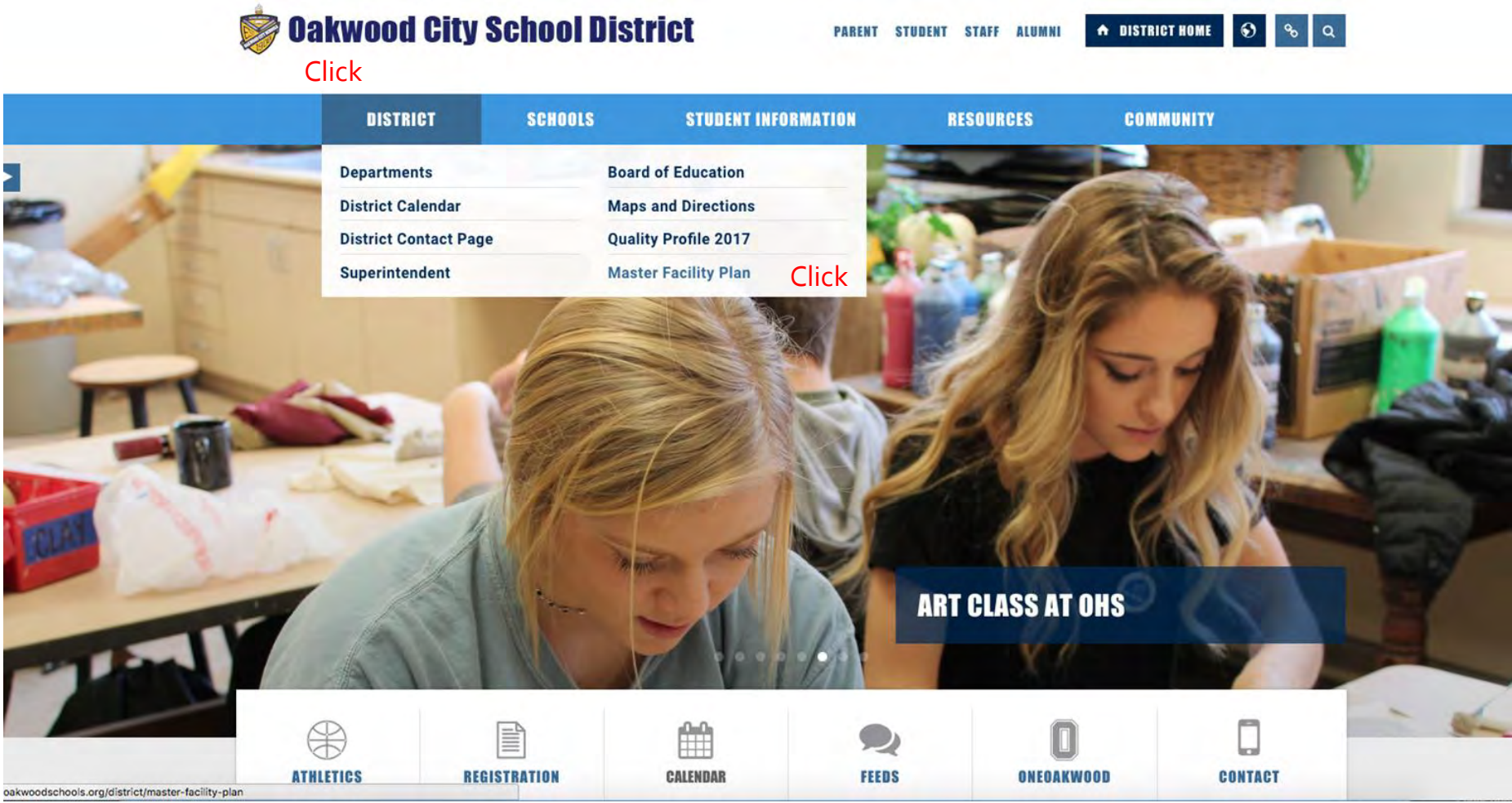


To Find Today's Presentation: Go to oakwoodschools.org; Click on District; Click on Master Facility Plan

Community Meeting #1

Process, Assessments and Visioning Questions

Welcome & Thank You

- Large and Complex Process
  - Assessment, Design, Decisions
- Multiple Committees, Teams and Meetings
- First of Four Meetings ~ Feb, April, Sept

Agenda for Tonight

Share the “Why”

Share Assessment Results

Begin to Gather Your Input

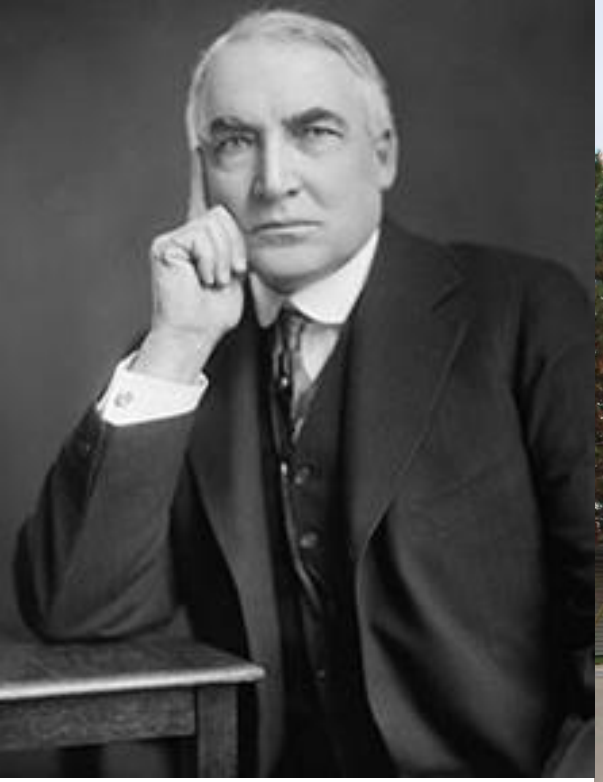
Ask a Few Visioning Questions

Exit Cards

No decisions have been made.

Past, Present & Future

1908
President Theodore Roosevelt



1922
President Warren G. Harding

1924
President Calvin Coolidge

1929
President Herbert Hoover

1932
President Herbert Hoover

Harman = 1908 (109 years)
Lange = 1922 (95 years)
OHS = 1924 (93 years)
Smith = 1929 (88 years)
JH = 1932 (85 years)

If we want to be in these buildings for another 20, 50 or 109 years then...

When is the best time to plant a tree?

Answer: 20 years ago

In 2000 (17 years ago), we had a $40 million list of improvements we needed/wanted.

The priority was space for the enrollment spike.

We asked for and spent more than $20 million on additional space and finishes.

Thank goodness, look at all the shade from that tree!

We deferred $20 million of work primarily in infrastructure (behind the walls).

Present

Well Maintained and Looking Good

However:

- Those systems are 17 years older
- Students, staff and learning have evolved.

Phones 100 Years Ago

Phones 50 Years Ago

Phones Today

Cars 100 years ago

Cars 50 years ago

Cars Today

Classrooms 100 years ago

Classrooms 50 years ago

Our Classrooms Today

In 2017, we believe we need to address those infrastructure needs and...

Develop a plan to enhance our learning environments for the present and the future.

Future

5, 10, 50, 109 years down the road?

Our children and our grandchildren?

In other words, we need to plan to “plant some trees.”

Mr. Todd Duwel, Vice President

Oakwood Board of Education

Reflect

To think deeply or carefully about ...

We all moved to Oakwood based on its past; its pedigree; its performance; its promise

#OneOakwood

Without asking for, or perhaps wanting this charge, we are now that generation that must determine/how/whether Oakwood will continue to attract generations to come and if those sentiments remain important.

#WonderOakwood

We could ignore this responsibility or our community's legacy. We could ignore the shoulders of the giants who keep us elevated.

#WhyOakwood

We are a community of curious, collaborative and courageous leaders. We do not wait for things to happen to us - we are proactive and forward thinking. We seek the best understanding, results, outcomes.

#ChallengeOakwood

We strive to make important decisions upon the best data, information and resources. We seek “dream teams” to accomplish these objectives and to yield trust, credibility and reliance.

#StrategicOakwood

This process intends to gather, inform and present the relevant and material data for our community to determine its next 50 years. No more. No less. No presumptions.

#WeAreOakwood

Design Team

Ruetschle Architects - Mike Ruetschle
Emersion Design - Christie Boron
Fanning Howey - Steve Wilczynski & Terry Liette

OAKWOOD CITY SCHOOLS: Community Meeting #1

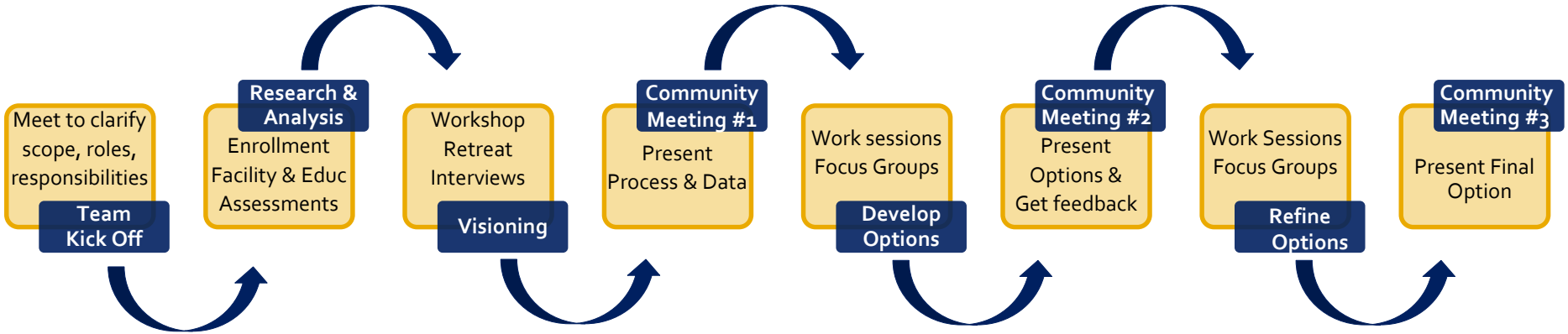
#OneOakwood

RUETSCHLE | eMERSion DESIGN | FANNING HOWEY

HOW DO WE GET THERE?

