



# Mercer Island School District Long-Range Facility Plan

16 DECEMBER 2019

## WELCOME!

- > Please sign in
- > Pick up your name tag
- > Grab a drink and snack
- > Turn off your cell phones or place on “stun”
- > Workshop will start promptly at 5:30 PM

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**SCHOOL DISTRICT**  
**STUDENTS ARE THE PRIORITY**

# Agenda

16 DECEMBER 2019

Review of FPC1	20 min
Capacity & Enrollment	
Overview of Need	10 min
Discussion	20 min
Facility Condition: Maintenance & Renovation	
Overview of Need	30 min
Discussion	40 min
Facility Condition: Educational Adequacy	
Overview of Need	15 min
Discussion	30 min
Next Steps	5 min



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# Review of FPC1



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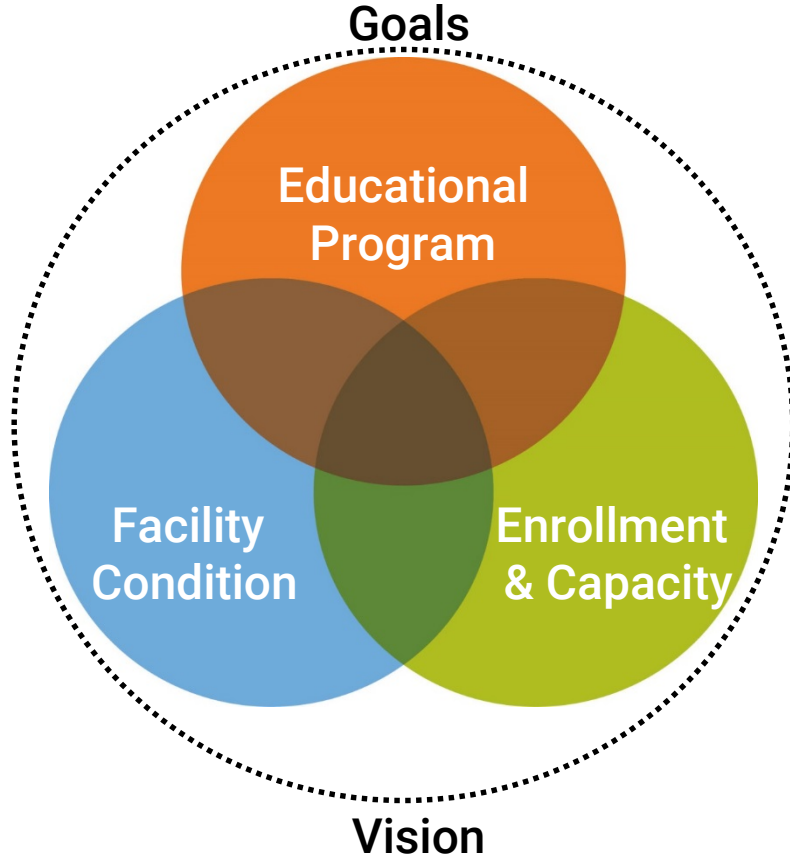
# FPC1 Objectives

1. Understand Process/Schedule/Role of Committee
2. Overview of Vision and Programs
3. Overview Designing for Student Centered Excellence
4. Share Your Prioritized Vision/Goals

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# Comprehensive Summary of Need



## Goals & Vision

### Educational Program

Education Specification  
Kindergarten / Pre-K  
PE / Athletics / Fields  
STEM | STEAM  
Special Education  
College & Career Readiness  
Technology  
Target Capacities

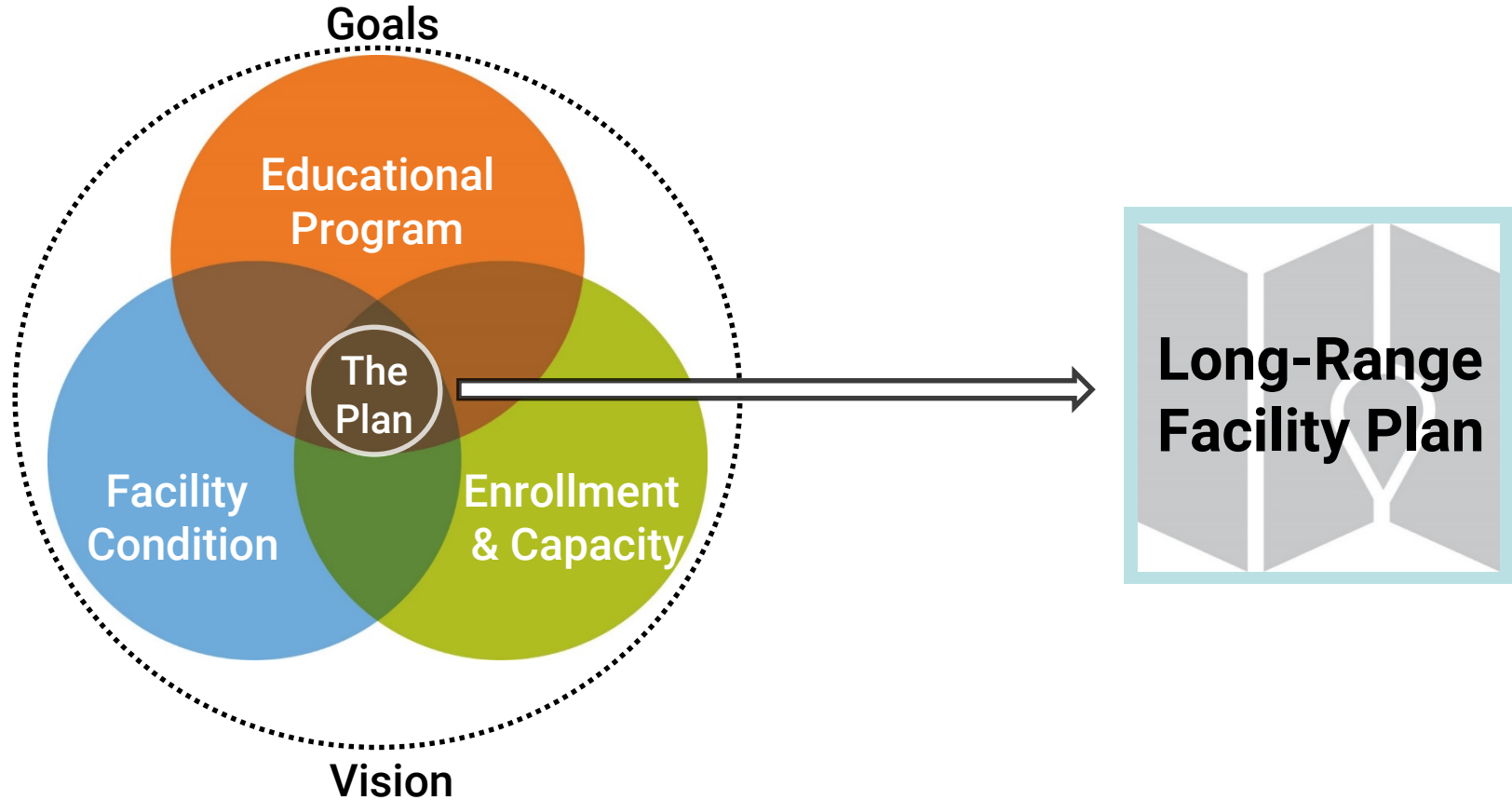
### Enrollment & Capacity

Growth  
Utilization  
Boundaries  
Consolidation

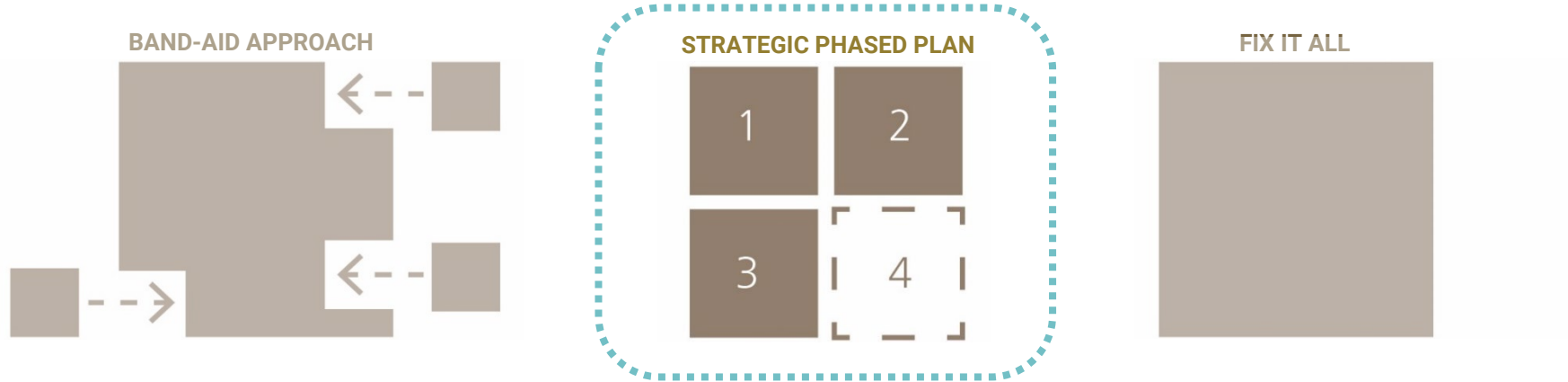
### Facility Condition

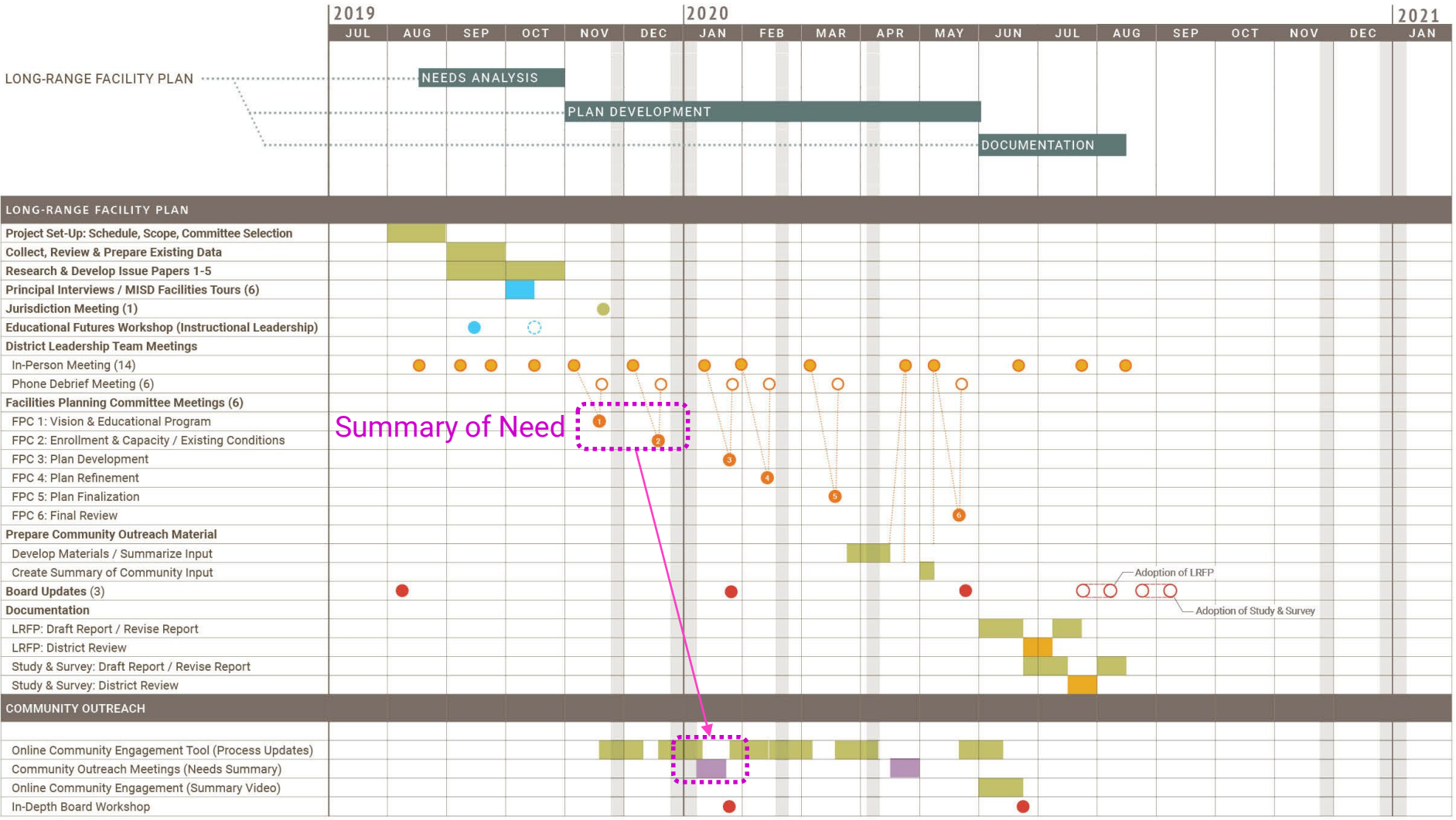
Health and Safety  
Accessibility (ADA)  
Infrastructure  
Sustainability / Resilience  
Life Expectancy  
Academic Suitability

