
- BLDGS NOT USED BY SCHOOL



Berkeley
PUBLIC SCHOOLS
Berkeley Unified School District

EXISTING CAMPUS BUILDING USE - FIRST FLOOR PLAN
WASHINGTON ES : PRE-PLANNING SURVEY
2300 MARTIN LUTHER KING JR WAY | BERKELEY, CA 94704 | BUSD | TBD

HY
Hibser Yamouchi
Architects, Inc.

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Berkeley
PUBLIC SCHOOLS
Berkeley Unified School District

BERKELEY UNIFIED SCHOOL DISTRICT
MASTER FACILITIES PLANNING – BOARD MEETING
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HIBSER YAMAUCHI Architects

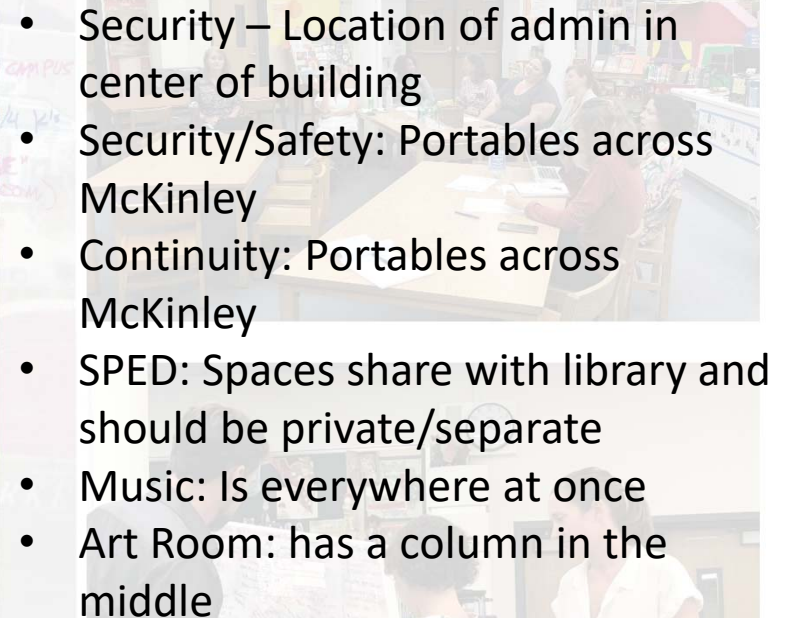
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Campus Assessment Overview