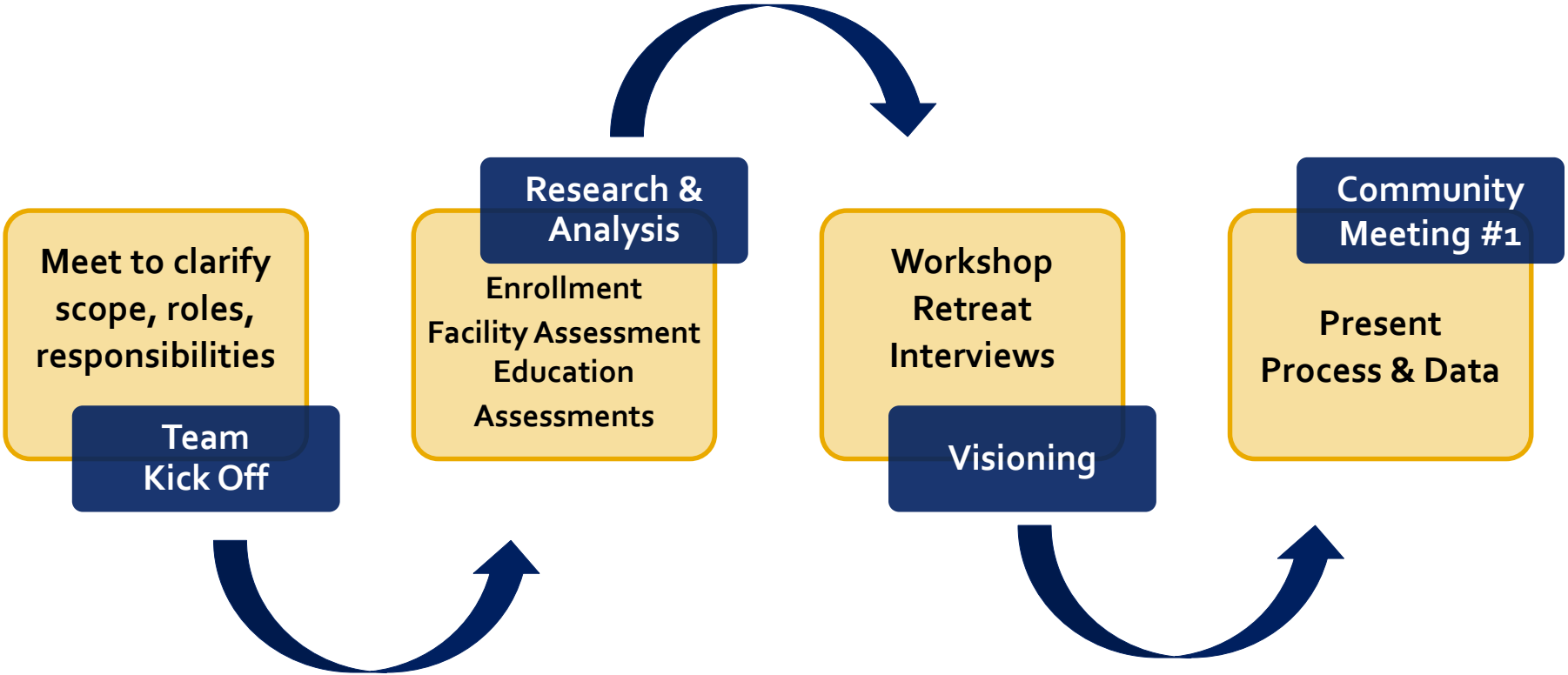
process

MASTER PLAN PROCESS... OAKWOOD CITY SCHOOLS



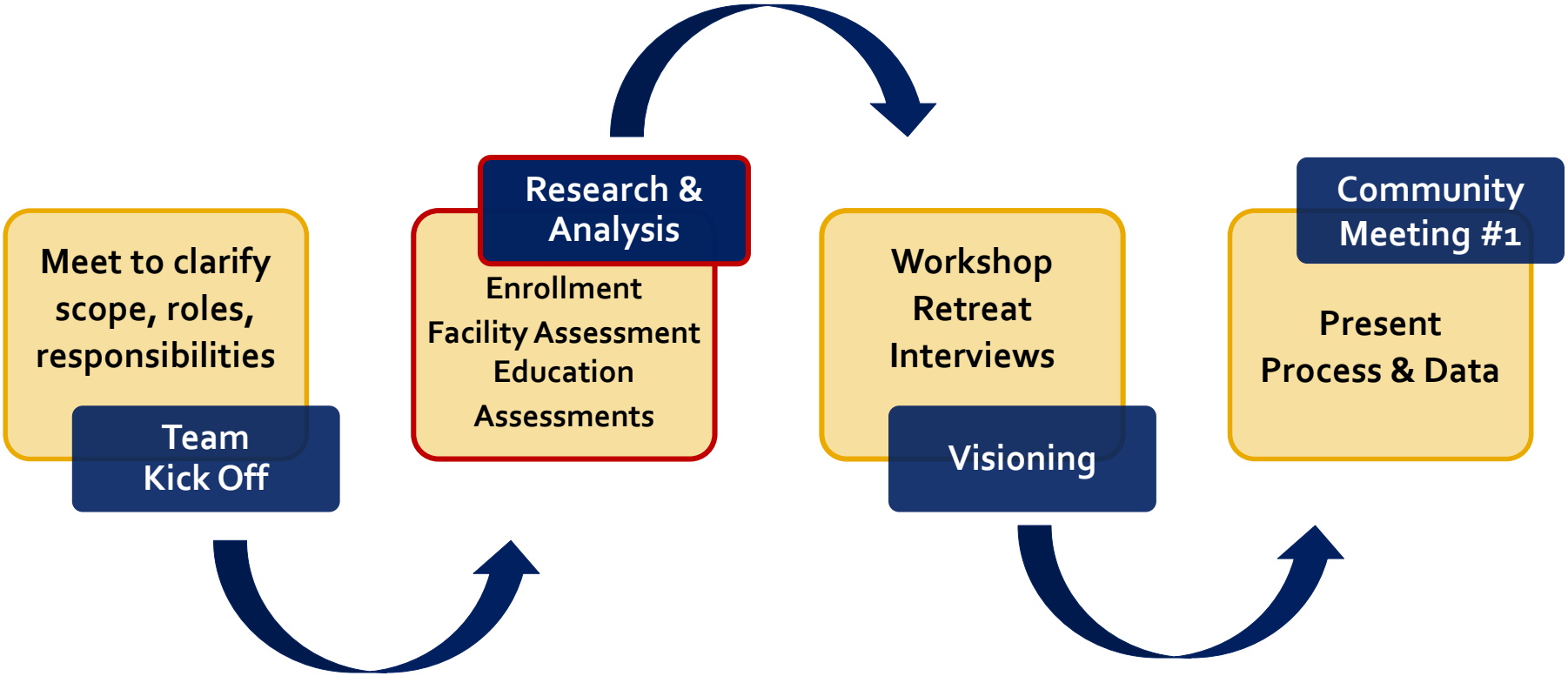
process

MASTER PLAN PROCESS... OAKWOOD CITY SCHOOLS



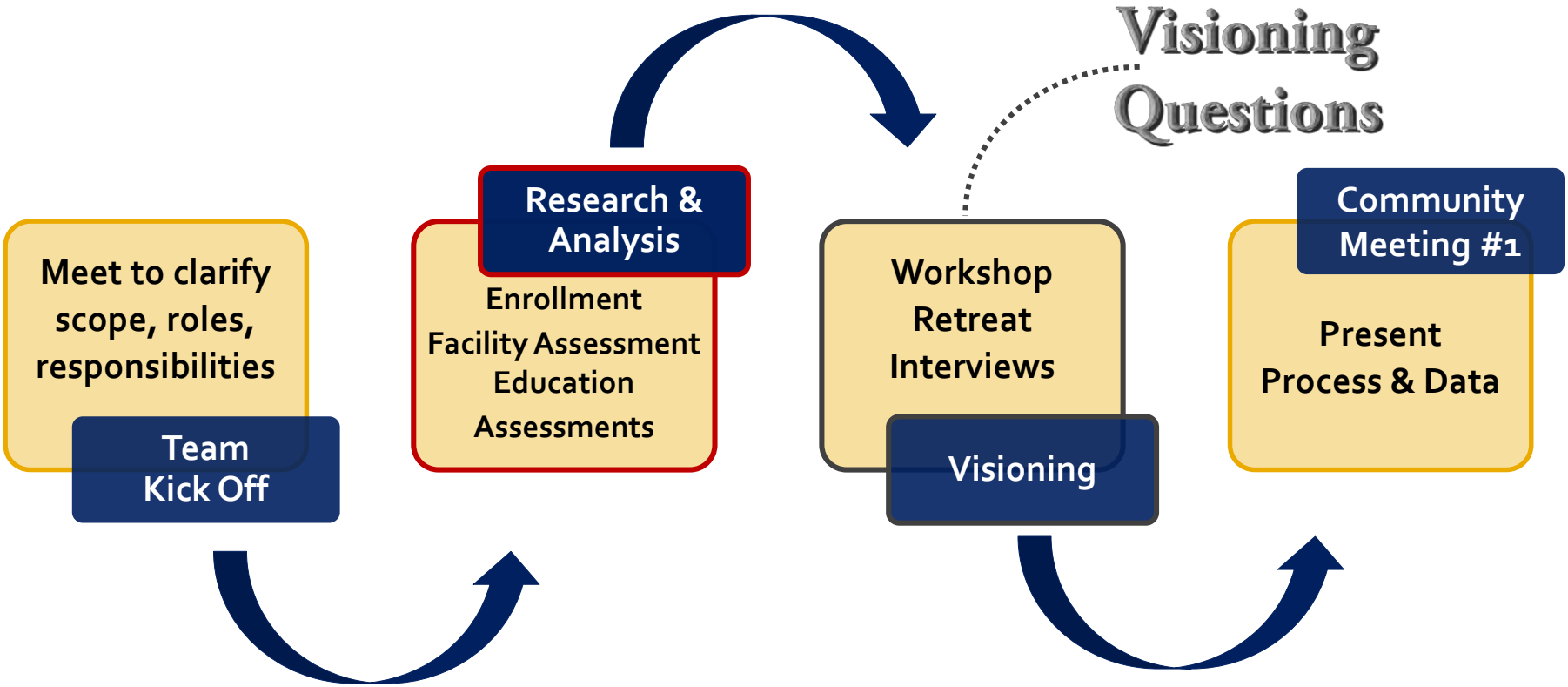
process

MASTER PLAN PROCESS... OAKWOOD CITY SCHOOLS



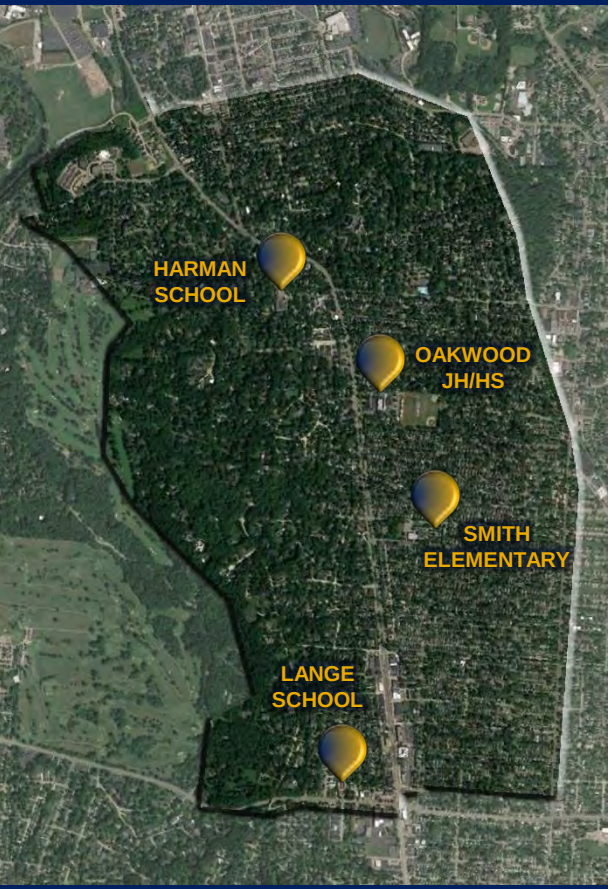
process

MASTER PLAN PROCESS... OAKWOOD CITY SCHOOLS



EDUCATIONAL ASSESSMENTS

OCS EDUCATIONAL ASSESSMENTS



Goal is to evaluate how the school facility supports or impedes the ability to deliver your educational curriculum in the most effective way.

6 DIFFERENT CATEGORIES

Safety & security

Environment

Plant maintainability

Site

Systems

Ed Adequacy

100+ ATTRIBUTES ASSESSED

Space evaluation – size, #, type, location

Student centered sustainability – lighting, air quality, acoustics, thermal comfort