# Comprehensive Summary of Need

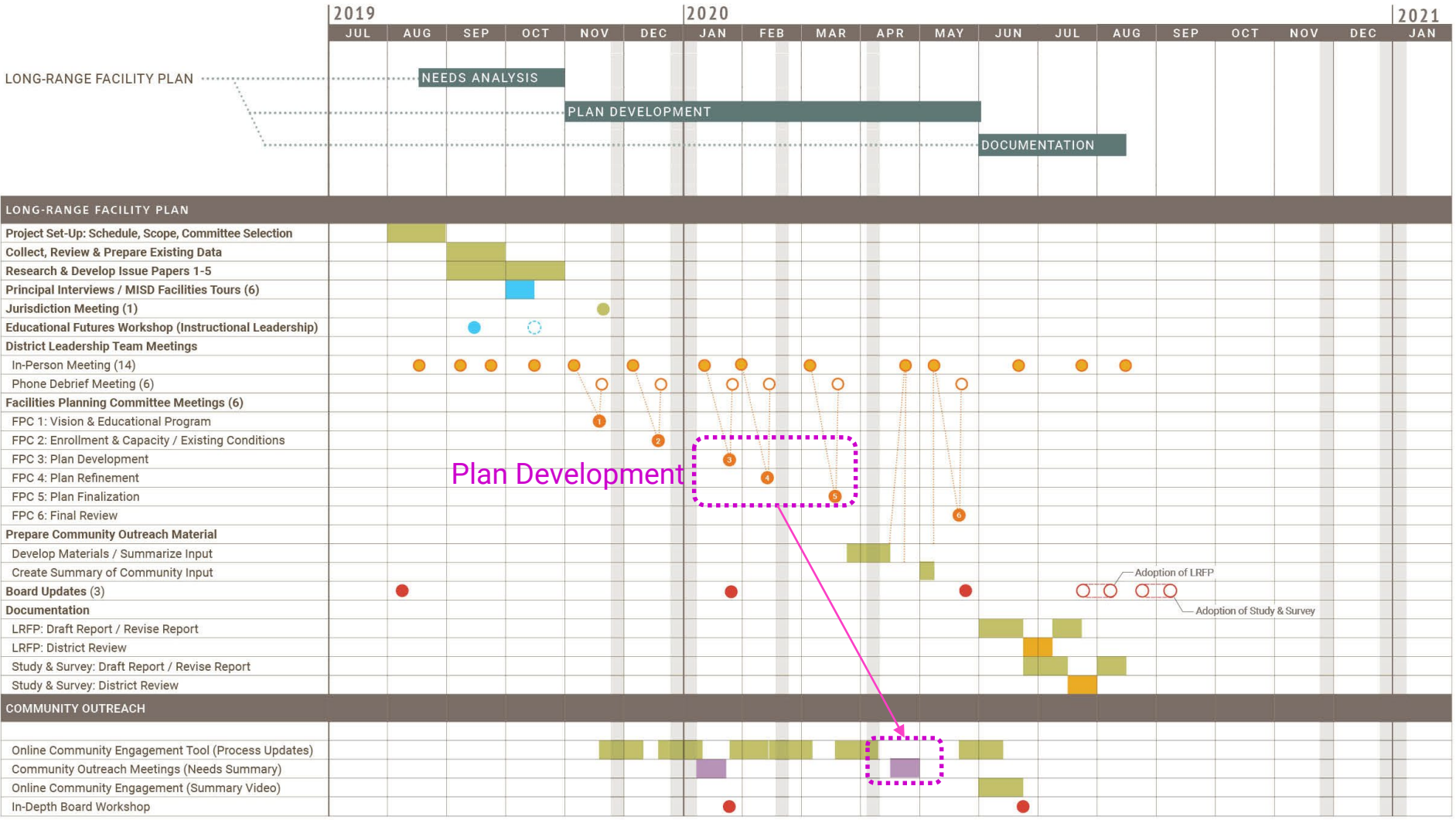


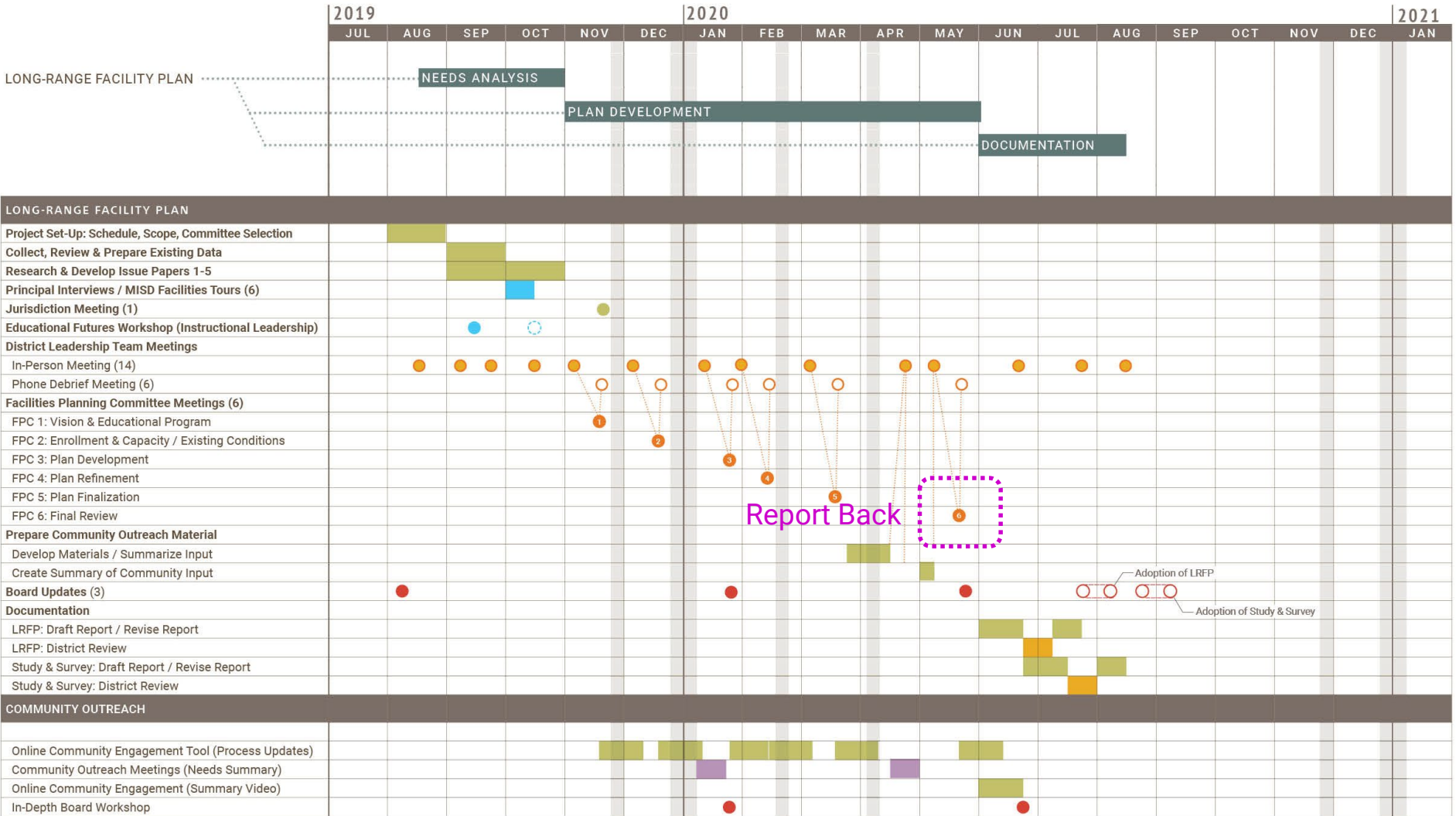
# Strategic Management of Facilities











# Role of FPC

## We are asking you to...

- > Consistently attend meetings and actively participate
- > Work with the “big picture”
- > Express your point of view and be open to other viewpoints
- > Provide input regarding district facilities’ ability to support education in your community
- > Offer recommendations regarding what makes sense to you
- > Provide insight into what the broader community might support
- > Serve as ambassadors for the process and the proposed plan

## We are not asking you to...

- > Lead the planning process
- > Make final decisions regarding what is done with district facilities
- > Establish policy

# What an LRFP Does

## Provides a comprehensive summary of facility need

- > Studies district facilities' ability to accommodate educational programs
- > Tracks district's capacity with respect to projected enrollment
- > Documents the condition of district's facilities and sites

## Serves as a tool for strategic management of district facilities over time

- > Explores modernizations, additions, replacement, and new construction
- > Identifies desirable school sites and site acquisition schedules if needed
- > Targets opportunities for more efficient use of sites and facilities
- > Creates a prioritized plan that aligns with community support



# Core Values, Vision & Mission



## CORE VALUES

Students are the priority.  
We believe in:

- Supporting the whole child
- Creating inclusive and equitable learning settings
- Ensuring our school communities are safe and supportive
- Providing rigorous and challenging learning

## VISION

Inspiring our students to be lifelong learners as they create their futures.

## MISSION

Mercer Island School District will foster learning by engaging students in thinking critically, solving problems creatively, and working collaboratively.

# OE -1 Fundamentals



1. Create a personalized learning environment where differentiated instruction, student-centered education and varied learning opportunities are responsive to students' strengths, needs, interests and passions.
2. Maintain the highest learning standards in the areas of fine arts; health and physical fitness; English language arts; mathematics; financial education; science; environment and sustainability; social studies; world languages; computer science; and educational technology.
3. Develop self-awareness, empathy, emotional/social intelligence, responsible decision-making and citizenship.

# OE -1 Fundamentals



4. Encourage and enable students to be academic entrepreneurs and risk-takers who can choose to pursue academic passions and interests beyond traditional curriculum and beyond the traditional classroom environment.
5. Cultivate and foster thinking and process skills such as analytical and critical thinking, cross-discipline thinking, creativity, innovation, leadership, collaboration, communication, problem-solving, and information and technology literacy in curriculum design.
6. Cultivate global awareness and understanding of real-world problems, issues, concerns, commonalities, differences and interdependence.
7. Foster and embrace diversity, inclusiveness, and equity with a focus on respect and acceptance of every student.

# Education Programs



Learning Standards (ELA, Math, Science, Environment and Sustainability, Social Studies, Fine Arts, Health and Physical Education, Financial Education, Computer Science, Educational Technology)

Special Education Services (Pre-K - Adult Transition)

College Career Readiness (CTE)

Alternative Education (including online learning)

Before and After School Care

Athletics/Extra-Curriculars



A photograph of children playing outdoors, overlaid with a semi-transparent blue filter. The children are engaged in various activities, some holding objects. The background shows a building with a 'LIBRARY' sign and some greenery.

# Multiple Intelligences

Verbal | Linguistic  
Mathematic | Logical  
Spatial  
Bodily | Kinesthetic  
Musical | Auditory

Interpersonal  
Intrapersonal  
Naturalist





# Goal Exercise

## Rethink spaces (36 votes total)

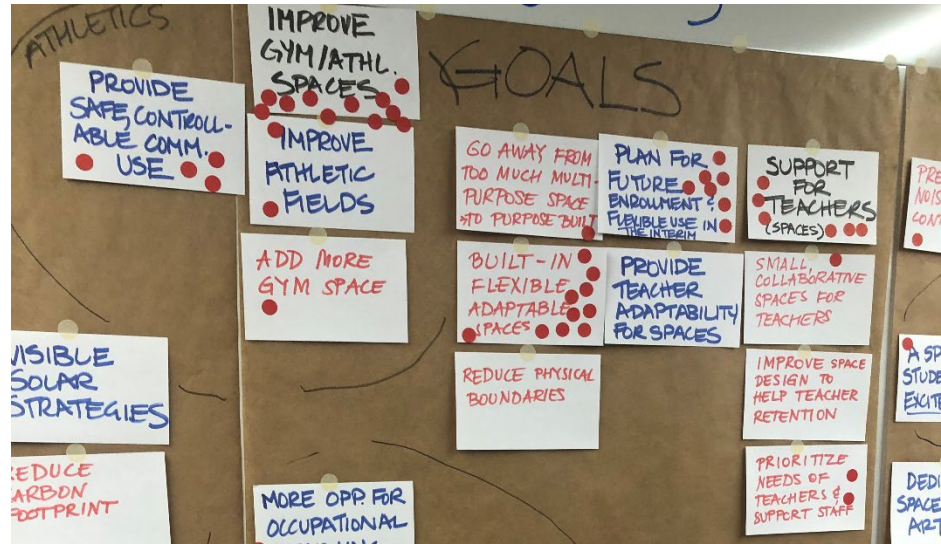
- Built-in flexible adaptable spaces (10 votes)
- Re-think libraries (8 votes)
- Plan for future enrollment and flexible use in the interim (7 votes)
- Support for teachers (spaces) (6 votes)
- Prioritize needs of teachers and support staff (2 votes)
- Provide small collaborative spaces for teachers (1 vote)
- Purpose build spaces and limit multipurpose space (1 vote)
- Replace lockers with social nodes for students (1 vote)
- Consider if lockers are needed in high school?
- Repurpose old computer labs
- Consider a second silent library to provide quiet study space
- Provide teacher adaptability for spaces
- Improve space design to help teacher retention
- Reduce physical boundaries

## Safety (29 votes total)

- Improve traffic impact around schools (10 votes)
- Locate all students under one roof (9 votes)
- Plan for safer pedestrian / bike access to school (2 votes)
- Improve pedestrian safety / crosswalks (2 votes)
- Reconfigure sites for more functional use and safer traffic (2 votes)
- Create an environment where students, teachers, and staff feel safe but not under threat (2 votes)
- Provide contextualized safety and security (1 vote)
- Provide more welcoming exterior and interior lighting (for health / wellness and safety) (1 vote)
- Disguise safety features
- Consider safety with regard to both exterior and interior threats
- Provide structurally sound schools