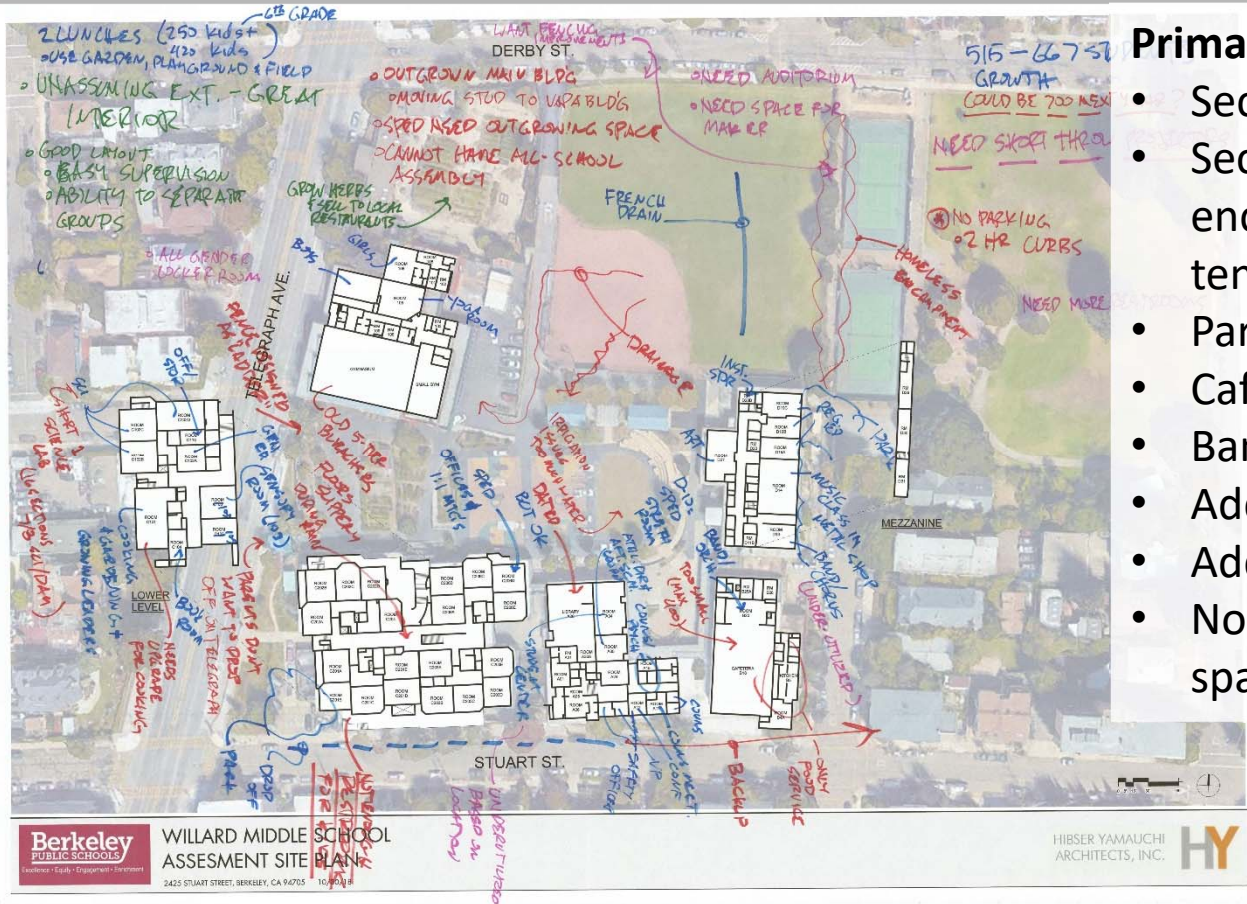
ASSESSMENTS – Washington Elementary



Primary Concerns:

- 
- Security – Location of admin in center of building
 - Security/Safety: Portables across McKinley
 - Continuity: Portables across McKinley
 - SPED: Spaces share with library and should be private/separate
 - Music: Is everywhere at once
 - Art Room: has a column in the middle





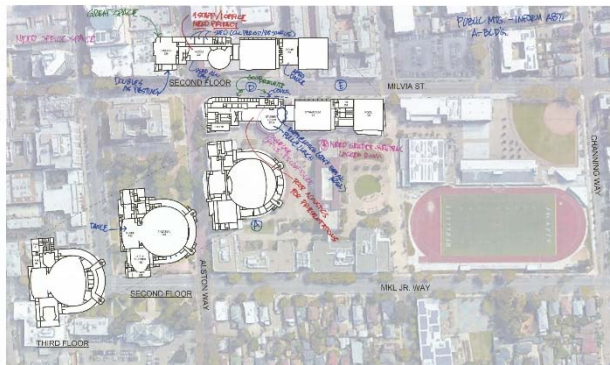
Primary Concerns:

- Security – fence is a “ladder”
- Security/Safety: Homeless encampment between field and tennis courts
- Parking
- Cafeteria too small
- Band and orchestra share stage
- Additional classrooms
- Additional science lab
- No student assembly space/auditorium