Technology

Furniture

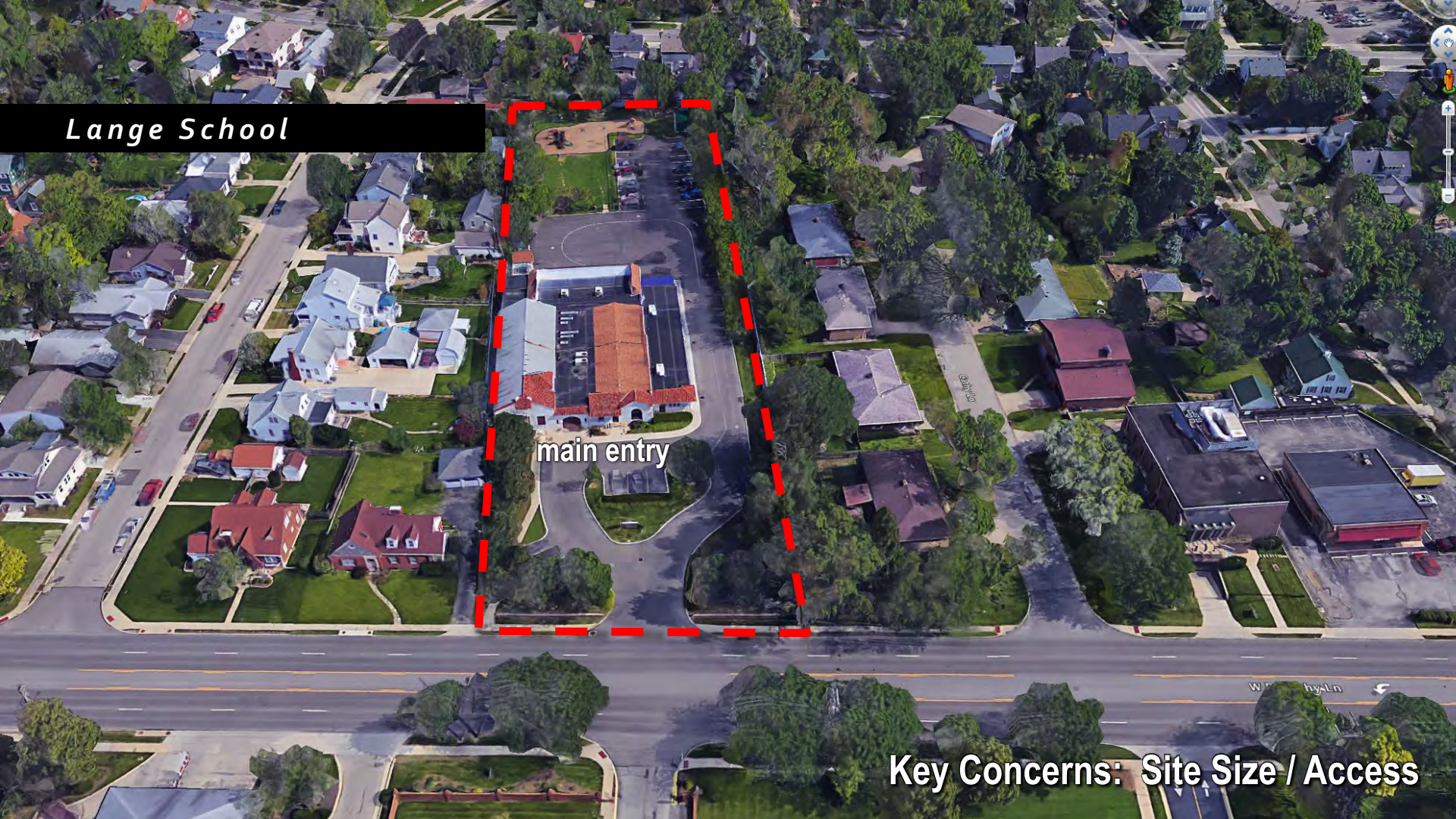
KEY ATTRIBUTES / KEY CONCERNS

Lange School

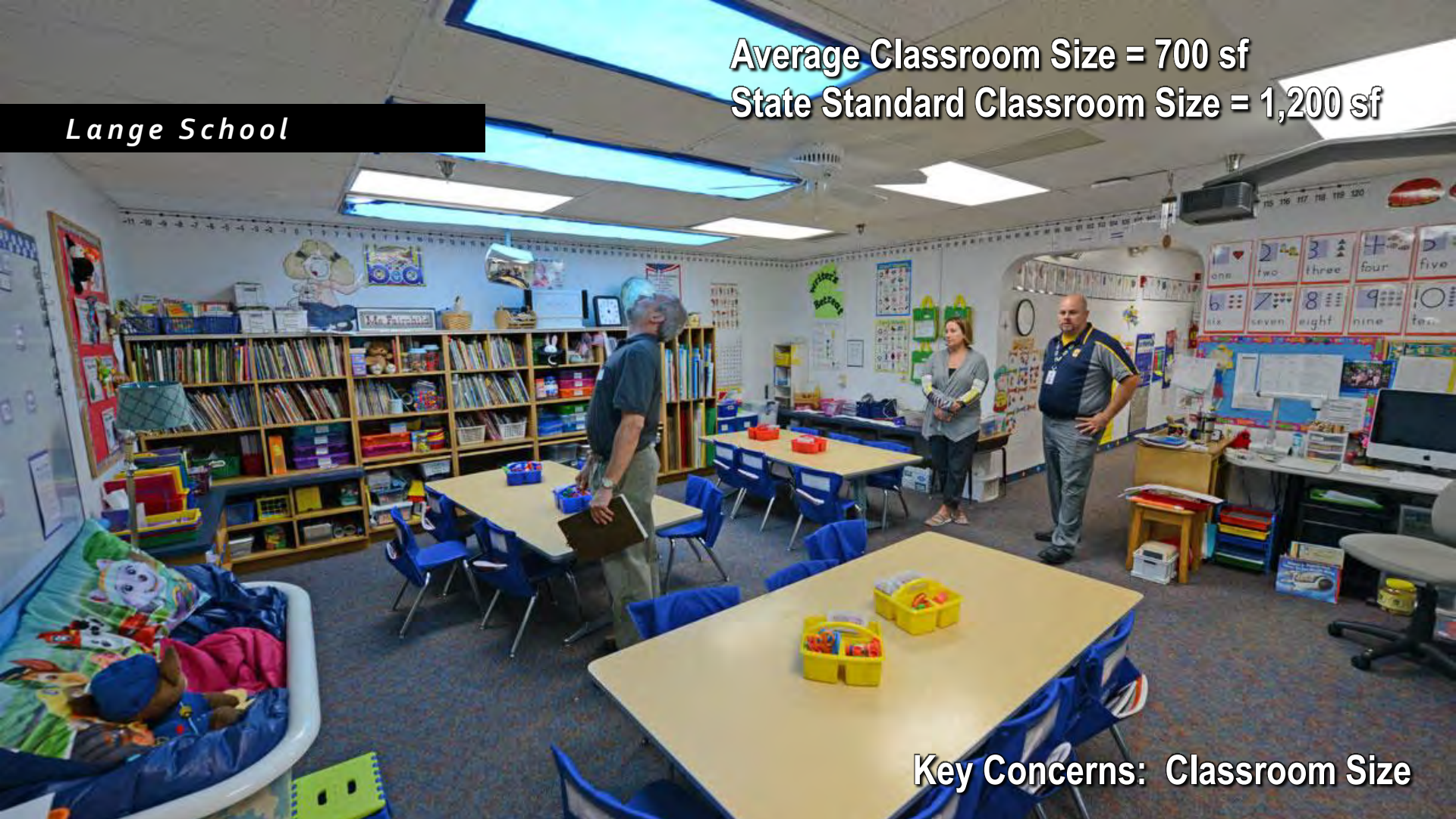
Key Attributes: “The Lange Experience”

Lange School
Key Attributes: Energetic and Child Centric

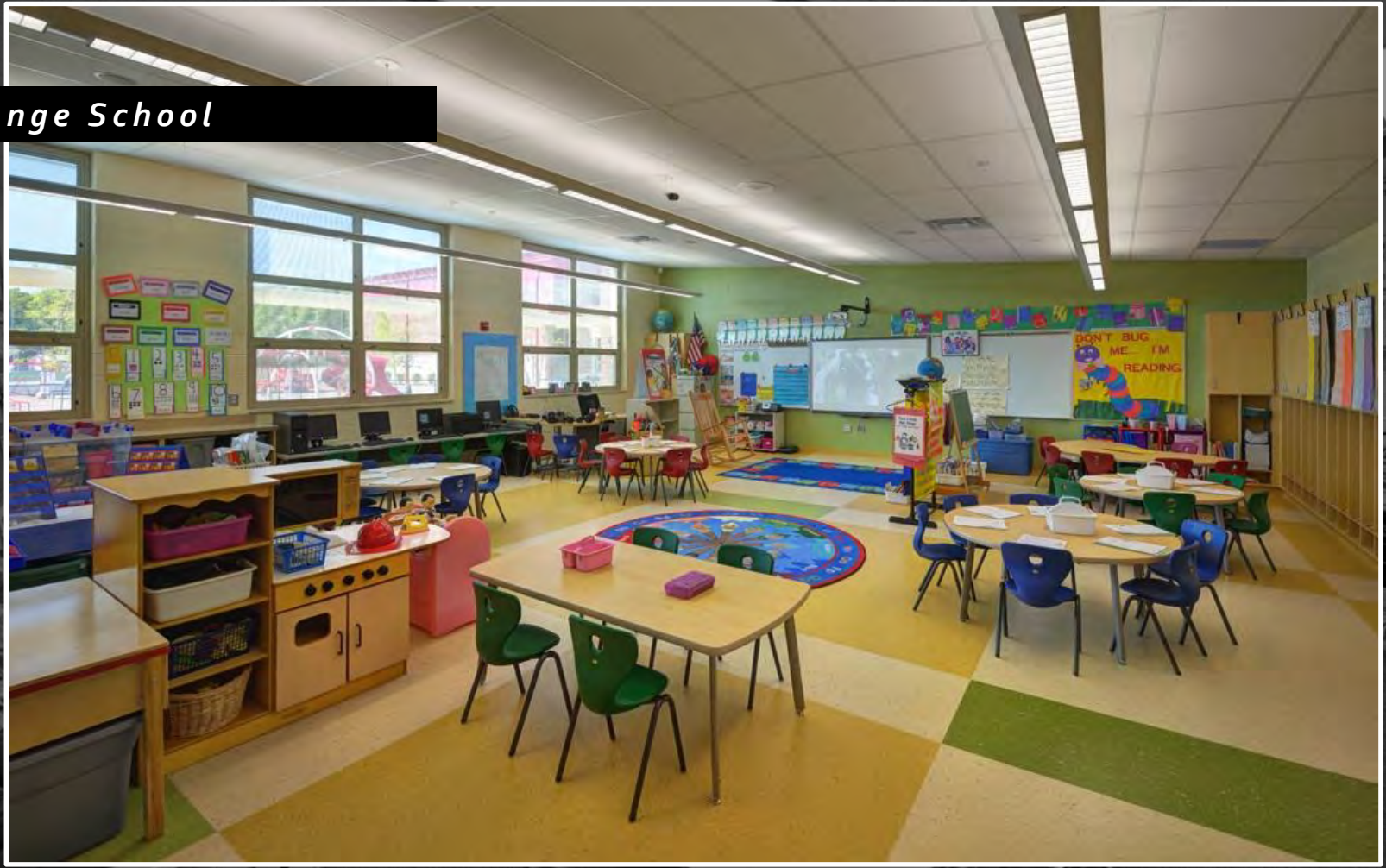
Lange School
September
DAYS
Today is
Thursday
Wednesday
Friday
Key Attributes: Unintimidating and Nurturing


Lange School
main entry
Key Concerns: Site Size / Access

Lange School
Key Concerns: Main Entry Security


Lange School
Average Classroom Size = 700 sf
State Standard Classroom Size = 1,200 sf
Key Concerns: Classroom Size

Lange School



Lange School
Key Concerns: PE / Music / Student Dining

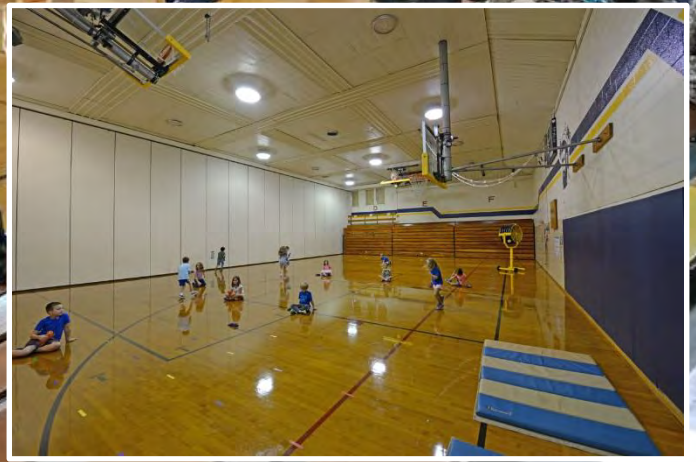
Lange School

Key Concerns: Outdoor Learning Environment

Smith Elementary
Aberdeen Ave
Telford Ave
Key Attributes: Site Location / Access / Wright Library

Smith Elementary
Key Attributes: Architectural Character

Smith Elementary



Key Attributes: Gym Size / Flexibility

Smith Elementary
Key Attributes: Art Room

Smith Elementary
Key Attributes: Music Room

Smith Elementary
Key Attributes: Library

Smith Elementary

Smith Elementary
Key Concerns: Varied size spaces to accommodate large group and small group learning

Smith Elementary
EXIT
EXIT
Off to School!
Key Concerns: Cafeteria Size

Smith Elementary
Key Concerns: ADA Issues

Harman Elementary

Key Attributes: Character / History / Warm and Welcoming Environment

Average Classroom Size = 750 sf
State Standard Classroom Size = 900 sf
Harman Elementary
READ
2C
Key Attributes: Classroom Size