## Flexibility and adaptability of spaces (20 votes total)

- Provide small, collaborative spaces throughout the schools (11 votes)
- Support the whole student (5 votes)
- Preserve quiet study spaces in the high school (3 votes)
- Accommodate different learners (1 vote)
- Provide more accessible mental health space at the high school



# FPC Planning Goals

## Safety *[29 votes total]*

- > Improve traffic impact around schools *[10 votes]*
- > Locate all students under one roof *[9 votes]*

## Flexibility & Adaptability of Spaces *[25 votes total]*

- > Provide built-in, flexible, and adaptable spaces *[10 votes]*
- > Rethink libraries *[8 votes]*
- > Plan for future enrollment and flexible use in the interim *[7 votes]*

## Diversity of Space to Support Learning *[21 votes total]*

- > Provide small, collaborative spaces throughout the schools *[11 votes]*
- > Support the whole student *[5 votes]*
- > Preserve quiet study spaces in the high school *[3 votes]*

# FPC Planning Goals

## Athletics *[18 votes total]*

- > Improve gymnasium / athletic spaces and fields *[13 votes]*
- > Provide for safe and controllable community use *[4 votes]*

## Program *[15 votes total]*

- > Provide next-generation project-based learning labs for science *[5 votes]*
- > Dedicate space for art *[5 votes]*

## Outdoor Space *[14 votes total]*

- > Rethink outdoor spaces (for use during rainy season) *[8 votes]*
- > Provide diverse opportunities at recess (active / passive ; play / learning) *[3 votes]*

## Occupational Learning *[9 votes total]*

- > More opportunities for occupational learning *[6 votes]*

# FPC Planning Goals

## Teacher Support *[9 votes total]*

- > Provide support spaces for teachers *[6 votes]*

## Learning for All *[7 votes total]*

- > Cross-pollinate space and programs to reduce stigma *[3 votes]*

## Character & Feel *[6 votes total]*

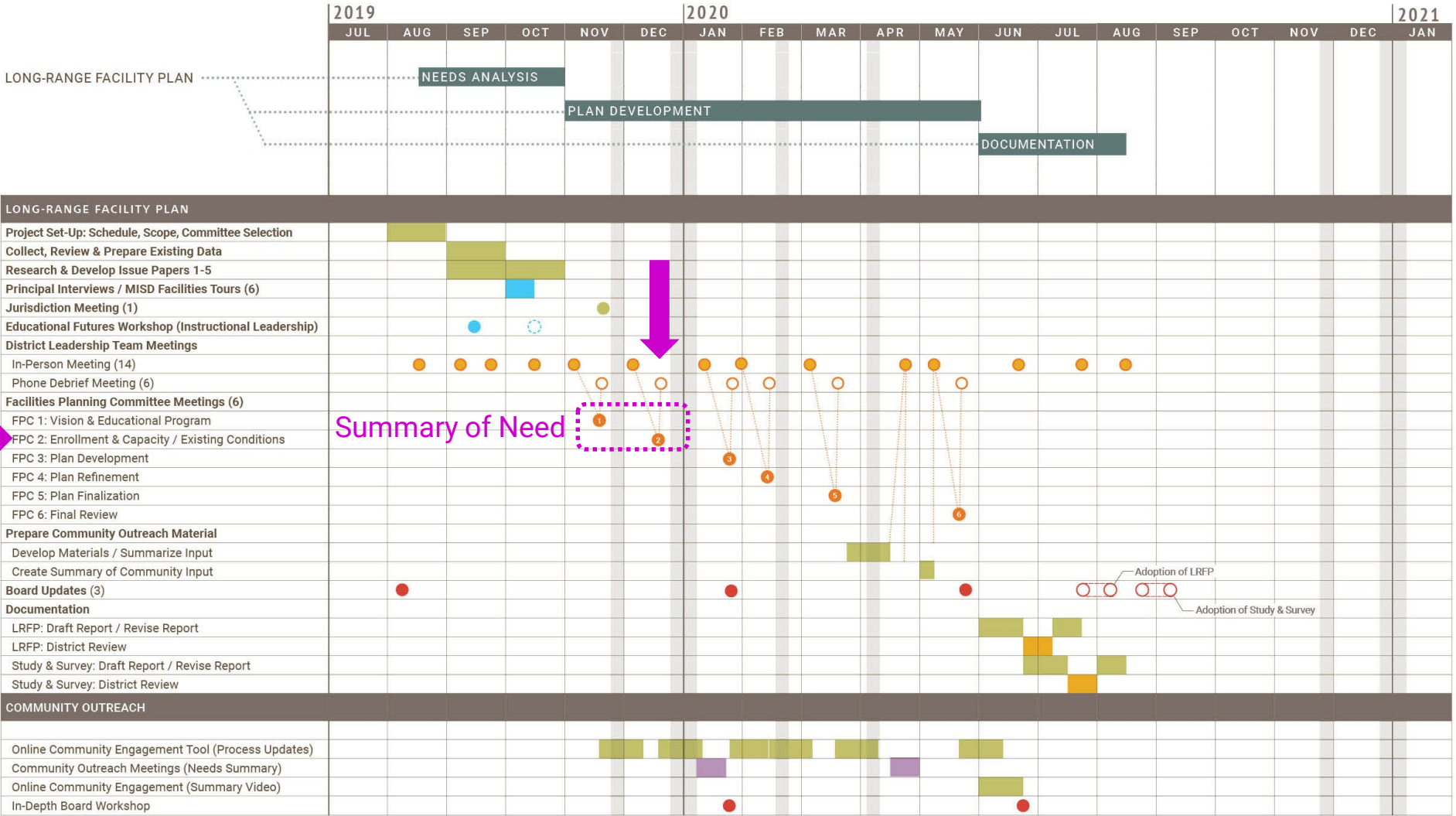
## Food, Dining, & Social Areas *[4 votes total]*

- > Recognize that cafeteria is social space / emotional learning; consider noise impact *[4 votes]*

## Sustainability *[2 votes total]*

- > Provide visible sustainability (as to why) *[5 votes]*

## Technology *[1 vote total]*







# FPC2 Objectives

1. Understand Enrollment / Capacity Based Need
2. Understand Facility Condition Based Need
  - a) Maintenance & Modernization
  - b) Educational Adequacy

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# Agenda

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Review of FPC1

20 min

Capacity & Enrollment

Overview of Need

10 min

Discussion

20 min

Facility Condition: Maintenance & Renovation

Overview of Need

30 min

Discussion

40 min

Facility Condition: Educational Adequacy

Overview of Need

15 min

Discussion

30 min

Next Steps

5 min



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# Capacity & Enrollment

## Reference Documents

Six-Year Capital Facilities Plan 2019-2024  
Mercer Island School District No. 400  
Adopted June 27, 2019

Mercer Island School District Updated Projections  
Educational Data Solutions, LLC  
December 2019

# Capacity

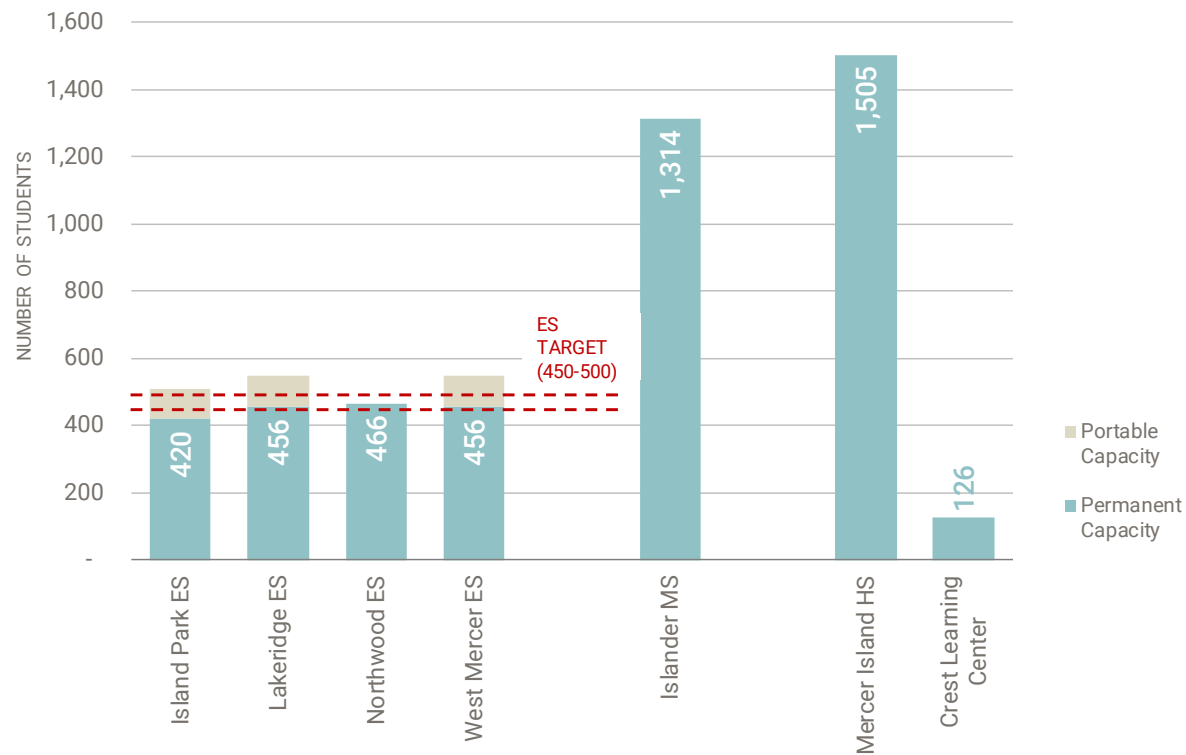


<div> <div># of Standard Classrooms *</div> <div>Room Capacity (Elementary 24, Middle School 26, High School 28) **</div> <div># of Handicapped Classrooms (High Needs)</div> <div>Handicapped Room Capacity (10)</div> <div>Permanent Capacity @ 100%</div> <div>Permanent Capacity @ 95%, 85%, 90%</div> <div># of Existing Portables</div> <div>Portable Capacity @ 100% (24, 26, 28) **</div> <div>Portable Capacity @ 95%, 86%, 90% **</div> <div>Current School Capacity (With Portables) @ 100%</div> <div>Current School Capacity (With Portables) @ 95%, 86%, 90%</div> <div>Projected October 2019 Headcount</div> <div>Permanent Capacity (Over or Short) at 95%, 86%, 90% ***</div> <div>Capacity with Portables (Over or Short) @ 95%, 86%, 90% ****</div> </div>														
Elem. Schools (Capacity Utilization Factor)		24.0			95.0%									
Island Park	18	432	1	10	442	420	2	48	46	490	466	435	(15)	30
Lakeridge	20	480	0	0	480	456	3	72	68	552	524	441	15	84
Northwood	20	480	1	10	490	466	0	0	0	490	466	440	25	25
West Mercer	20	480	0	0	480	456	4	96	91	576	547	468	(12)	80
<b>Total Elementary</b>	<b>78</b>	<b>1872</b>	<b>2</b>	<b>20</b>	<b>1892</b>	<b>1797</b>	<b>9</b>	<b>216</b>	<b>205</b>	<b>2108</b>	<b>2003</b>	<b>1784</b>	<b>14</b>	<b>219</b>
Middle Schools (Capacity Utilization Factor)		26.0			86.0%									
Islander Middle Sch.	58	1508	2	20	1528	1314	0	0	0	1528	1314	1117	197	197
<b>Total (Middle Sch.)</b>	<b>58</b>	<b>1508</b>	<b>2</b>	<b>20</b>	<b>1528</b>	<b>1314</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1528</b>	<b>1314</b>	<b>1117</b>	<b>197</b>	<b>197</b>
High Schools - (Capacity Utilization Factor)		28.0			90.0%									
MI High School	64	1792	2	20	1812	1631	0	0	0	1812	1631	1491	140	140
<b>Total (High School)</b>	<b>64</b>	<b>1792</b>	<b>2</b>	<b>20</b>	<b>1812</b>	<b>1631</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1812</b>	<b>1631</b>	<b>1491</b>	<b>140</b>	<b>140</b>
<b>Total (All Schools)</b>	<b>200</b>	<b>5172</b>	<b>6</b>	<b>60</b>	<b>5232</b>	<b>4742</b>	<b>9</b>	<b>216</b>	<b>205</b>	<b>5448</b>	<b>4947</b>	<b>4392</b>	<b>351</b>	<b>556</b>

\* Includes Crest Learning Center  
 (Assumed average staffing ratio: Elementary 24, Middle School 26, High School 28)

Source: Mercer Island School District No. 400  
 Six-Year Capital Facilities Plan 2019-2024

# Capacity



# Enrollment (Mid-Range Projection)

	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>2028</u>	<u>2029</u>	<u>2030</u>
K	259	263	274	241	249	250	248	246	255	253	252
1	257	284	288	301	266	274	281	279	277	286	284
2	265	264	292	298	311	275	294	302	299	297	307
3	314	277	276	307	313	327	292	313	321	319	316
4	323	336	297	297	330	336	349	312	333	343	340
5	314	332	346	307	307	341	347	360	322	344	354
6	346	328	347	363	322	323	360	366	379	340	363
7	361	349	332	352	368	327	340	379	385	399	357
8	407	379	366	350	371	389	332	345	385	391	405
9	395	407	380	369	352	374	410	350	364	406	413
10	386	397	409	383	372	355	382	420	359	373	416
11	399	380	391	405	379	368	359	386	424	362	377
12	<u>353</u>	<u>389</u>	<u>371</u>	<u>383</u>	<u>397</u>	<u>372</u>	<u>354</u>	<u>345</u>	<u>371</u>	<u>408</u>	<u>348</u>
Tot	<b>4380</b>	<b>4386</b>	<b>4367</b>	<b>4355</b>	<b>4337</b>	<b>4310</b>	<b>4348</b>	<b>4402</b>	<b>4475</b>	<b>4520</b>	<b>4532</b>