ASSESSMENTS – Berkeley High School



Meeting 1: Principal and VPs



Meeting 2: Leadership

ASSESSMENTS – Berkeley High School

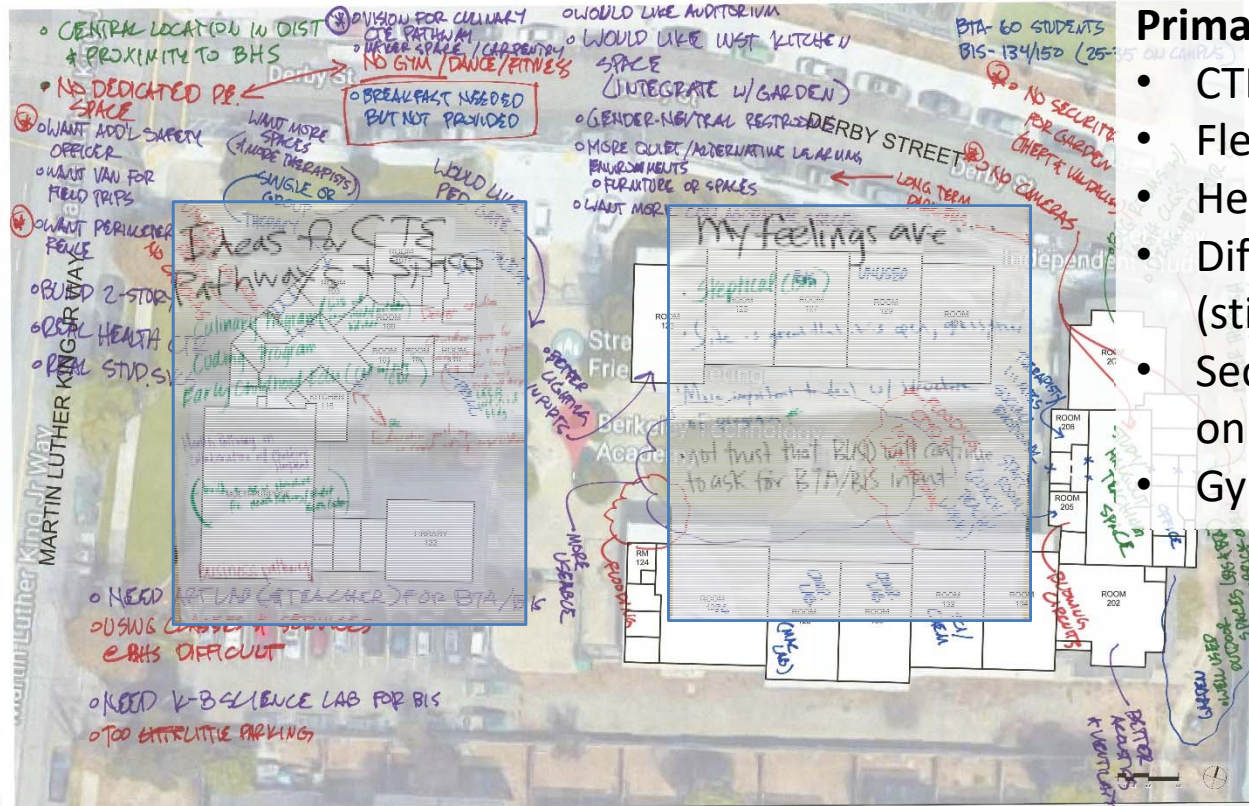
Primary Concerns (so far):

- Heat in C building
- Differing classroom sizes in C building
- Security: too many entrances in G & H
- Security: Improved gate hardware
- Broken elevators
- Classrooms with no windows
- Teachers sharing rooms
- Parking, Parking, Parking
- Dark room coordination issues

Meeting 1: Principal and VPs

Meeting 2: Leadership

ASSESSMENTS – Berkeley Technology Academy



Primary Concerns at Meeting:

- CTE space
- Flexible classrooms
- Health center on campus
- Difficult to use/share BHS facilities (stigma, attitude and distance)
- Security/parking: long-term parkers on street
- Gymnasium





General Observations and Common Themes

- Security (at some campuses): MLK, Thousand Oaks, Washington
- Technology: Projectors and screens
- Support Programs: Common lack of space
- Music: love/hate relationship
- Storage
- Manage change to 23:1 – Capacity management at some sites
- Parking

SITE CAPACITIES – PHILOSOPHY AND NOTES

- Capacities at the elementary schools reflect current utilization. Additional capacity may be available depending on District policy on flex classrooms
- Secondary schools have both maximum capacity and operational capacity.
 - Maximum: Students housed assuming all classrooms are fully occupied for all periods
 - Operational: Students housed assuming no classroom sharing and teacher prep periods
 - True: Somewhere between Maximum and Operational
- Student populations should be evaluated every 2 years to determine adjustments to the Master Facilities Plan.