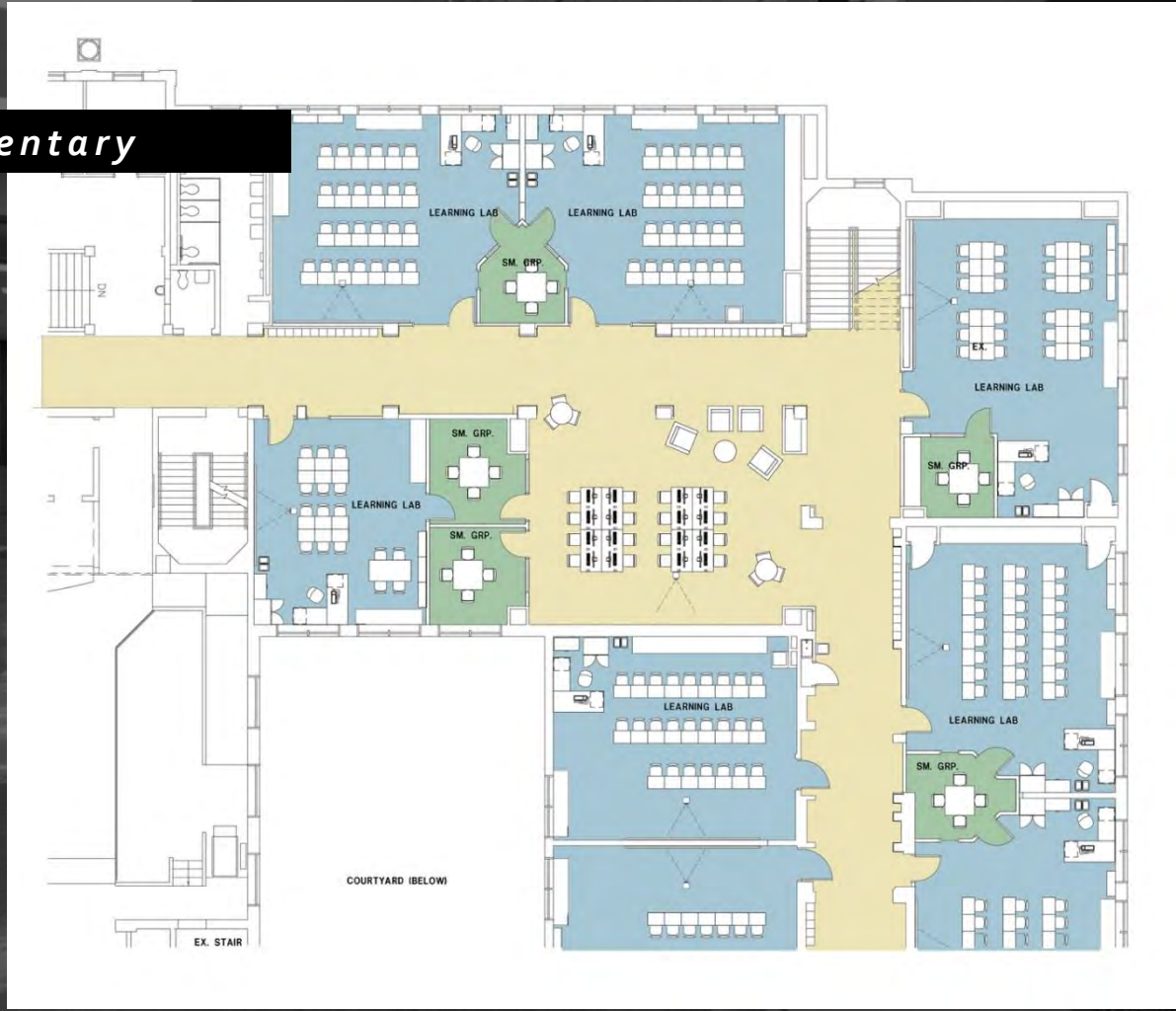
Harman Elementary
Key Attributes: Classroom Storage

Harman Elementary
Key Attributes: Dedicated Performance Space

Harman Elementary
Key Concerns: Site Size / Circulation / Access

Harman Elementary
i can
achieve
anything
Key Concerns: Varied size spaces to accommodate large group and small group learning

Smith Elementary



Smith Elementary

Harman Elementary
Existing Size = 2,026 sf
State Standard Size = 4,000 sf
HARMAN
Key Concerns: Gym Size

Harman Elementary
Existing Size = 1,514 sf
State Standard Size = 3,000 sf
Key Concerns: Cafeteria Size

Harman Elementary
Key Concerns: Playground Accessibility

Harman Elementary
Key Concerns: Administrative Area

Oakwood JH / HS
OAKWOOD HIGH SCHOOL
Key Attributes: Iconic frontage on Far Hills

Oakwood JH / HS
Key Attributes: Warm and Welcoming Environment

Oakwood JH / HS
Key Attributes: History

Oakwood JH / HS

Key Attributes: Character

Oakwood JH / HS
Key Attributes: Library

Oakwood JH / HS
Key Attributes: Dedicated Performance Space

Oakwood JH / HS
OAKWOOD
Harman Blvd
E Schantz Ave
Far Hills Ave
Dellwood Ave
48
Key Concerns: Site Access

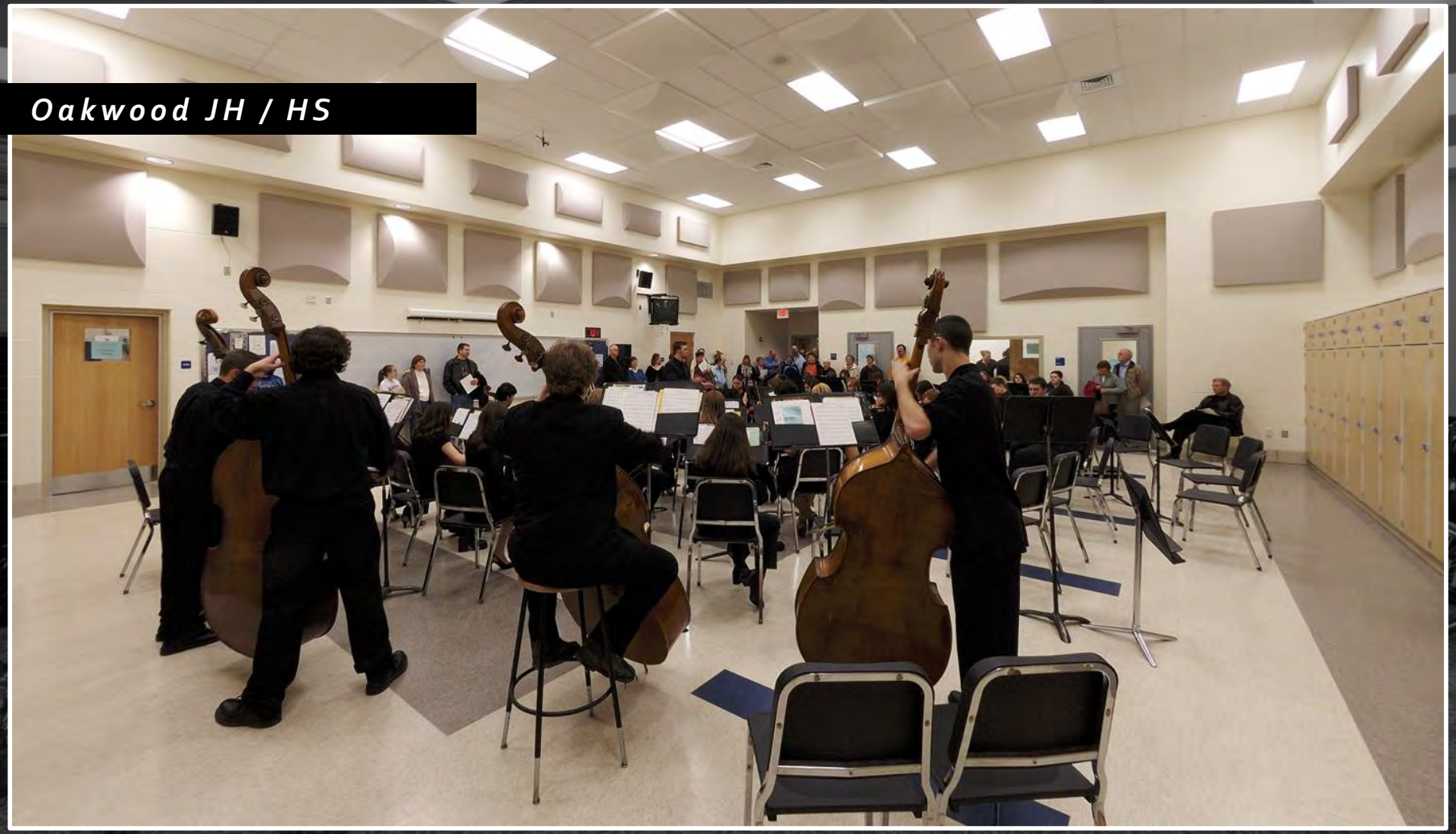
Oakwood JH / HS
Average JH Classroom Size = 600 sf
State Standard Classroom Size = 900 sf
Key Concerns: JH Classroom Size

Oakwood JH / HS
EXIT
Key Concerns: Varied size spaces to accommodate large group and small group learning

Oakwood JH / HS
Key Concerns: Varied size spaces to accommodate large group and small group learning

Oakwood JH / HS
Key Concerns: Band Room (Size / Volume / Treatment)

Oakwood JH / HS
Key Concerns: Choir Room (Size / Volume / Treatment)


Oakwood JH / HS

Oakwood JH / HS
Key Concerns: Art Room

Oakwood JH / HS

Oakwood JH / HS
Key Concerns: Limited Points of Sale

Oakwood JH / HS
Existing Size = 2,600 sf
State Standard Size = 6,000 sf
Key Concerns: Cafeteria

Oakwood JH / HS
Key Concerns: Cafeteria

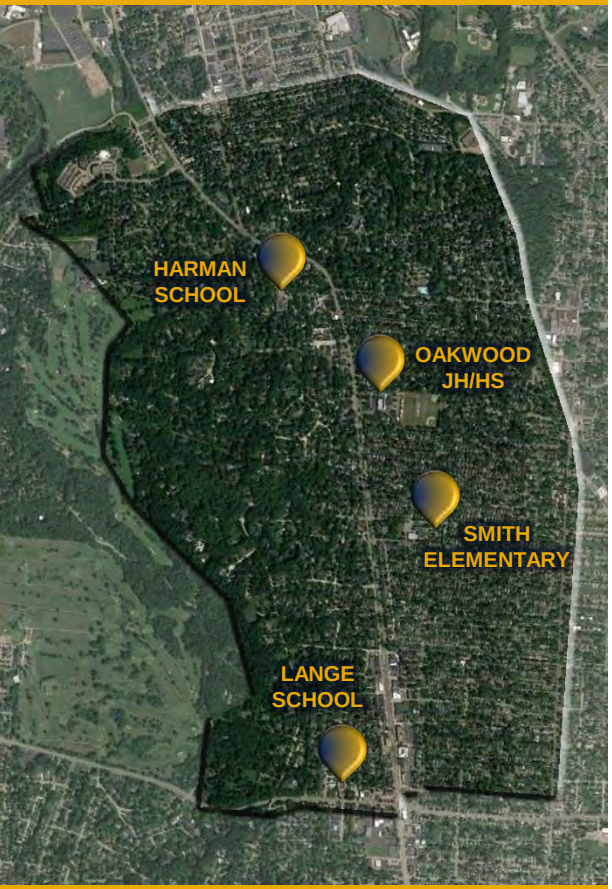
Oakwood JH / HS
OAKWOOD
WELCOME
Key Concerns: Gym Size / Accessibility

Oakwood JH / HS

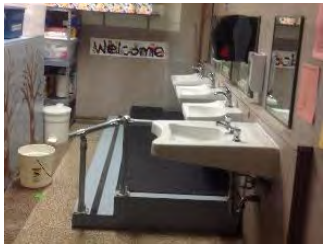
Oakwood JH / HS
Key Concerns: Window AC Units

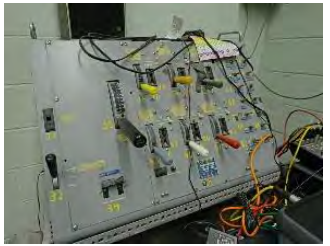
PHYSICAL ASSESSMENTS

OCS FACILITY ASSESSMENTS



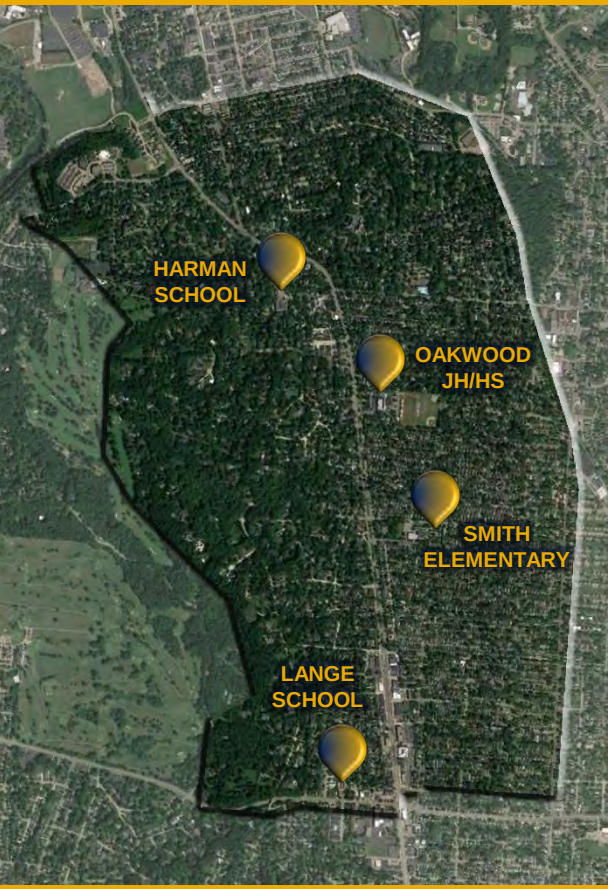
50 DIFFERENT SYSTEMS ASSESSED BY ARCHITECTS AND ENGINEERS





OCS FACILITY ASSESSMENTS

Cost to maintain over time



Facility	thru 5-yrs	thru 10-yrs	thru 20-yrs
Lange School: 1922 orig	$1.8 M	$3.1 M	$3.7 M
Smith Elementary: 1929 orig	$7.5 M	$13.1 M	$16.4 M
Harman School: 1908 orig	$7.1 M	$12.3 M	$16.1 M
Oakwood JH/HS: 1924/1932 orig	$16.2 M	$24.4 M	$34.9 M
Mack Hummon Field	$1.3 M	$1.8 M	$2.1 M
District Total	**$33.8 M**	**$54.6 M**	**$73.1 M**