Change	-7	7	-19	-12	-18	-28	38	54	73	45	12
Percent	-0.2%	0.2%	-0.4%	-0.3%	-0.4%	-0.6%	0.9%	1.3%	1.7%	1.0%	0.3%

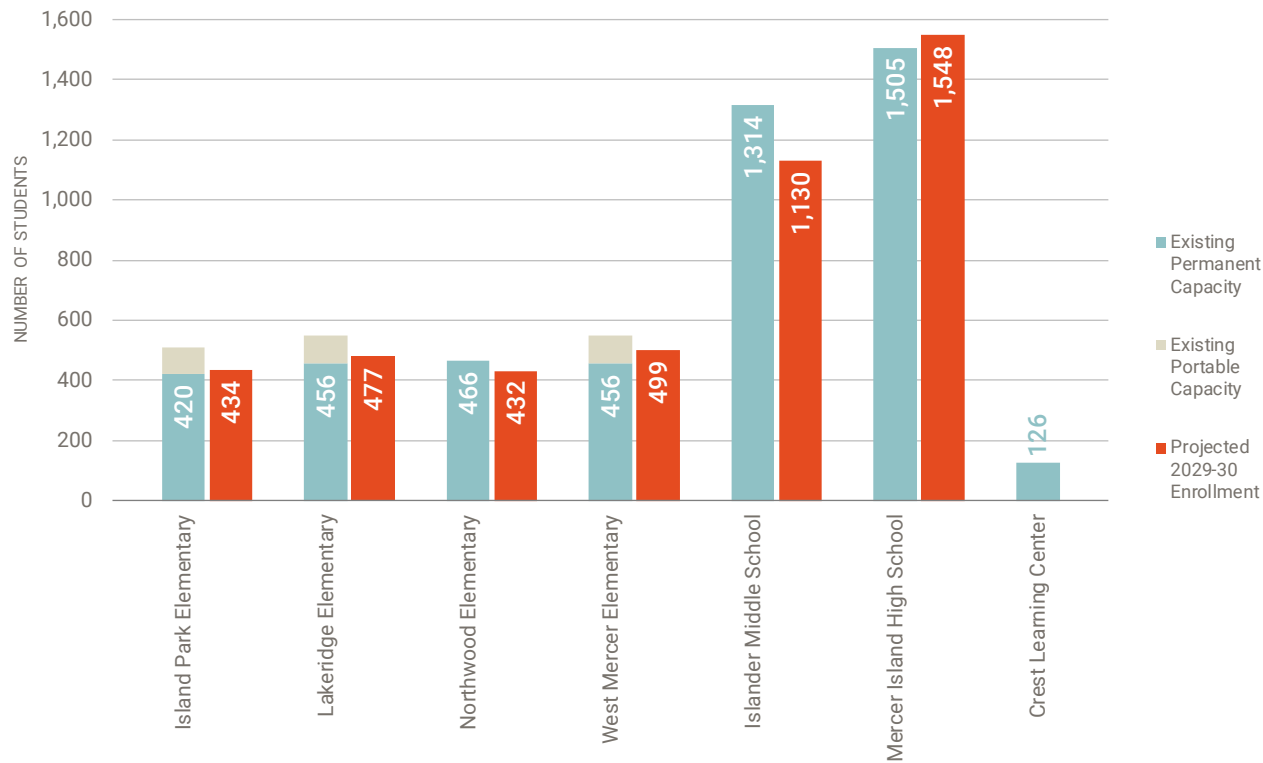
K-5	1732	1757	1772	1751	1776	1803	1811	1811	1808	1842	1853
6-8	1114	1057	1045	1065	1062	1038	1031	1090	1149	1130	1126
9-12	1533	1573	1550	1540	1500	1468	1505	1501	1518	1548	1553

+ 7% (121 students)

+ 1%

+ 1%

# Capacity & Enrollment





# Discussion / Q&A

16 DECEMBER 2019

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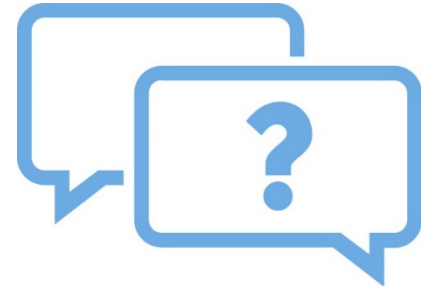
# Facility Condition

## Reference Documents (Maintenance & Modernization)

Study and Survey Update: Mercer Island School District  
BLRB Architects  
September, 2018

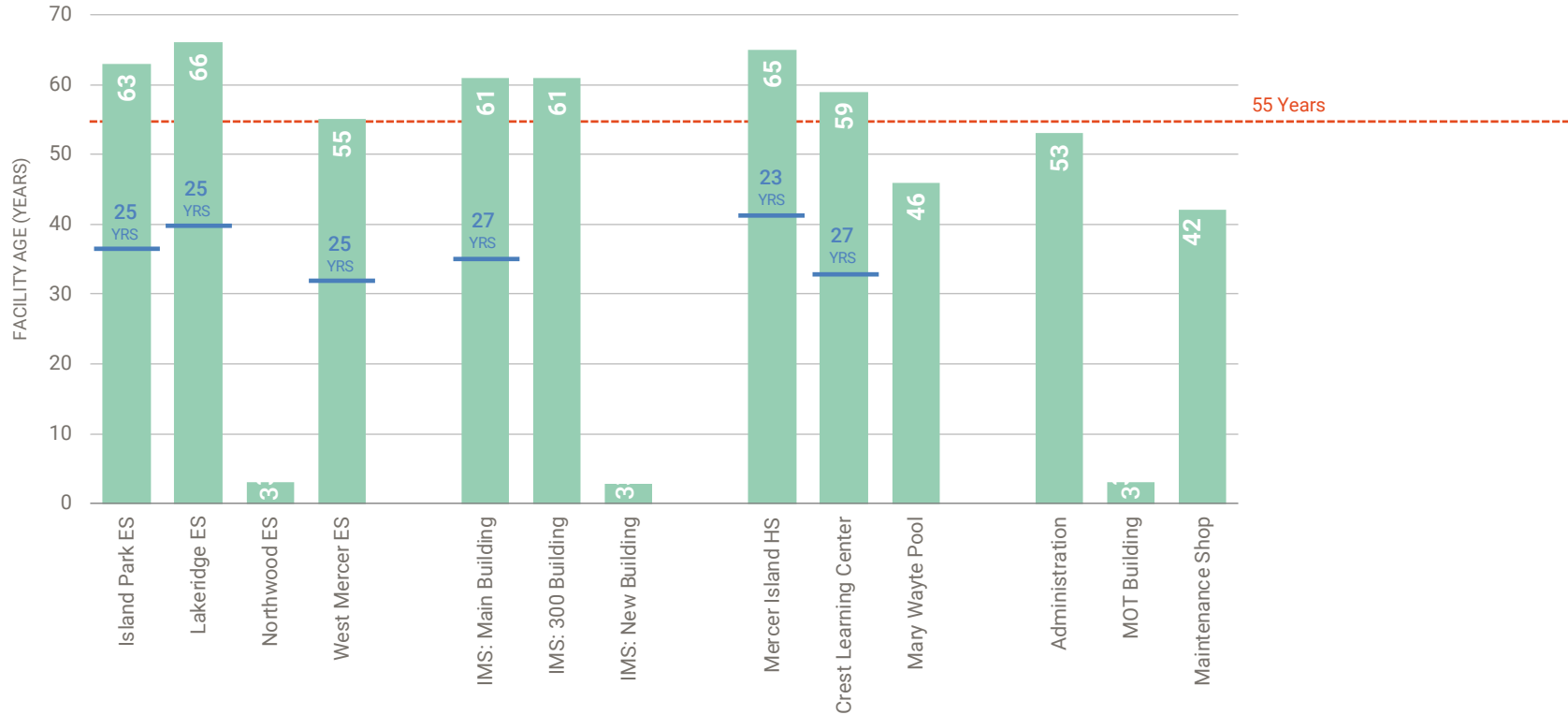
# Average Life Cycle in Years

Permanent Structure	55	Interior Construction	15
Portable	25	Interior Renovation	10
Foundation	50	Ceiling Finish	10
Frame	50	Plumbing	20
Floor Covering	15	HVAC	20
Carpeting	5	Electrical	20
Computer Flooring	10	Fire System	25
Exterior Walls	50	Elevators	20
Roof Covering	10		



Source: Government Finance Officers Association

# Age of Facilities



# Seismic

**Table 2 Washington Building Code History**

WA Year Built		UBC Zone	Seismic Zone Area				Notes
Start Year (Code Ed.)	Through End Year		Coastal	Puget Sound	Extended Puget Sound	Eastern	
0	1975	N/A	Pre-Code (Pending Engineer Override)				1949: WA designated Zone 2, but no state building code 1952-1958: WA designated Zone 3, but no state building code No state building code before 1975
1976 ('73 UBC)	1977	2/3	Pre-Low	Low-Moderate	Pre-Low	Pre-Low	1973 UBC Puget sound region designated Zone 3 out of 3 1973 UBC coastal and eastern WA designated Zone 2 out of 3
1978 ('76 UBC)	1984	2/3	Low	Moderate	Low	Low	1976 UBC Puget sound region designated Zone 3 out of 4 1976 UBC coastal and eastern WA designated Zone 2 out of 4
1985 ('82 UBC)	1986	2/3	Low	Moderate	Low	Low	1982 UBC Puget sound region designated Zone 3 out of 4 1982 UBC coastal and eastern WA designated Zone 2 out of 4
1987 ('85 UBC)	1989	2/3	Low	Moderate	Low	Low	1985 UBC Puget sound region designated Zone 3 out of 4 1985 UBC coastal and eastern WA designated Zone 2 out of 4
1990 ('88 UBC)	1992	2B/3	Low-Moderate	Moderate-High	Moderate-High	Low-Moderate	1988 UBC Puget sound region gets larger from 1985 designated Zone 3 out of 4 1988 UBC Eastern and Coastal regions designated Zone 2B out of 4
1993 ('91 UBC)	1995	2B/3	Low-Moderate	Moderate-High	Moderate-High	Low-Moderate	1991 UBC Puget sound region designated Zone 3 out of 4 1991 UBC Eastern and Coastal regions designated Zone 2B out of 4
1996 ('94 UBC)	1998	2B/3	Moderate-High	Moderate-High	Moderate-High	Low-Moderate	1994 UBC Puget sound (including extended Puget sound) region and coastal region is designated Zone 3 out of 4 1994 UBC Eastern WA designated Zone 2B out of 4
1999 ('97 UBC)	2004	2B/3	High	High	High	Moderate	1997 UBC requires additional detailing requirements
2005 (IBC)	Present	N/A	High	High	High	Low-Moderate	2002 WA State adopted the IBC. Eastern WA seismicity decreases from UBC

# Seismic

## Island Park Elementary

Upgrades: 1995

Condition: Not considered a concern for life safety or collapse, however, significant damage would be expected. In a Maximum Considered Earthquake event, this damage may exceed that which is repairable.

## Lakeridge Elementary

Upgrades: 1995

Condition: Not considered a concern for life safety or collapse, however, significant damage would be expected. In a Maximum Considered Earthquake event, this damage may exceed that which is repairable.

## Northwood Elementary

Upgrades: Building completed 2016

Condition: Conforms with current code requirements.

## West Mercer Elementary

Upgrades: 1995

Condition: Not considered a concern for life safety or collapse, however, significant damage would be expected. In a Maximum Considered Earthquake event, this damage may exceed that which is repairable.

(Note: A Maximum Considered Earthquake event 2% probability of exceedance in 50 years.)

Source: Structural Evaluation Reports  
PCS Structural Solutions, November 21, 2011



# Seismic

## Mercer Island Middle School (pre-2016)

Structural Upgrades: 1995

Condition: Not considered a concern for collapse, however, significant damage would be expected. In a Maximum Considered Earthquake event, this damage may exceed that which is repairable.