SITE CAPACITIES – ELEMENTARY SCHOOLS

Elementary Schools			Total Reg CR	Existing Flex CR	Notes
Northwest Zone	Capacity	2018-19			
Thousand Oaks	437	400	19	1	
Jefferson	414	424	18	1	Flex room has a column in the middle. Adding TK for 2019/20
Rosa Parks	460	445	20	2	2 additional rooms used for SPED are 595 SF. Adding TK for 2019/20
Total Capacity	1311	1311			
Current Enrollment		1269			
Over/Under Capacity		42			
Central Zone					
Cragmont	391	363	17	3	Trades K classes with Oxford every other year. Adding TK for 2019/20
Oxford	322	279	14	0	Trades K classes with Cragmont every other year
Washington	460	424	20	2	
Berkeley Arts Magnet	437	425	19	1	
Total Capacity	1610	1610			
Current Enrollment		1491			
Over/Under Capacity		119			

SITE CAPACITIES – ELEMENTARY SCHOOLS

Elementary Schools			Total Reg CR	Existing Flex CR	Notes
Southeast Zone	Capacity	2018/19			
Emerson	322	313	14	1	Trades K classes with John Muir every other year Flex room only 769 SF
John Muir	322	319	14	0	Trades K classes with Emerson every other year
Malcolm X	598	534	26	3	
Total Capacity	1242	1242			
Current Enrollment		1166			
Over/Under Capacity		76			
Other Schools/Campuses					
West Campus	345	0	15	0	
Sylvia Mendez	368	393	16	1	Over-enrolled based on analysis
Total Capacity	713	713			
Current Enrollment		393			
Over/Under Capacity		320			

SITE CAPACITIES – EMERSON, JOHN MUIR AND OXFORD (14 CR each)

Emerson School – Prepared by Principal Susan Hodge

School Year	Grades at 23 to 1	Number of classes at each grade						Total rooms	Option 1	Option 2	Option 3
		K	1st	2nd	3rd	4th	5th				
17-18	K	2	3	2	3	2	2	14	14	14	
18-19	K,2	3	2	3	2	2	2	14	14	1	
19-20	K,2	2	3	2	3	2	2	14	14	14	
20-21	K-3	3	2	3	2	2	2	14	14	15	
21-22	K-4	2	3	2	3	2	2	14	14	15	
22-23	K-5	3	2	3	2	3	2	15	15	15	
23-24	K-5	2	3	2	3	2	3	15	15	15	

Takeaway: 23:1 requires:

- 15 classrooms if cohorts alternate 2 to 3
- 12 classrooms if cohorts are 2 classes
- 18 classrooms if cohorts are 3 classes
- Add classrooms as required for flex rooms
- Impacts Emerson, John Muir and Oxford

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22?

Classes at 30 or over?

Classes at 23 to 1

Options:

1 Carry larger class sizes in 4th and 5th grades until 22-23

rooms are over crowded and reaching all children is a challenge; eventually we will need a 15 room unless we

2 Take away the art/science flex room

The 15th classroom is much smaller in footage than all other classrooms. Unfair to teacher and students. We lose our flex space. Hard for flex teacher, teachers lose rooms during prep. No place to store art or science materials or projects...Would need to create that space.

3 Add a classroom to the school

All classrooms would be of similar size 1-5. We would still have space for Art and Science studio/lab.

SITE CAPACITIES – MIDDLE SCHOOLS

Middle Schools			Total Avail CR (gen ed + special)	Notes
	Capacity	2018/19		
MLK Jr. Middle (North)		988	44	
Total Maximum Capacity	1232			
Total Operational Capacity	1026	1026		
Current Enrollment		988		
Over/Under Capacity		38		
Willard Middle (South)		667	30	
Total Maximum Capacity	840			
Total Operational Capacity	700	700		
Current Enrollment		667		
Over/Under Capacity		33		
Longfellow Middle (Choice)		497	29	
Total Maximum Capacity	812			
Total Operational Capacity	676	676		
Current Enrollment		497		
Over/Under Capacity		179		

SITE CAPACITIES – HIGH SCHOOLS

High Schools			Total Avail CR (gen ed + special)	Notes
	Capacity	2018/19		
Berkeley High School		3291	122	
Total Maximum Capacity	3888			Classroom sharing is common at BHS. 27 of the classroom count are 720 sf or smaller. 26 of these classrooms are located in Building C (one in Building H)
Total Operational Capacity	3347	3347		
Current Enrollment		3291		
Over/Under Capacity		56		
Berkeley Tech Academy	336		12	
Total Capacity	336	336		
Current Enrollment		47		
Over/Under Capacity		289		

DISCUSSION