***The dollars allocated in this assessment are dollars spent solely addressing existing systems. These values do not include dollars for *value-added* projects**

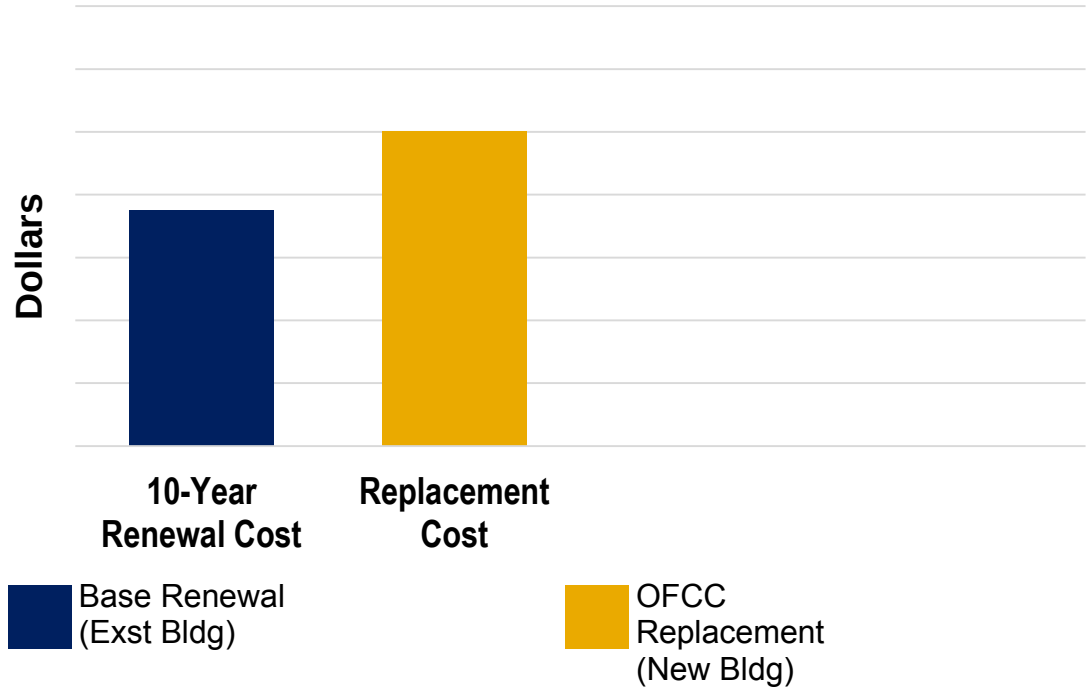
Potential Value-added projects to add to the ‘Cost to Maintain’ Number

- Sprinkler Systems throughout entire buildings
- Entire building central air
- Improved Handicap accessibility
- Site circulation improvements
- Enhanced security systems
- LED lighting
- Power upgrades
- Creating larger, flexible and varied teaching spaces
- Creating collaborative and community spaces

RENEWAL INDEX %

How much will we spend to maintain our buildings over time compared to the cost to build a new building of the same size?

$$RI(\%) = \frac{\text{Cost to Maintain}}{\text{Cost to Build New}}$$



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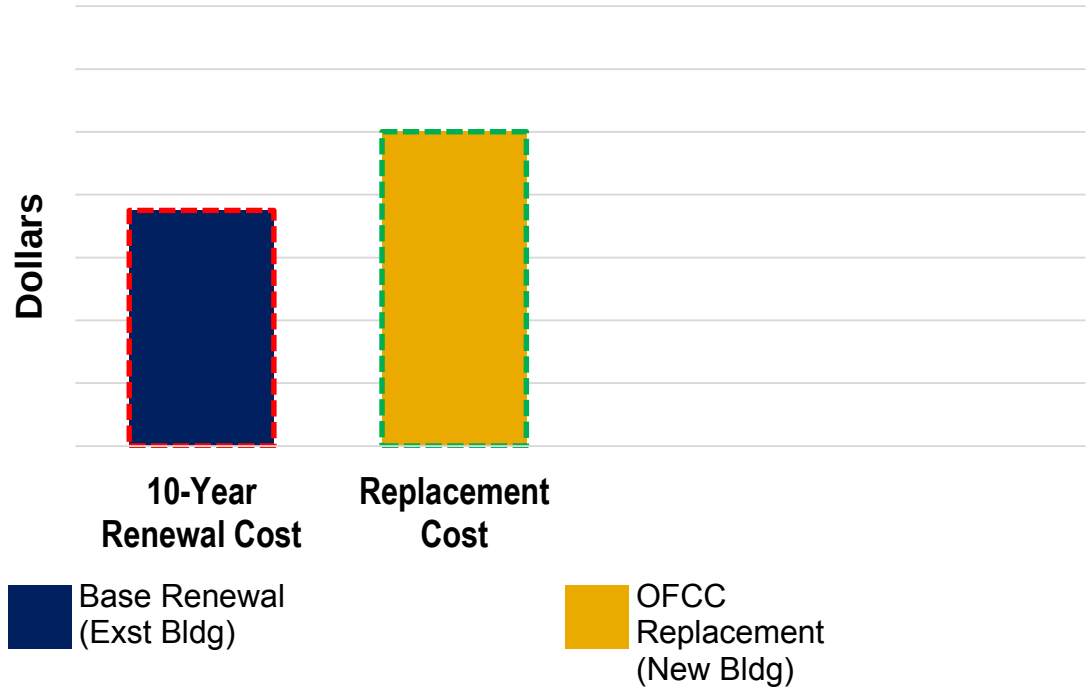

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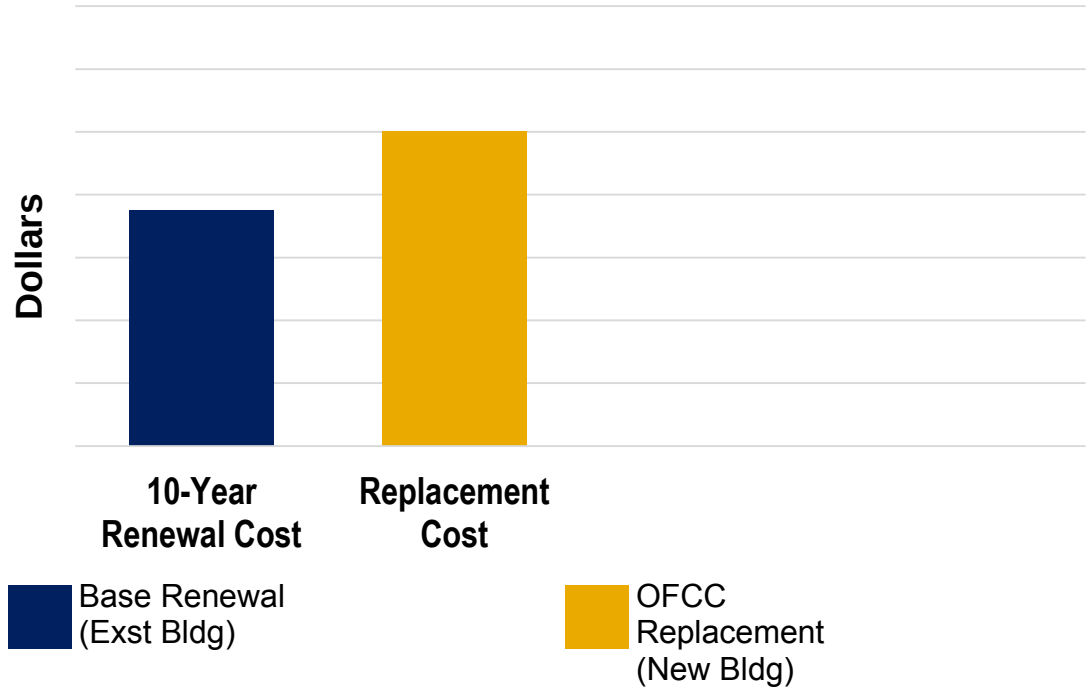

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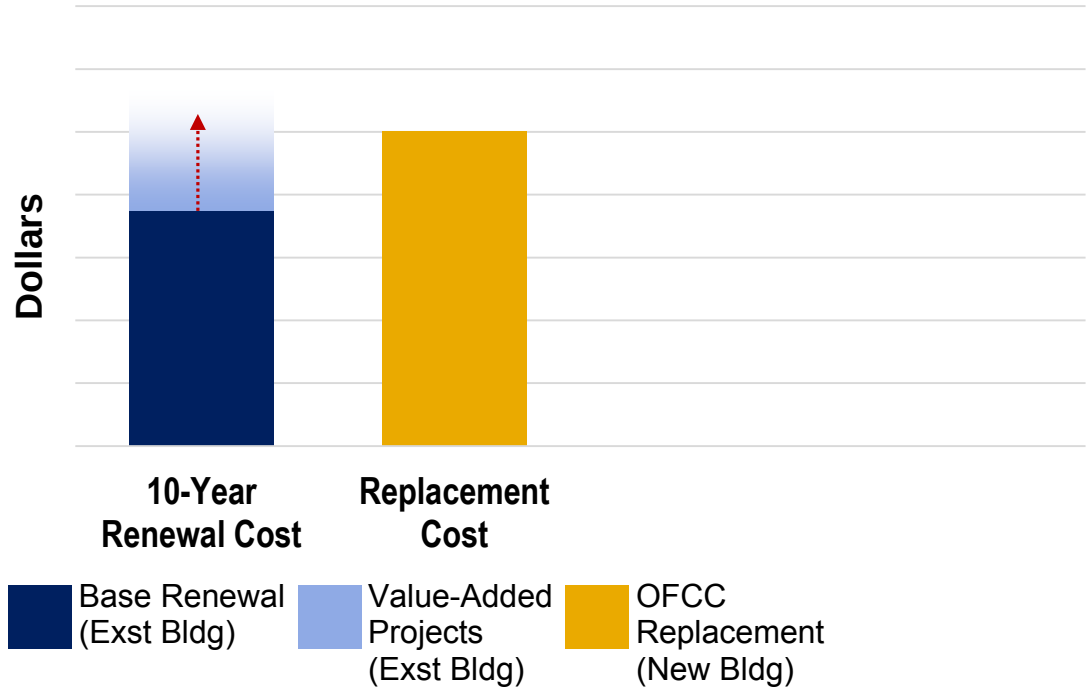

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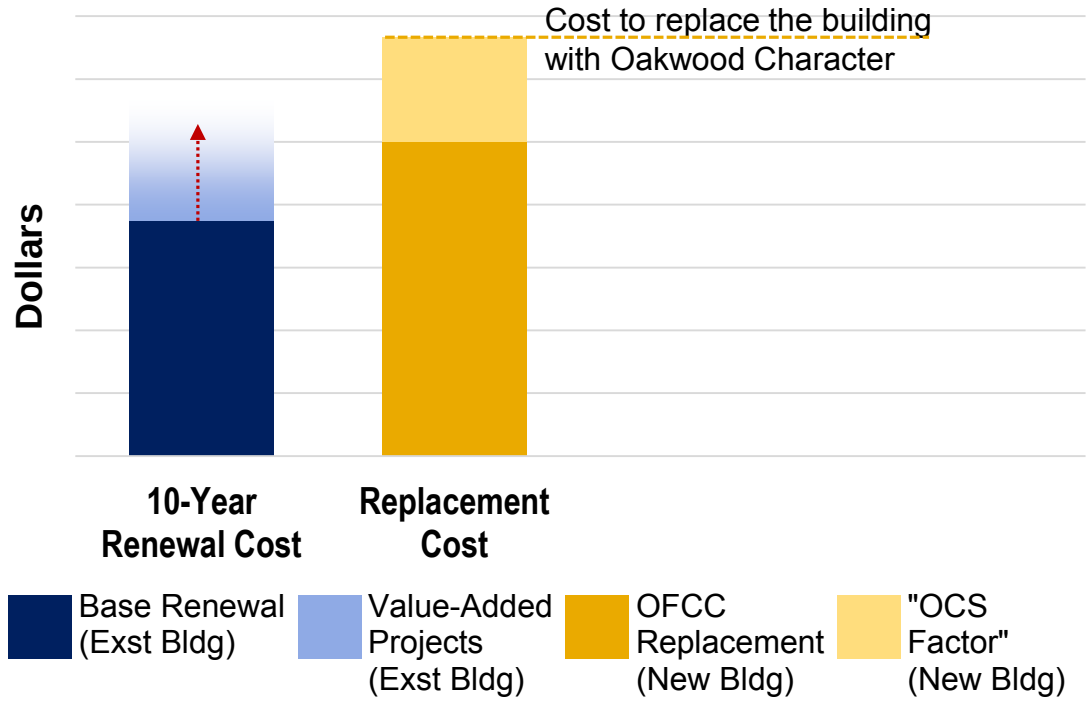