## Islander Middle School (new wing)

Upgrades: Building completed 1016

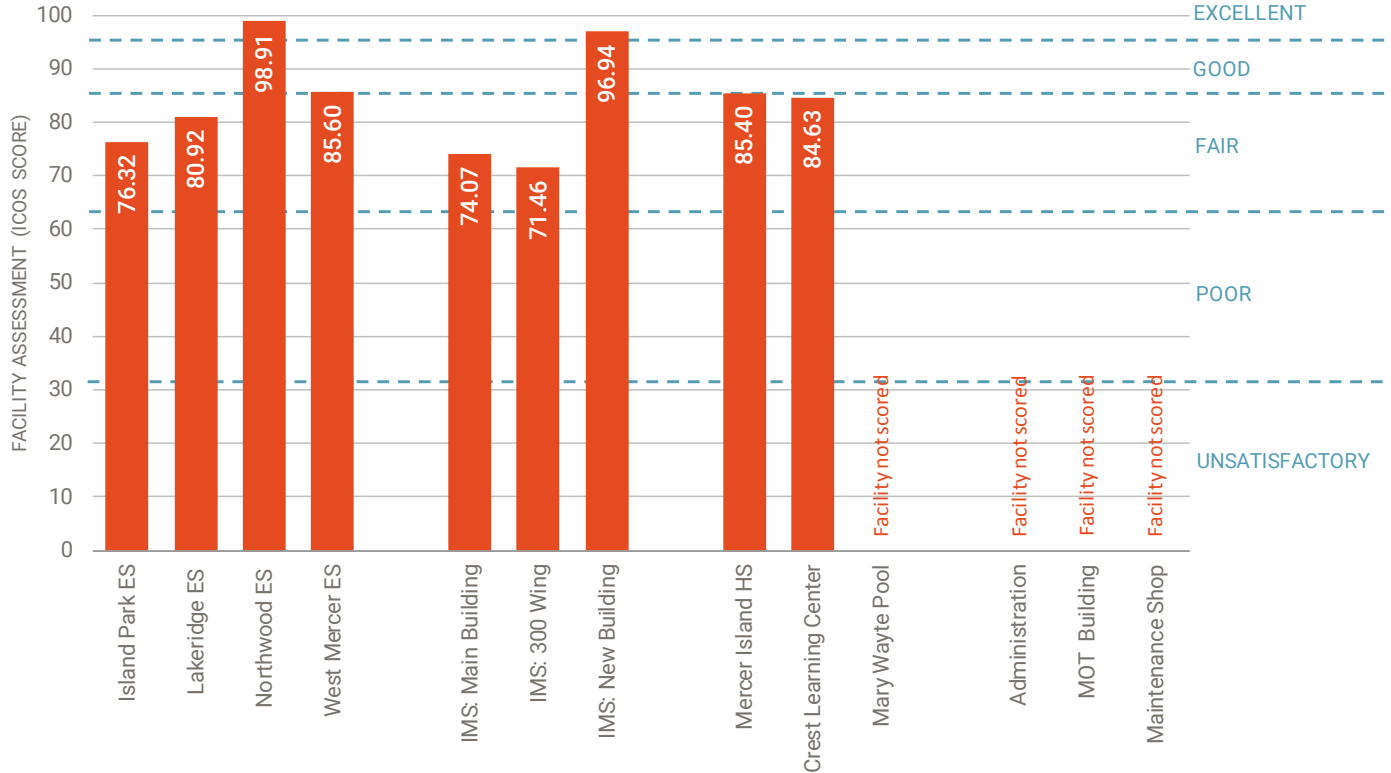
Condition: Conforms with current code requirements.

## Mercer Island High School

Structural Upgrades: 1997 and 2013

Condition: In a Maximum Considered Earthquake event, damage may exceed that which is repairable. While portions of the building were seismically upgraded in the 1990's, it is recommended that roof/wall connections at the gymnasium be improved when future construction work is performed in these areas.

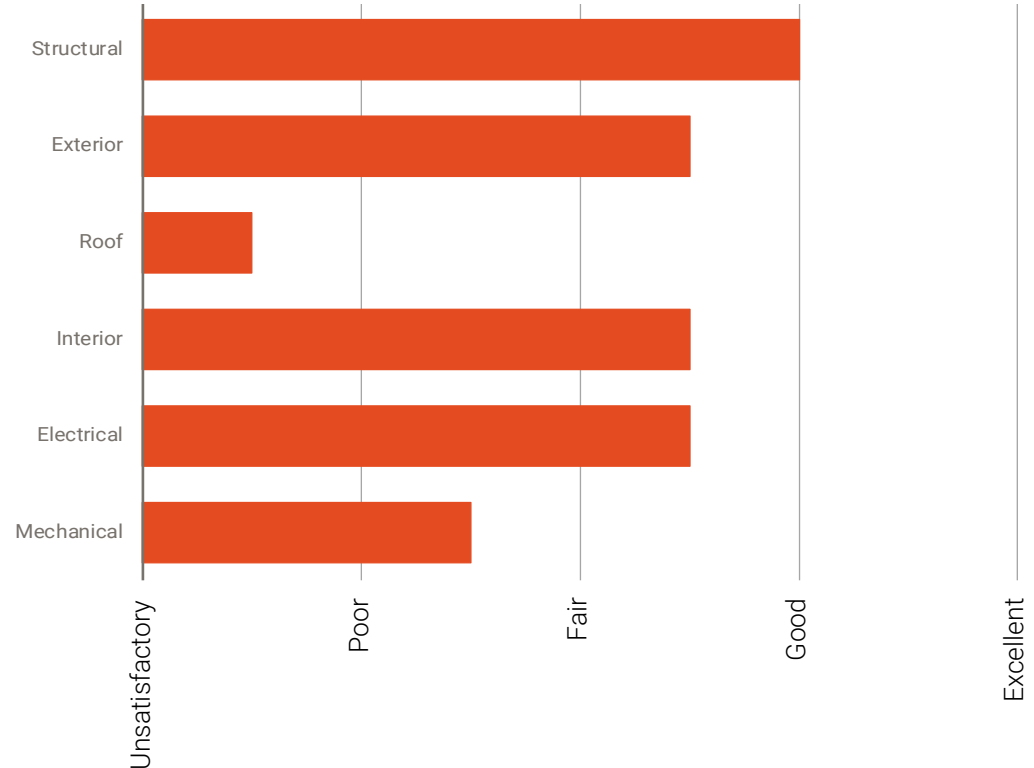
# Facility Condition



# Facility Condition: Island Park

## Significant Maintenance Needs

Roof replacement  
Fencing repair/replacement  
Parking lot grind/asphalt  
ADA exterior improvements  
Drainage improvements  
Stucco and CMU Repairs  
Exterior paint  
Interior paint  
Flooring replacement  
Toilet partition replacement  
Furniture replacement  
Boiler replacement  
HVAC controls upgrade  
Kitchen equipment replacement  
Kitchen hood replacement



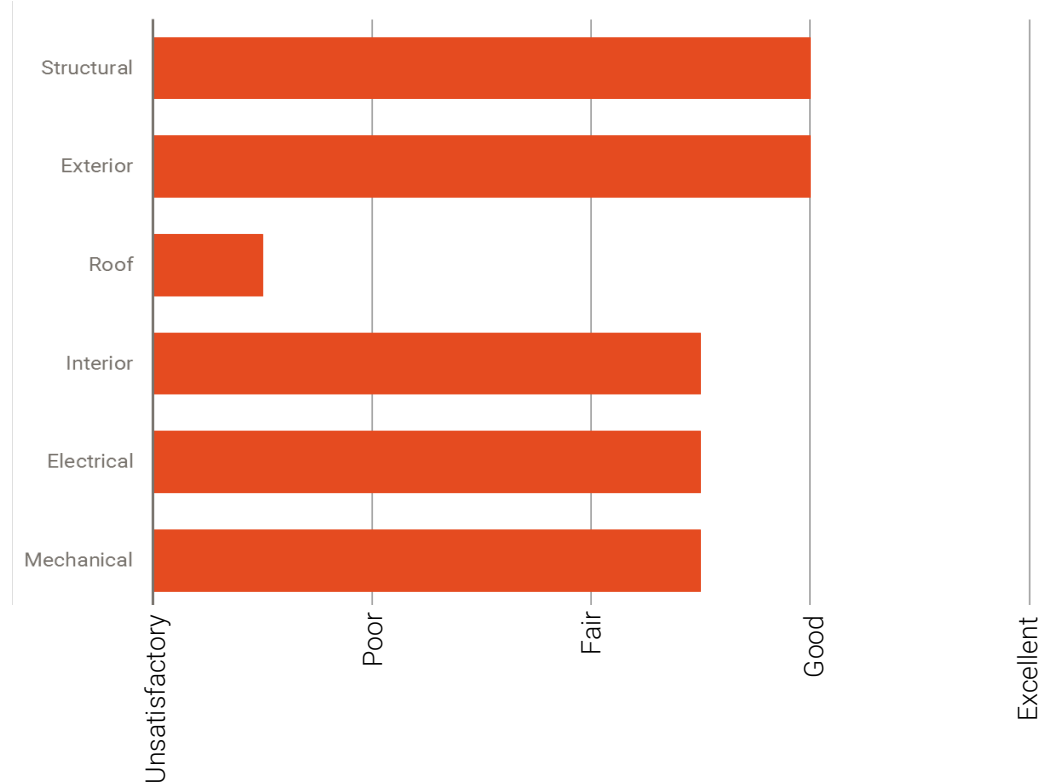
# Facility Condition: Island Park



# Facility Condition: Lakeridge

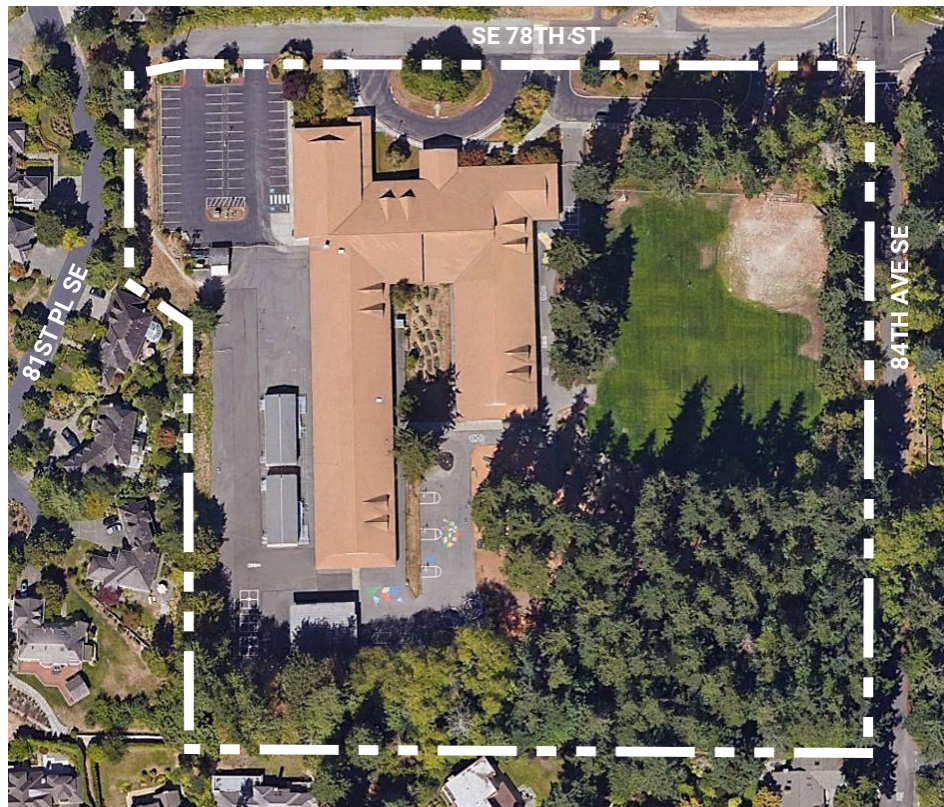
## Significant Maintenance Needs

Roof replacement  
Fencing repair / replacement  
Parking lot grind/asphalt  
ADA interior improvements (ramp)  
ADA exterior improvements  
Drainage improvements  
Stucco and CMU Repairs  
Exterior paint  
Interior paint  
Flooring replacement  
Toilet partition replacement  
Furniture replacement  
Boiler replacement  
Hot water tank replacement  
HVAC controls upgrade  
Kitchen equipment and hood replacement