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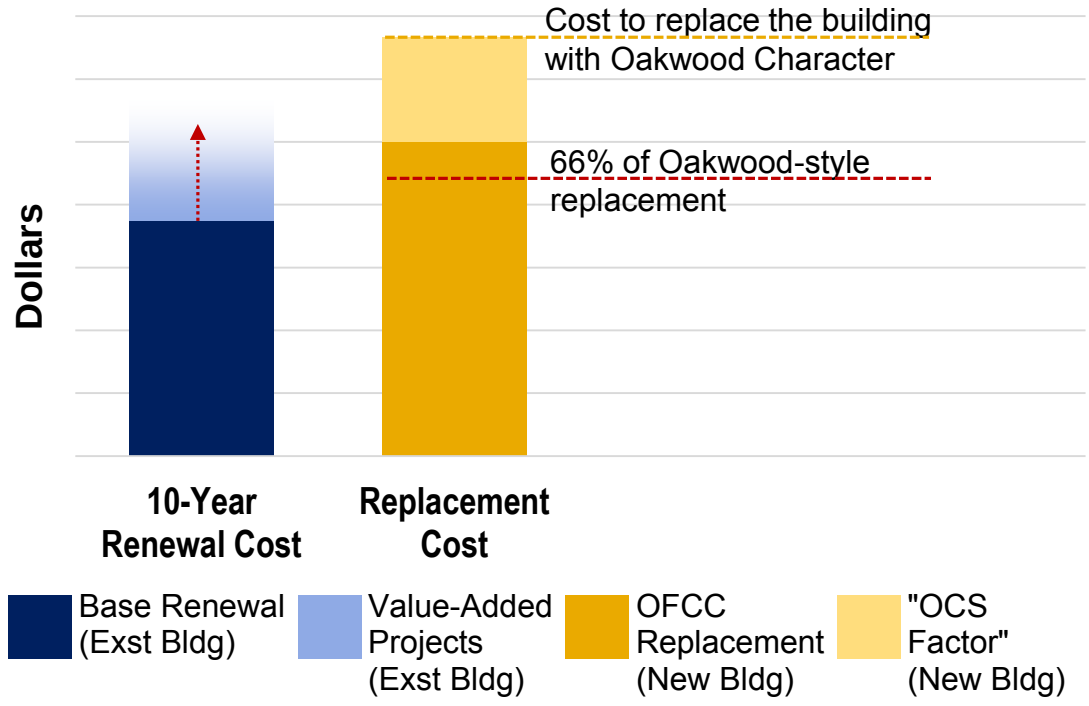
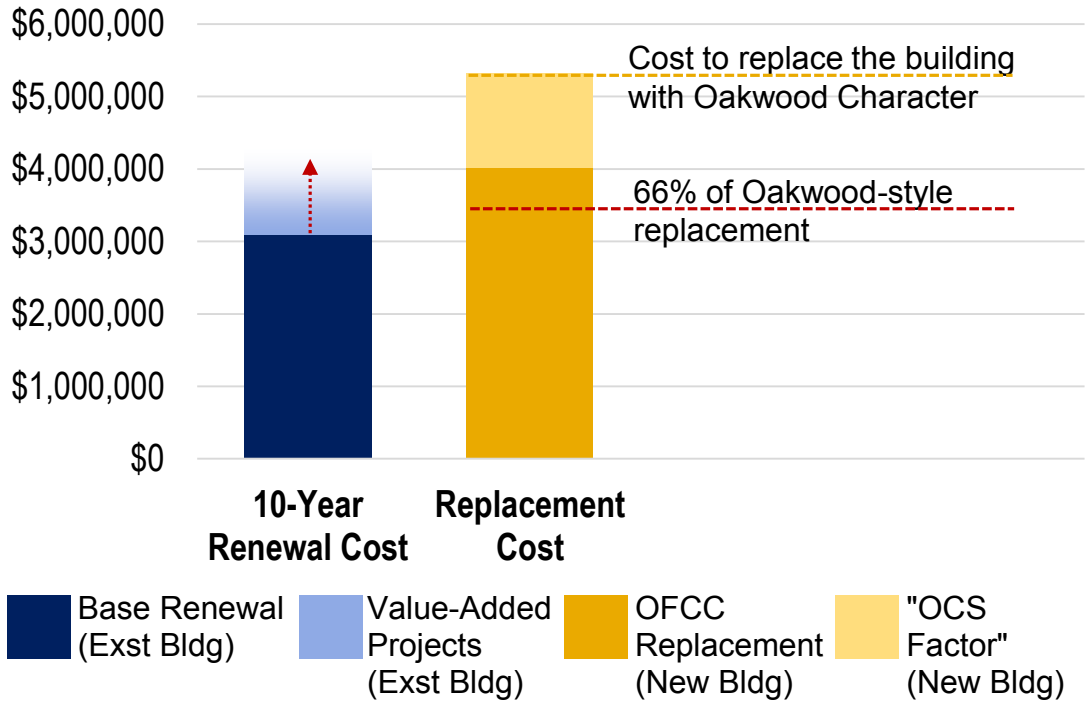


LANGE SCHOOL

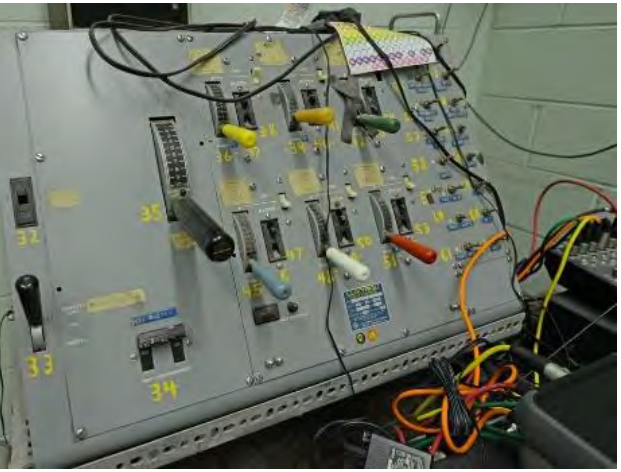
Replacement Cost = $5.3 M

Facility	thru 5-yrs	thru 10-yrs	thru 20-yrs
Lange School: 1922 orig	$1.8 M	$3.1 M	$3.7 M
Renewal Index *(w/out Value-added)*	33% RI	58% RI	70% RI

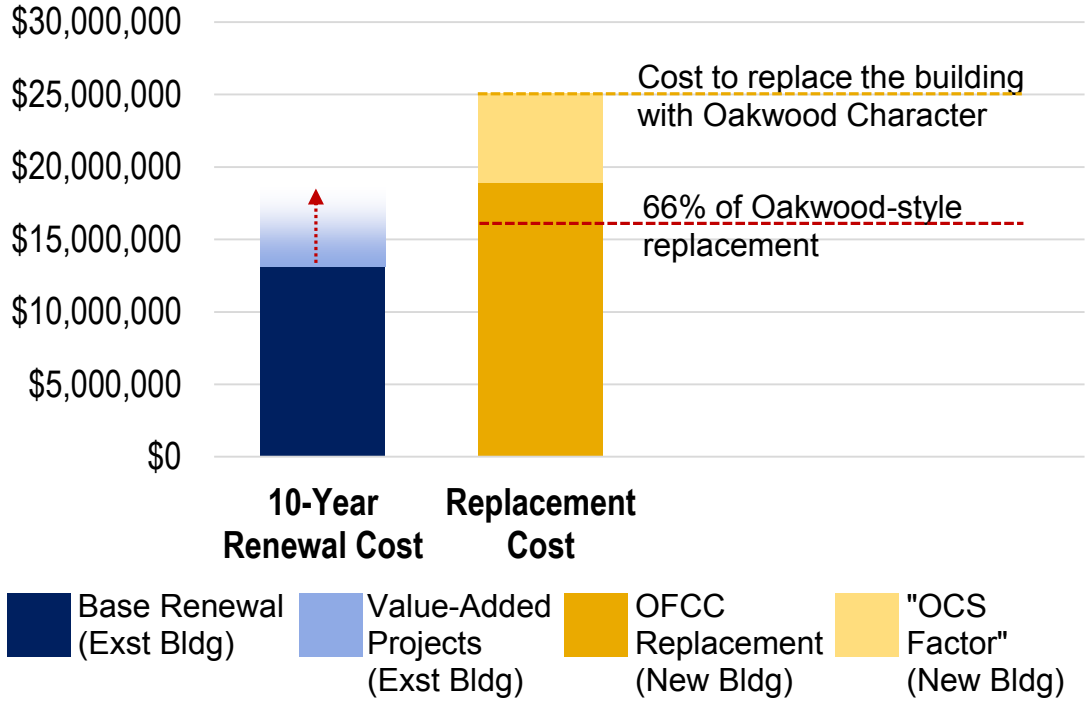


SMITH ELEMENTARY SCHOOL

Replacement Cost = $25.1 M



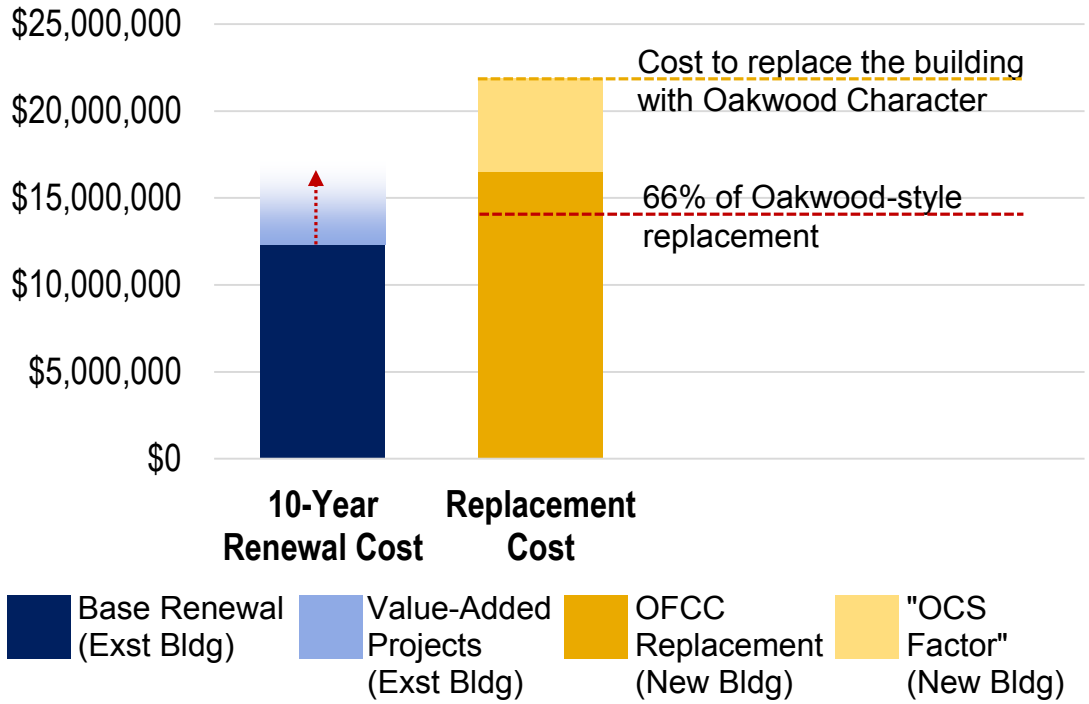
Facility	thru 5-yrs	thru 10-yrs	thru 20-yrs
Smith Elementary: 1929 orig	$7.5 M	$13.1 M	$16.4 M
Renewal Index *(w/out Value-added)*	30% RI	52% RI	65% RI



HARMAN SCHOOL

Replacement Cost = $21.9 M

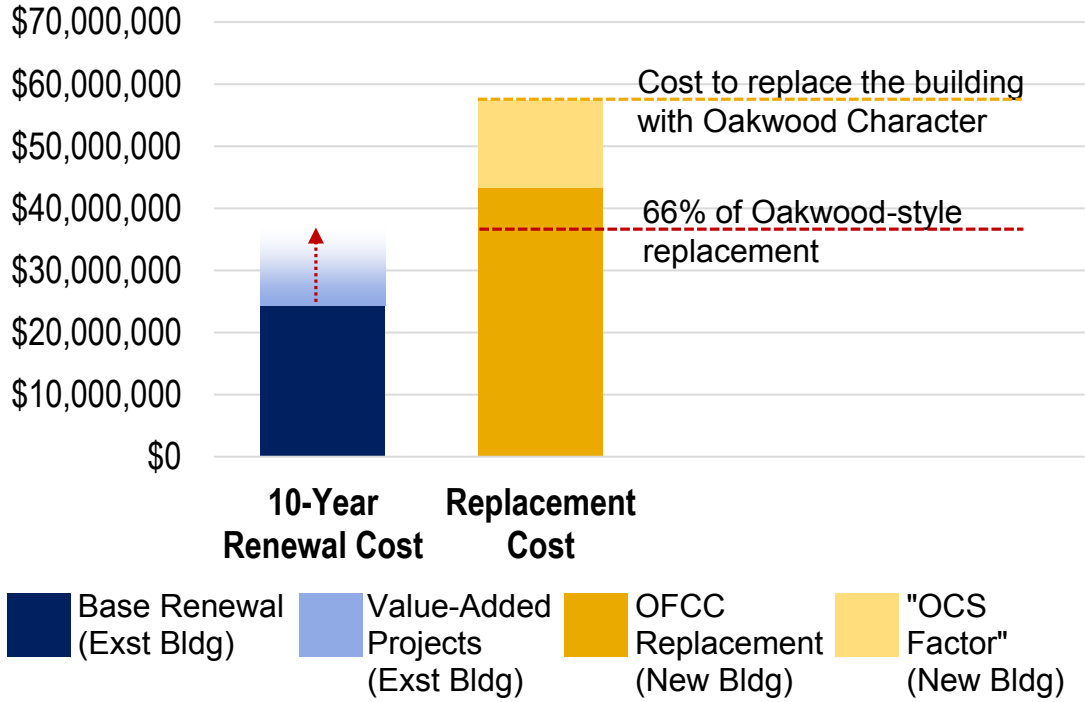
Facility	thru 5-yrs	thru 10-yrs	thru 20-yrs
Harman School: 1908 orig	$7.1 M	$12.3 M	$16.1 M
Renewal Index *(w/out Value-added)*	32% RI	56% RI	74% RI



OAKWOOD JH/HS

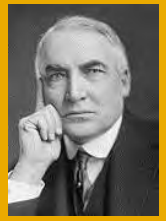
Replacement Cost = $57.5 M

Facility	thru 5-yrs	thru 10-yrs	thru 20-yrs
Oakwood JH/HS: 1924/1932 orig	$16.2 M	$24.4 M	$34.9 M
Renewal Index *(w/out Value-added)*	28% RI	42% RI	60% RI

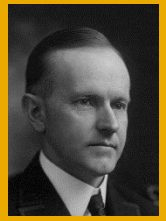


OAKWOOD CITY SCHOOLS

Theodore Roosevelt
1901-1909



Warren G. Harding
1921-1923



Calvin Coolidge
1923-1929

Herbert Hoover
1929-1933

Facility	thru 5-yrs	thru 10-yrs	thru 20-yrs
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Replacement Cost = $21.9 M	32% RI	56% RI	74% RI
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Replacement Cost = $57.5 M	28% RI	42% RI	60% RI
Mack Hummon Field	$1.3 M	$1.8 M	$2.1 M
District Total	**$33.8 M**	**$54.6 M**	**$73.1 M**

ENROLLMENT

OAKWOOD CITY SCHOOLS

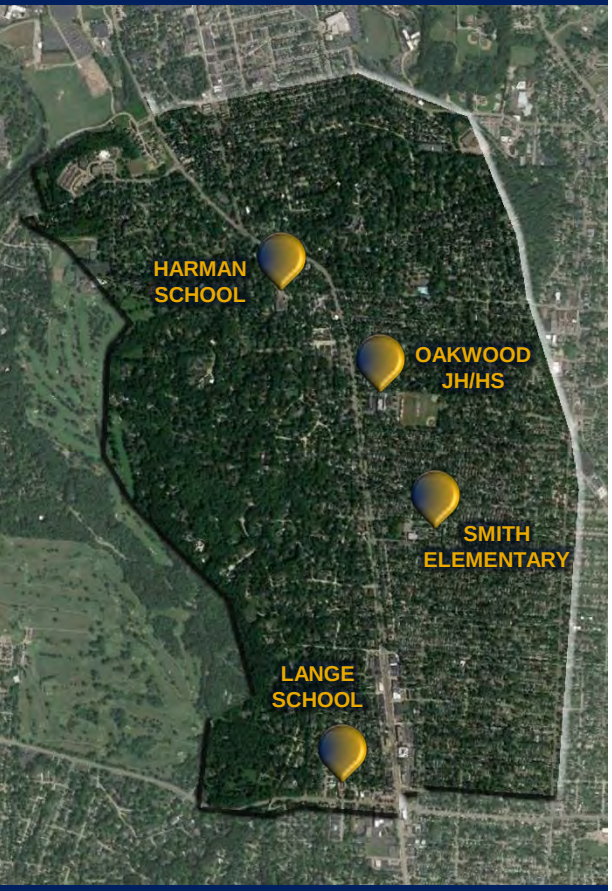
Previous Enrollment

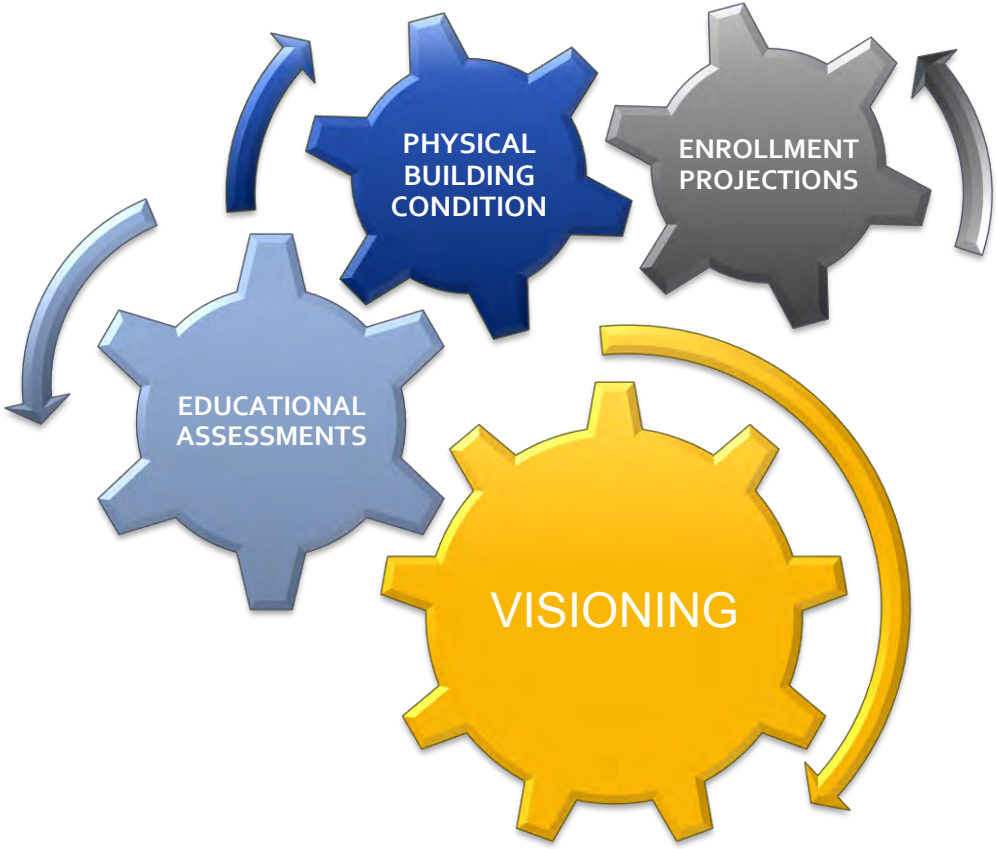
Grade	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18
PS	55	64	56	48	49	60	59	59	62	55	52
K	139	137	121	119	117	121	129	119	115	147	111
1	159	158	138	146	130	131	131	136	120	126	159
2	174	165	163	145	150	139	129	134	139	117	130
3	157	181	163	165	144	152	143	139	141	142	122
4	167	162	184	173	169	151	144	146	147	141	146
5	178	179	167	187	178	159	153	150	152	149	145
6	168	184	175	159	185	186	164	160	158	161	156
7	170	166	186	182	157	182	187	180	161	161	164
8	171	180	165	185	178	163	189	189	185	166	165
9	177	167	176	168	176	180	165	198	183	187	169
10	157	179	168	176	164	178	178	169	191	191	189
11	169	154	176	162	151	154	157	165	146	172	171
12	148	174	152	182	156	154	160	166	166	148	177
Other	0	0	1	0	22	21	21	27	39	45	40
Total	2189	2250	2191	2197	2126	2131	2109	2137	2105	2108	2096
Change		61	-59	6	-71	5	-22	28	-32	3	-12

2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27
52	52	48	52	56	56	56	56	54	54
111	121	111	133	122	122	122	122	122	122
159	120	130	120	144	132	132	132	132	132
130	164	123	134	123	147	135	135	135	135
122	134	169	127	138	127	153	140	140	140
146	124	137	173	130	142	130	156	143	143
145	150	128	141	178	134	145	134	160	147
156	152	156	133	147	186	140	152	140	167
164	159	154	159	136	150	189	142	154	142
165	168	162	158	163	139	153	193	145	158
169	167	170	164	160	165	140	155	196	147
189	170	169	171	166	161	166	141	156	197
171	168	151	150	153	148	143	148	126	139
177	175	172	155	154	156	151	147	151	129
40	41	41	40	47	50	50	48	50	53
2096	2065	2021	2010	2017	2015	2005	2001	2004	2005
-12	-31	-44	-11	7	-2	-10	-4	3	1

PUTTING IT ALL TOGETHER

The Whole Picture





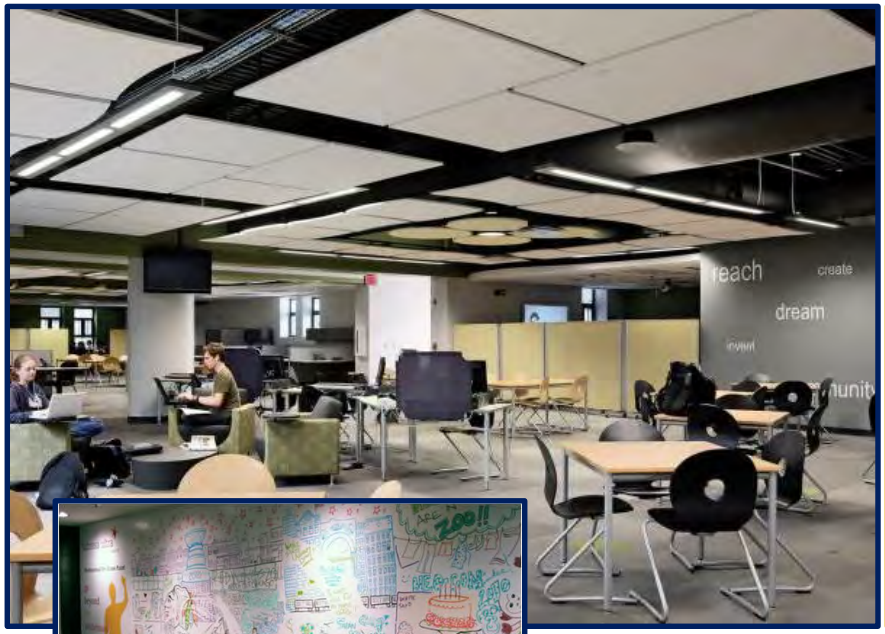
21.5 C SCHOOL DESIGN

21.5 C SCHOOL DESIGN… RICH AND STIMULATING ENVIRONMENT

respect tradition ~ honor your past ~ be dependable ~ listen ~ believe in each other ~ be warm ~ encourage

21.5 C SCHOOL DESIGN… OWNERSHIP OF SPACE

pride ~ empower ~ self-advocacy ~ encourage creativity ~ build trust ~ cultivate independence while setting boundaries



21.5 C SCHOOL DESIGN… GLOBAL CONNECTION SPACE

Enables one to: raise awareness ~ start conversations ~ find answers (to THEIR questions) ~ join partners ~ change minds ~ make a difference ~ take action ~ drive change

21.5 C SCHOOL DESIGN… BE ADAPTIVE

provide flexibility ~ extended learning

21.5 C SCHOOL DESIGN... BE COLLABORATIVE

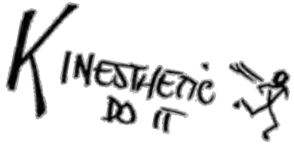
think ~ question ~ design ~ create ~ struggle ~ collaborate ~ try ~ solve ~ invent ~ reflect

21.5 C SCHOOL DESIGN... VISIBILITY

welcoming ~ accountability ~ observe ~ connections ~ leadership ~ collaborative curiosity ~ courage ~ peer 2 peer learning