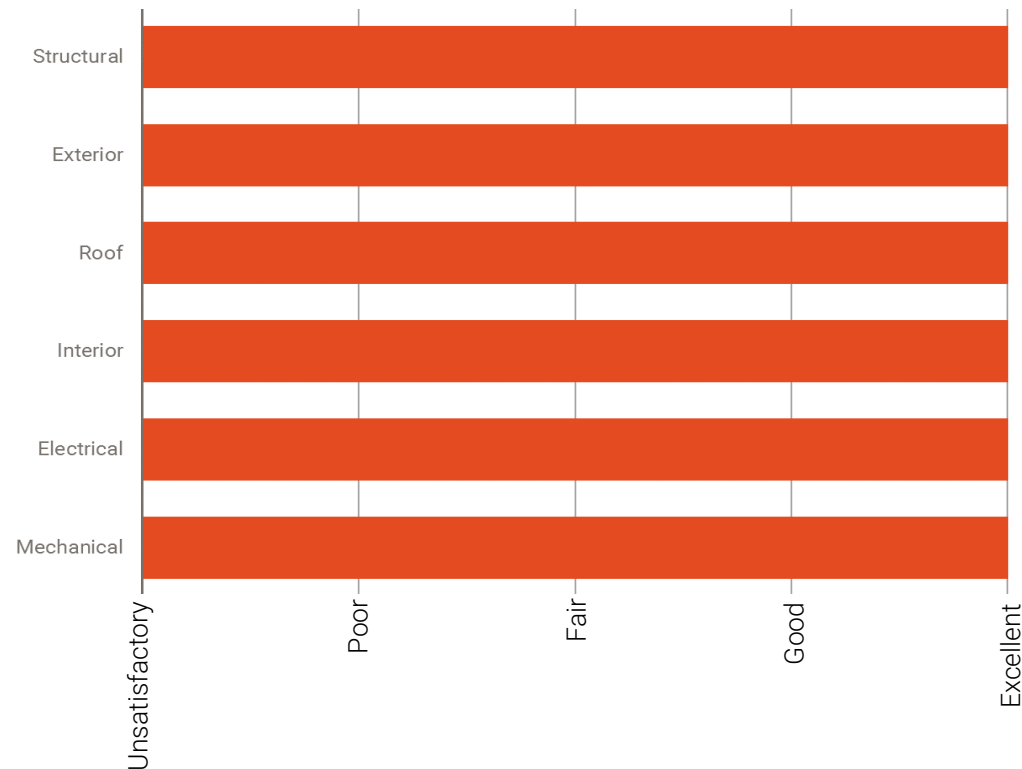
# Facility Condition: Lakeridge



# Facility Condition: Northwood

## Significant Maintenance Needs

No significant deferred maintenance required





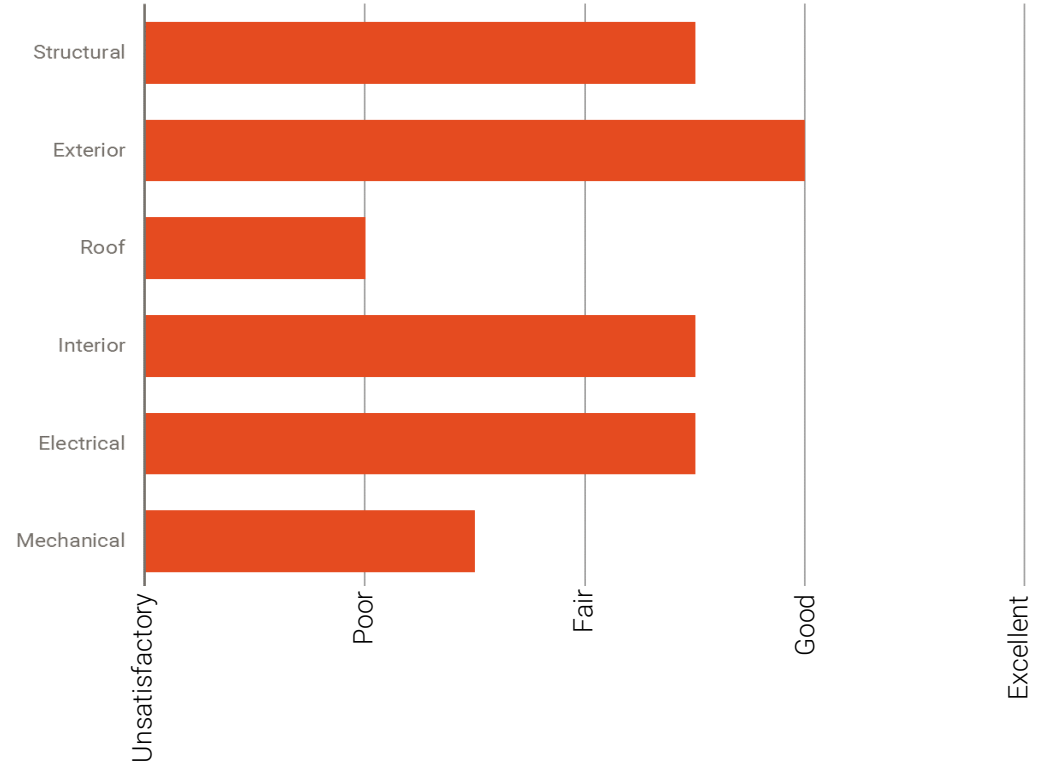
# Facility Condition: Northwood



# Facility Condition: West Mercer

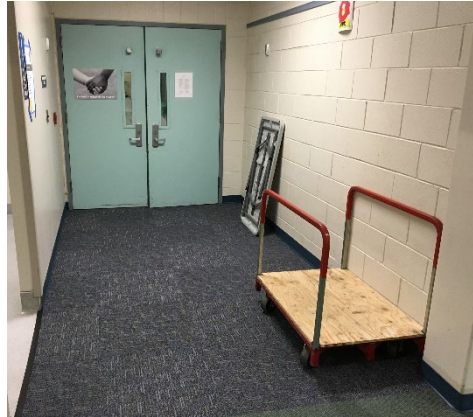
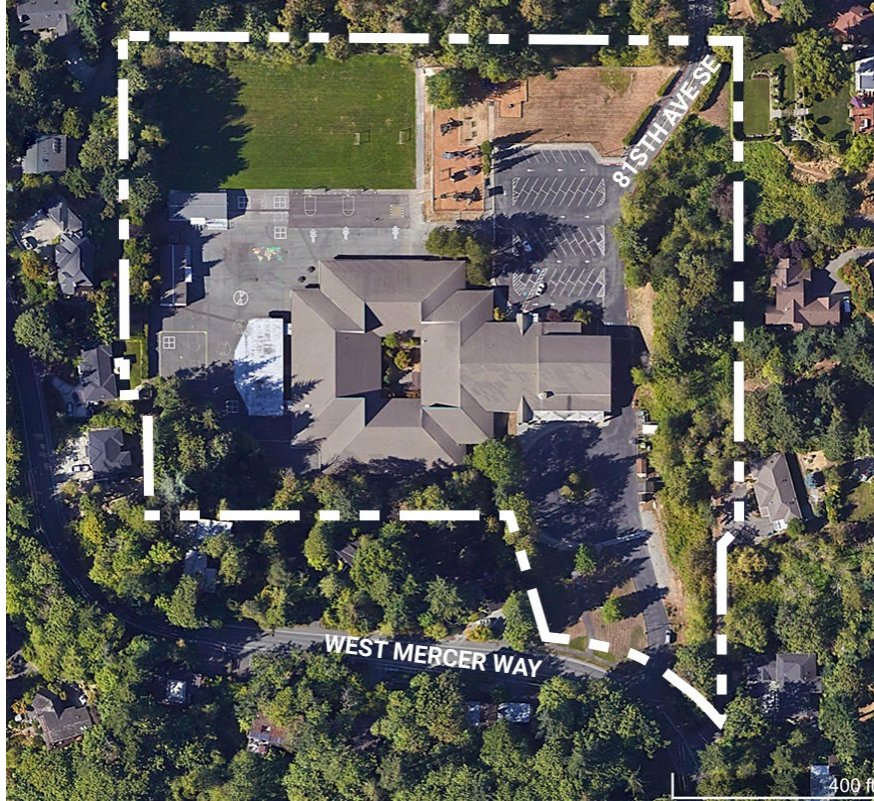
## Significant Maintenance Needs

Roof replacement  
Fencing repair / replacement  
Parking lot grind/asphalt  
Drainage improvements  
ADA interior improvements  
ADA exterior improvements  
Drainage improvements  
Stucco and CMU Repairs  
Exterior paint & Interior Paint  
Flooring replacement  
Toilet partition replacement  
Furniture replacement  
Boiler replacement  
Fire alarm replacement  
HVAC controls upgrade  
Kitchen equipment and hood replacement





# Facility Condition: West Mercer



# Facility Condition: Islander MS

## Significant Maintenance Needs

Roof replacement (critical at 100/200)

Toilet partition replacement / re-configuration

Fencing to create secure campus

Bus loop asphalt replacement (grind / overlay)

Bus loop lighting replacement

Drainage improvements

Stucco repair

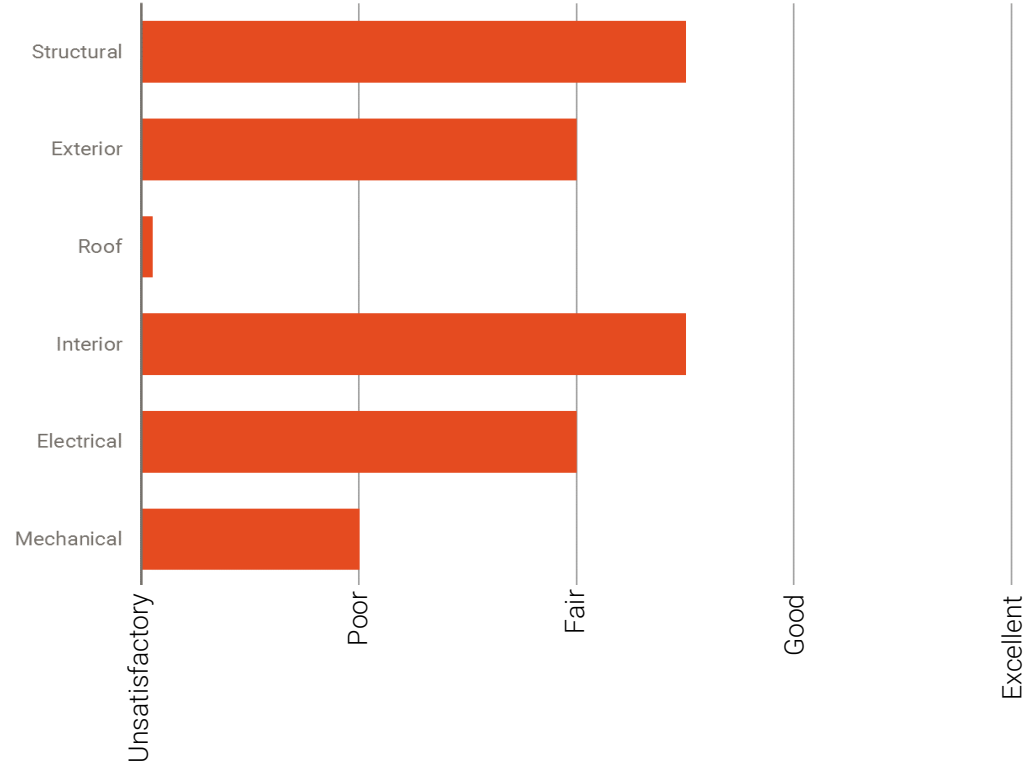
Exterior paint

Interior paint

HVAC equipment replacement

HVAC controls upgrade

Track and field replacement





# Facility Condition: Islander MS



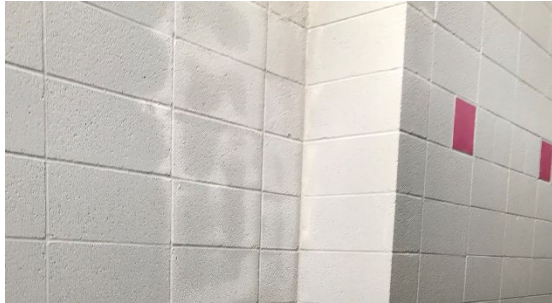


# Facility Condition: Islander MS





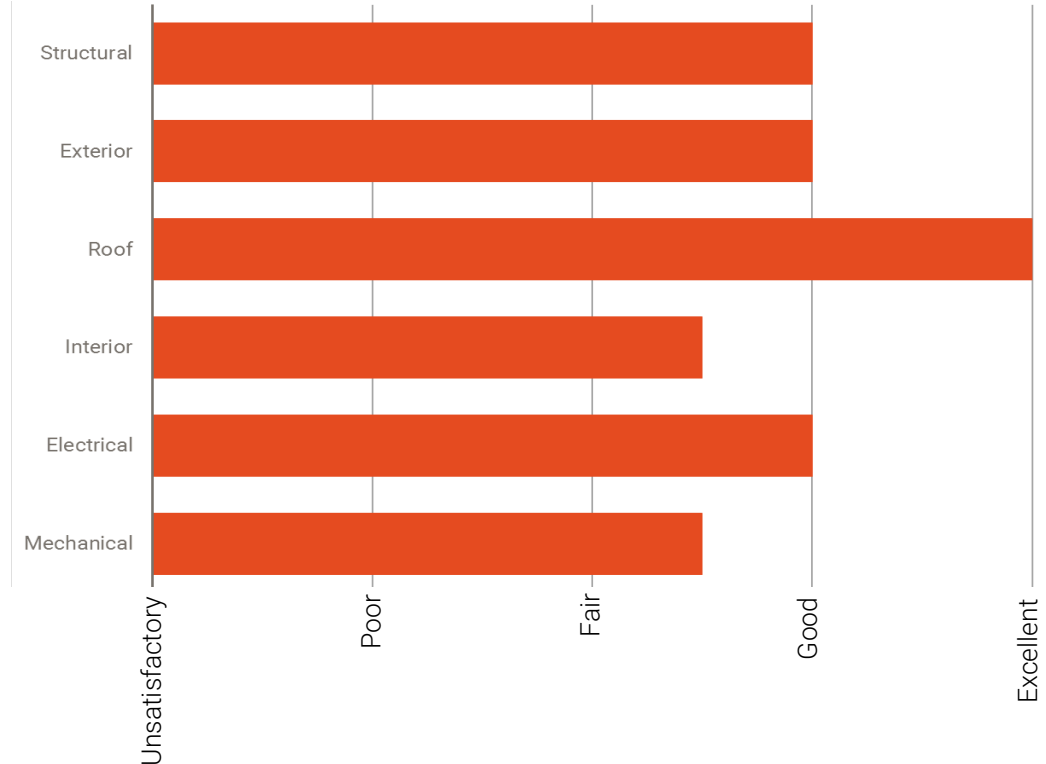
# Facility Condition: Islander MS



# Facility Condition: Mercer Island HS

## Significant Maintenance Needs

Locker replacement in gym locker rooms  
Toilet partition replacement / re-configuration  
Theater lighting and seating replacement  
Furniture replacement  
Stucco repair  
Brick cleaning and sealing  
Exterior paint  
HVAC controls upgrade  
Exhaust fan replacement  
Kitchen equipment and hood replacement  
Gym bleacher replacement



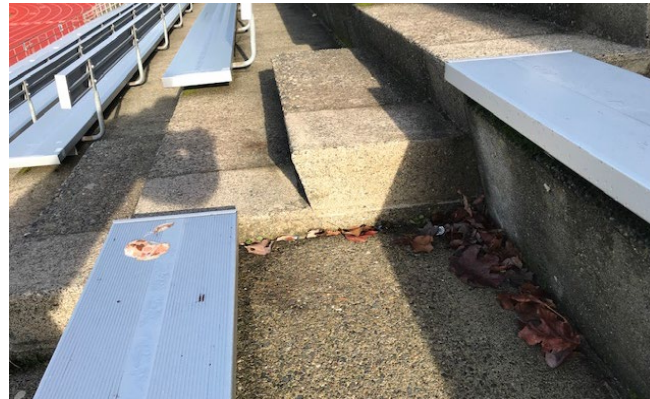
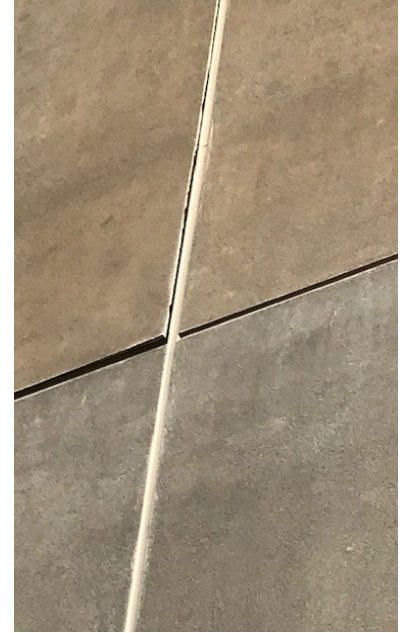


# Facility Condition: Mercer Island HS





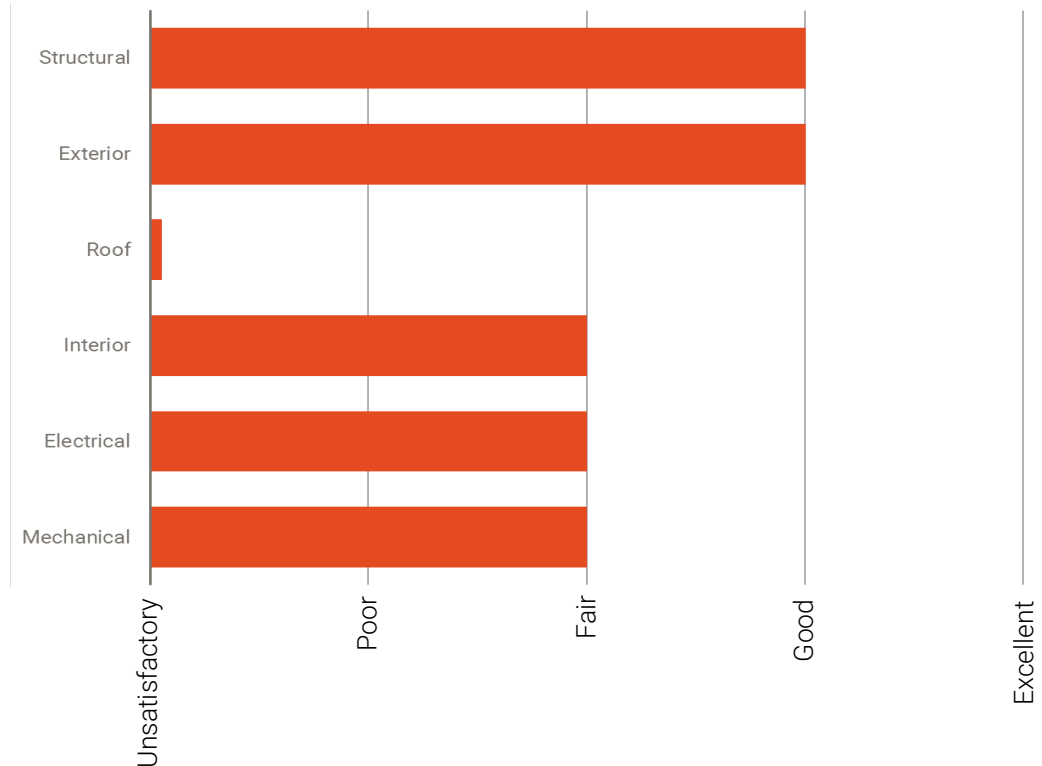
# Facility Condition: Mercer Island HS



# Facility Condition: Crest Learning Center

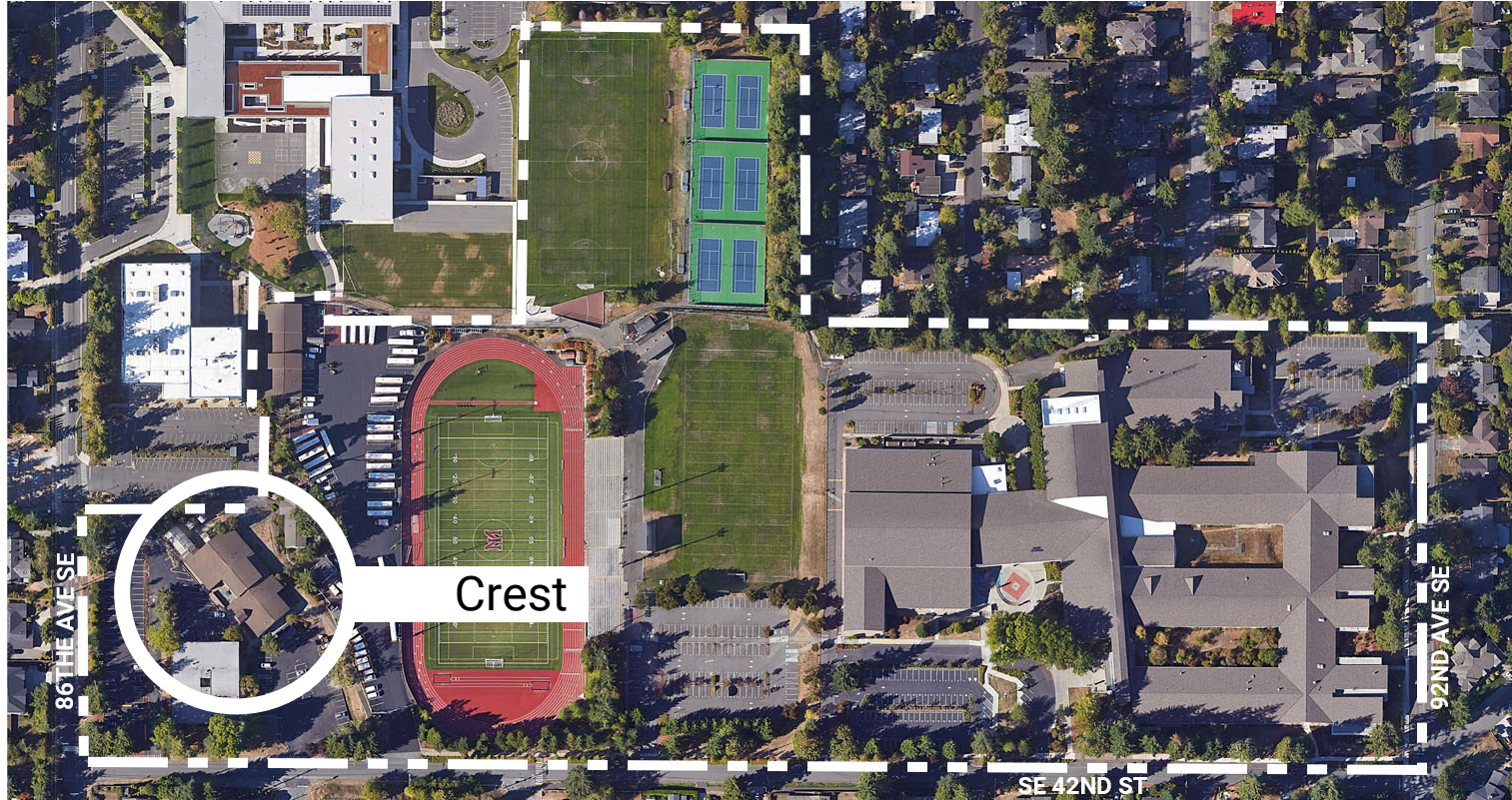
## Significant Maintenance Needs

Roof replacement  
Site ADA improvements  
CMU and brick repair  
Brick cleaning / sealing  
Flooring replacement  
Furnace replacement  
Furniture replacement  
HVAC controls upgrade  
Exhaust fan replacement  
Fire alarm upgrade / replacement  
Greenhouse upgrade / replacement





# Facility Condition: Crest Learning Center

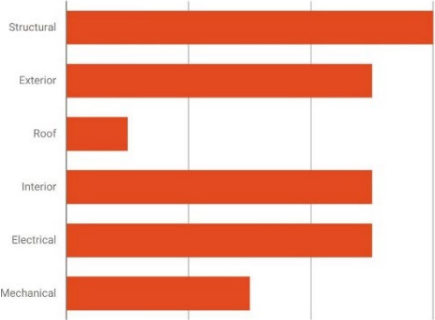




# Facility Condition: Crest Learning Center



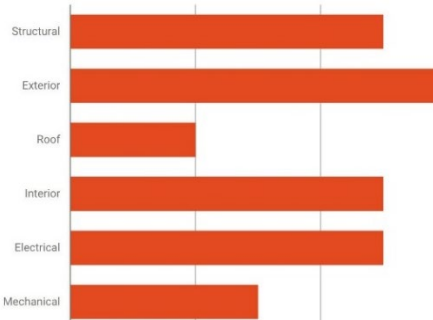
# Facility Condition: Comparison by System



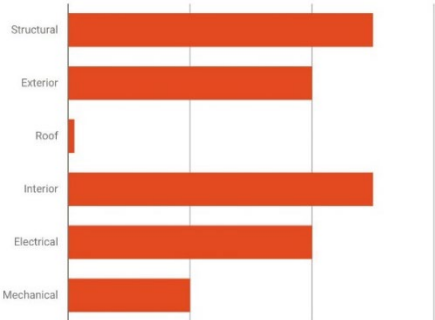
Island Park ES



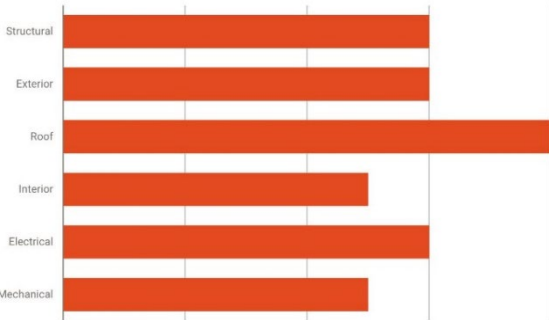
Lakeridge ES



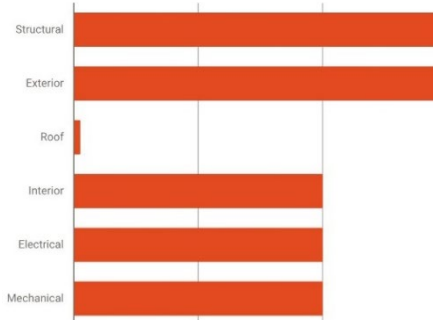
West Mercer ES



Islander MS



Mercer Island HS



Crest Learning Center

# Facility Condition: Mary Wayte Pool

## Significant Maintenance Needs

- Wood repair
- Exterior paint
- Interior paint
- ADA improvements at locker rooms
- Locker room renovation

## Under contract for 2020-2021

- Boiler replacement
- Hot water tank replacement
- Air handler replacement
- Ductwork replacement
- Circulation pump replacement
- Controls upgrade