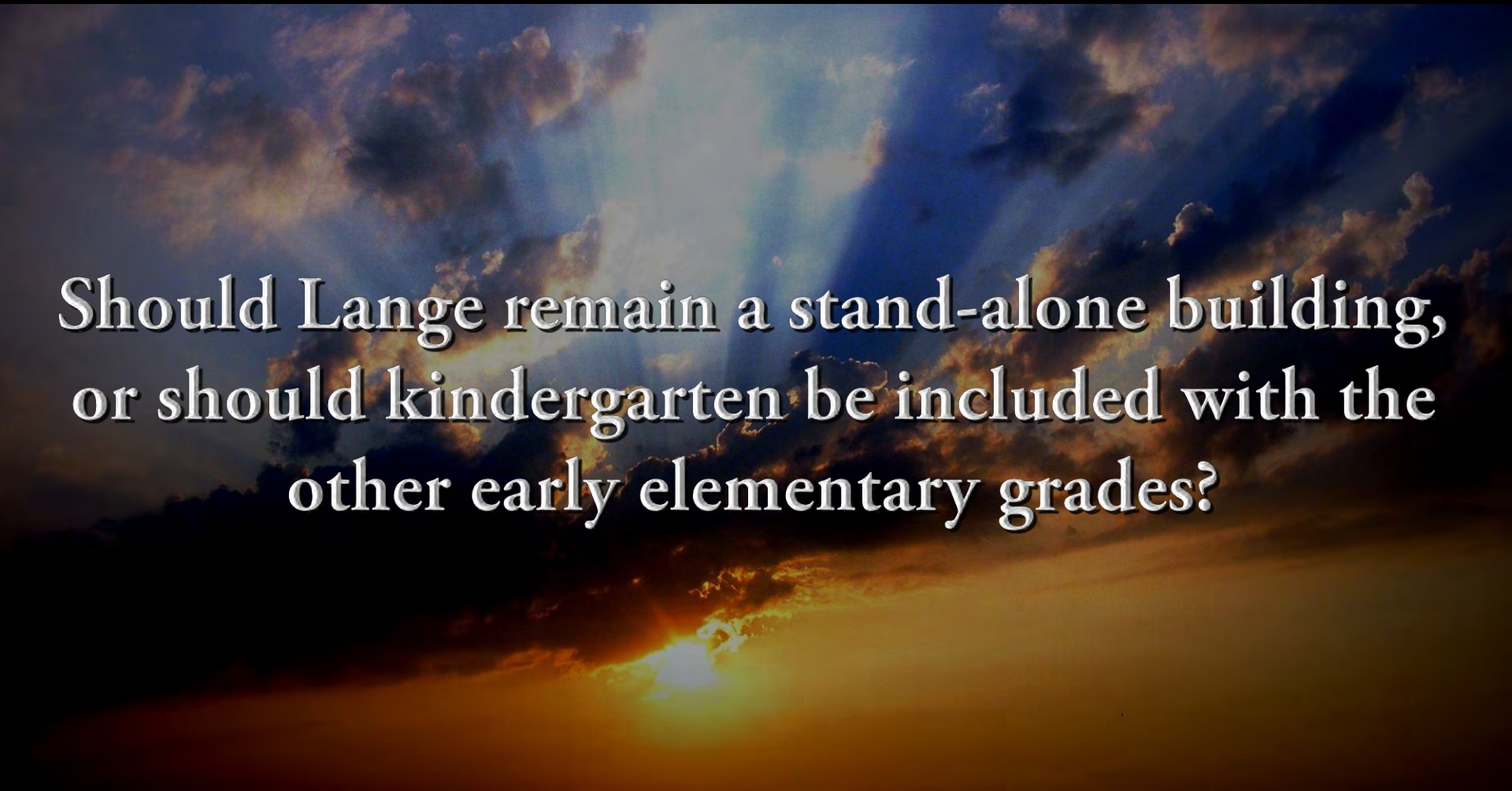
21.5 C SCHOOL DESIGN... EQUITABLE

classroom = equalizer ~ find their potential ~ success for ALL learners and ALL abilities

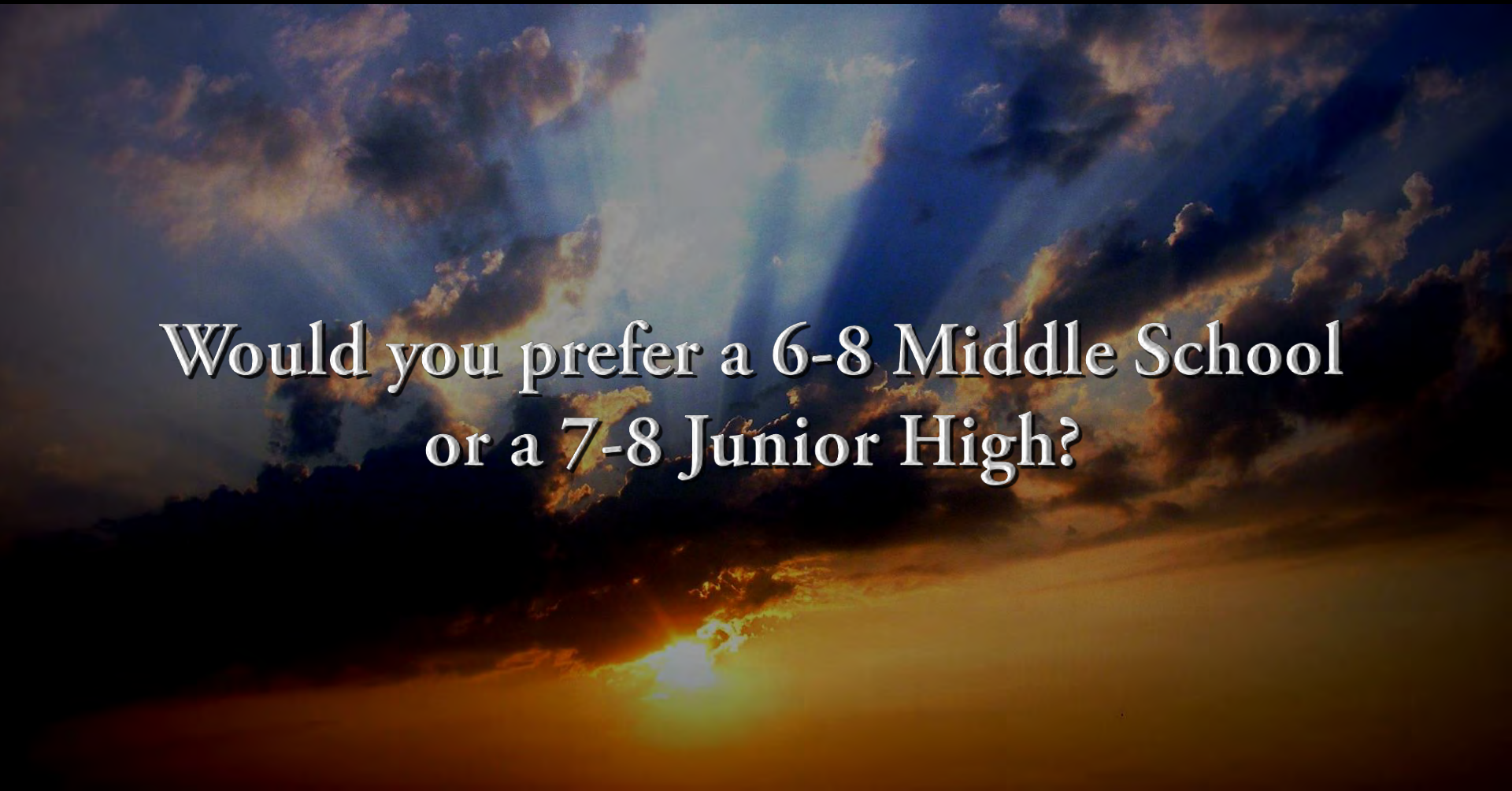


Clarification Questions?

Visioning Questions


Should Lange remain a stand-alone building,
or should kindergarten be included with the
other early elementary grades?

Would you support separate primary and
intermediate school buildings?

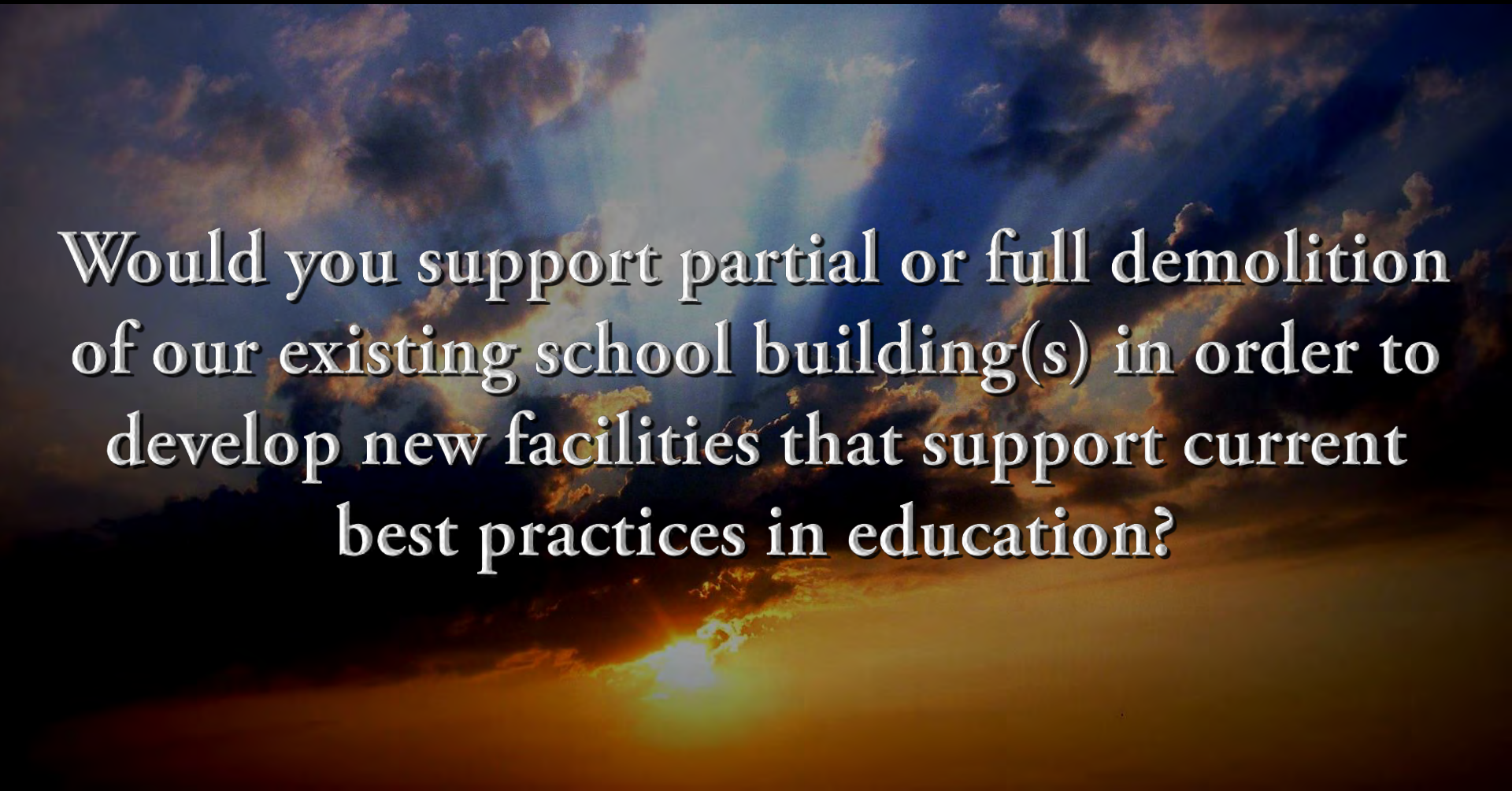

Would you prefer a 6-8 Middle School
or a 7-8 Junior High?

What do you think about having a single PK-12 campus?

What do you think about a new district performing arts center?

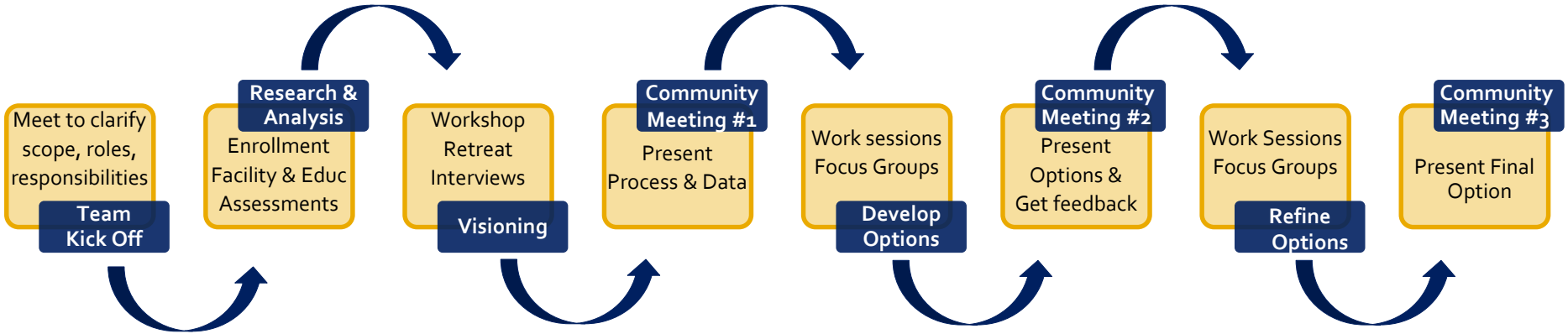
Would you support enhancements to our athletic facilities and/or the development of a new health & wellness center?

Would you support relocation of athletic fields and Mack Hummon stadium in order to address site constraint issues?


Would you support partial or full demolition of our existing school building(s) in order to develop new facilities that support current best practices in education?

process

MASTER PLAN PROCESS... OAKWOOD CITY SCHOOLS



BLUE AND GOLD SKY THINKING