# Facility Condition: Administration Bldg



# Facility Condition: Administration Bldg

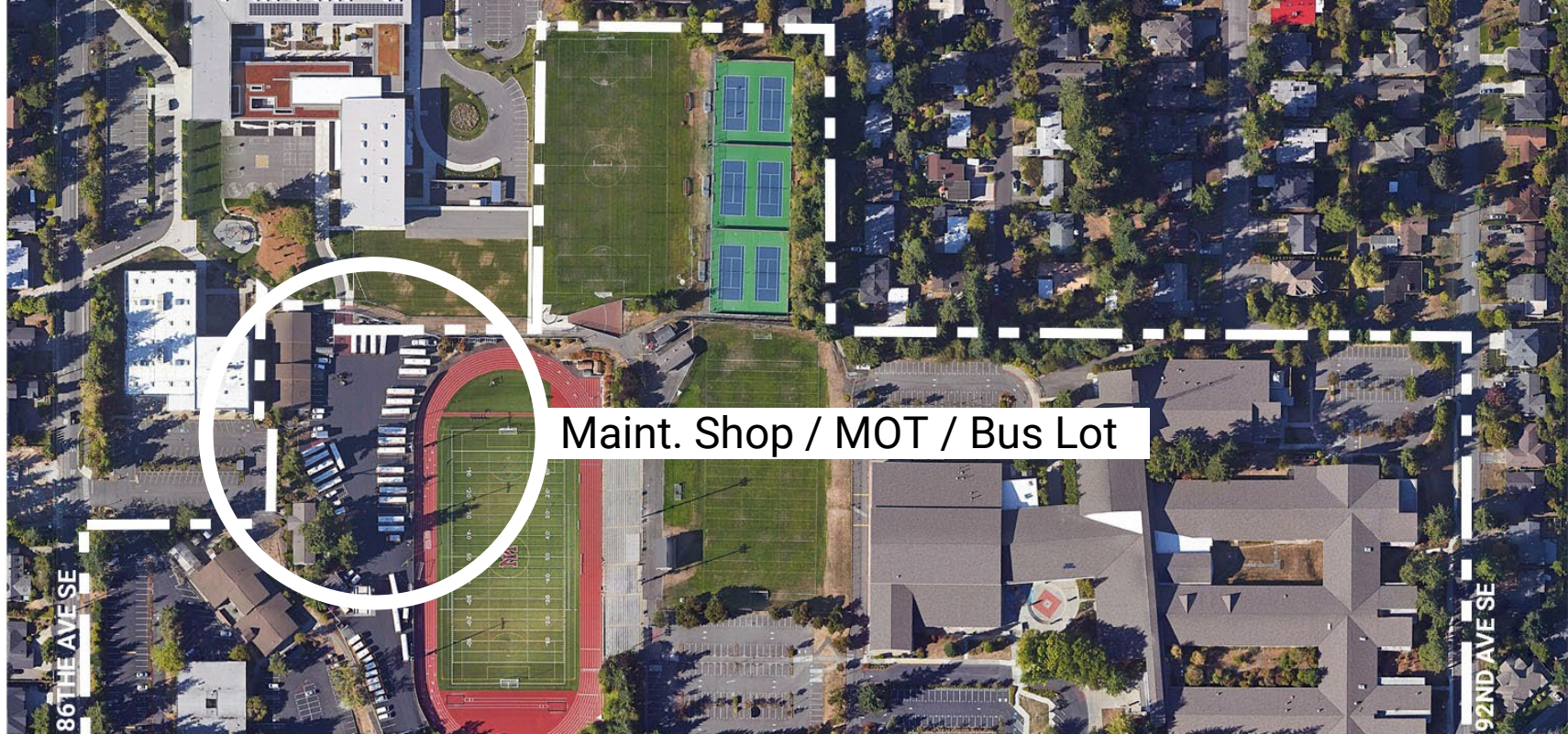
## Significant Maintenance Needs

- Roof replacement
- Parking lot grind / asphalt
- ADA improvements
- Drainage improvements
- Wood repair
- Exterior paint
- Interior paint
- Flooring replacement
- Toilet partition replacement / reconfiguration
- Furniture replacement
- Boiler replacement
- Hot water tank replacement
- HVAC controls upgrade
- Exhaust fan replacement
- Fire sprinkler installation
- Kitchen equipment replacement





# Facility Condition: Support





# Facility Condition: Support



# Facility Condition: Boys & Girls Club/PEAK





# Facility Condition: Boys & Girls Club/PEAK





# Discussion / Q&A

16 DECEMBER 2019



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**SCHOOL DISTRICT**  
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# Agenda

16 DECEMBER 2019

Review of FPC1	20 min
Capacity & Enrollment	
Overview of Need	10 min
Discussion	20 min
Facility Condition: Maintenance & Renovation	
Overview of Need	30 min
Discussion	40 min
Facility Condition: Educational Adequacy	
Overview of Need	15 min
Discussion	30 min
Next Steps	5 min



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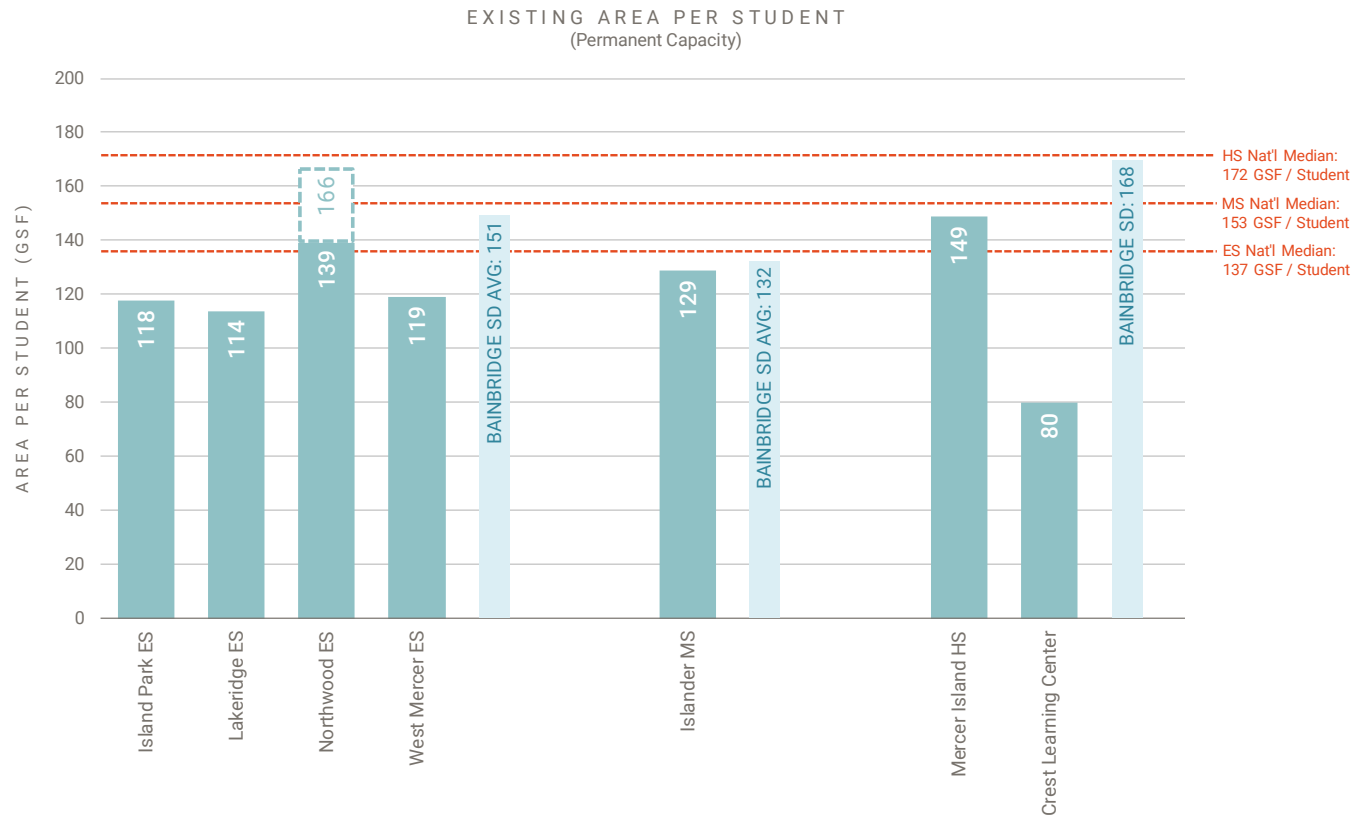
# Facility Condition

## Reference Documents Educational Adequacy

Study and Survey: Mercer Island School District  
BLRB Architects  
November, 2009



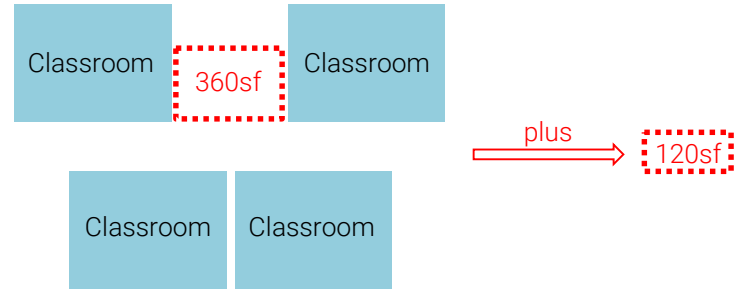
# Educational Adequacy



# Educational Adequacy



Example: impact of 5 sf / student



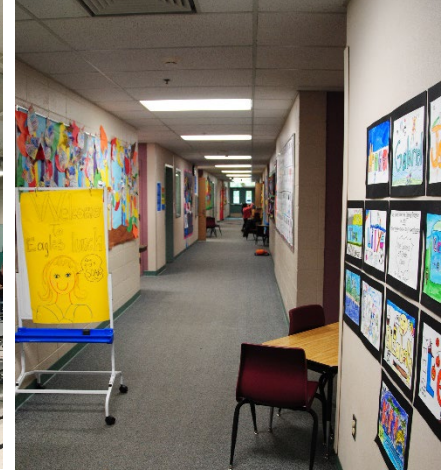
$24 \text{ students/classroom} \times 5 \text{ sf/student} = 120 \text{ sf/classroom}$

$120 \text{ sf/room} \times 4 \text{ classroom} = 480 \text{ sf}$

360sf shared by classroom pod  
120sf distributed to other functions

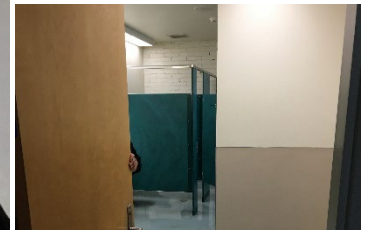
# Educational Adequacy: Island Park

- > Need for separate gym and cafeteria (1hr 20min/day)
- > “Flex spaces” and small group learning areas
- > Centralized SPED area with new special education classroom and OT/PT therapy room
- > General Ed. classrooms are small and do not have sufficient storage. Acoustics separation is poor.
- > Multiple distributed sensory rooms or “safe spaces”
- > Multiple disconnected buildings
- > Administration area improvements
- > Dedicated Art/science classroom(s)
- > Student restroom adjacent to kindergarten classrooms
- > Hard surface play too close to classrooms



# Educational Adequacy: Lakeridge

- > Need for separate gym and cafeteria
- > “Flex spaces” and small group learning areas
- > Students in modular cut through other classrooms to access restrooms and other support services
- > Library utilized for guest speakers disrupts library function
- > General Ed. classrooms are small and do not have sufficient storage. Acoustics separation is poor.
- > Music room too far from stage, should be adjacent
- > Administration area improvements are needed
- > Dedicated Art/science classroom(s)
- > Student restroom adjacent to kindergarten classrooms
- > Hard surface play too close to classrooms





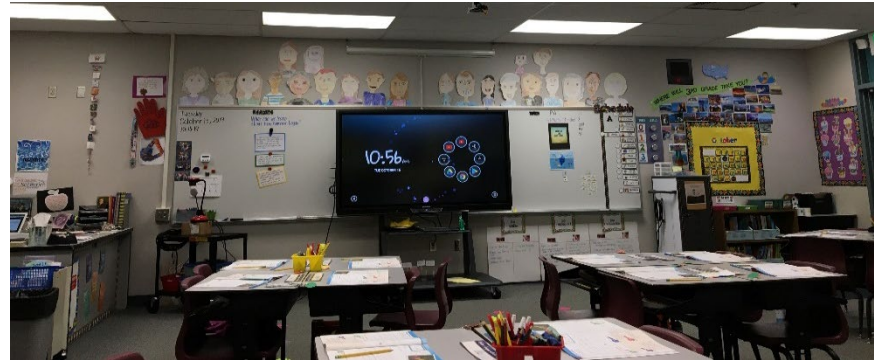
# Educational Adequacy: Northwood

- > Direct access from health room to restroom ideal
- > Disruption of PE classes to access music room
- > Acoustics are challenge in gym, dining, entry and stairwells



# Educational Adequacy: West Mercer

- > Need for separate gym and cafeteria
- > “Flex spaces” and small group learning areas, ability to create two more “pods” would be highly desirable
- > SPED areas are disjointed and should be better located. Need for an additional classroom. Acoustics separation is poor.
- > Gen. Ed. classrooms are too small and have inadequate storage
- > Library needs additional storage and more natural light
- > Administration area improvements
- > Playground is remote from cafeteria
- > Fields have poor drainage that limits use



# Educational Adequacy: Islander MS

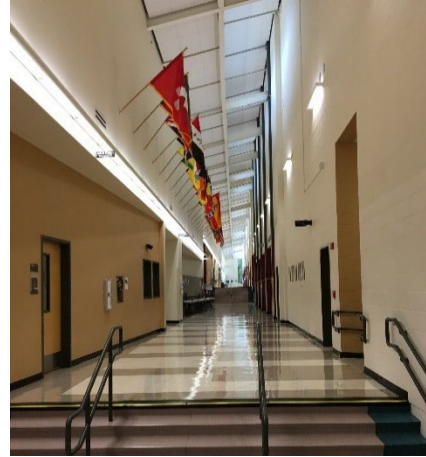
- > Multiple detached buildings create lack of connection between both students and programs
- > Common areas in the “Classic building” are difficult to supervise
- > Corridors need to accommodate small break-out spaces
- > Reorganize classrooms in older buildings into effective, smaller, personalized learning communities
- > Building 300 science classrooms do not support STEM adequately and need more storage
- > Sound transfer between classrooms can be disruptive
- > Provide a new school broadcast studio and editing room
- > Modernize library space and increase flexibility





# Educational Adequacy: Mercer Island HS

- > Older science classrooms should be larger to accommodate instruction
- > Music programs continues to grow, additional space would be useful particularly for larger classes (band)
- > Reconfigure and consolidate counseling and nurse's room to provide access and confidentiality
- > Provide separate black box theater to enhance drama program and all theater to be used by more programs
- > Improve / replace theater technology – sound, lighting, projection, curtain Improve acoustics.
- > Reconfigure library into flexible learning spaces that will encourage better utilization by students and small groups
- > Improvements and connectivity could be made to CCR programs (i.e. broadcast programs)





# Educational Adequacy: Crest

- > Too small for programs currently housed
- > Need new larger greenhouse
- > Centralized SPED area with new special education classroom and OT/PT therapy room





# Discussion / Q&A

16 DECEMBER 2019



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