Jersey Shore Area School District
Board of Education – Regular Meeting
Minutes of April 9, 2018

A. Opening

1. **Call to Order:** Mrs. Kelley Wasson, President, called the meeting to order at 7:00 p.m.

2. **Roll Call:**
Members Present: Mr. Craig Allen, Mr. Harry Brungard, Mr. Christopher Fravel, Mrs. Michelle Stemler, Mrs. Karen Stover, Mr. Merrill Sweitzer, Mr. John Pecchia, Mrs. Kelley Wasson and Dr. Jill Wenrich, Superintendent
Others Present: Christopher Kenyon, Esq., Solicitor, Benjamin Enders, Board Secretary, Dr. Kenneth Dady, Assistant Superintendent and Isabella Hale Student Representative
Members Absent: Mrs. Mary Thomas

3. **Pledge of Allegiance:** Led by Reagan Crawford and Dominic Dittmar, students representing Avis Elementary School.

B. Presentations

1. **Communications:** None

2. **President's Report:** Reminder of the Board Work Session scheduled for Wednesday, April 11, 2018, 7:00 p.m. at the Administration Building.

3. **Intermediate Unit Report:** None

5. **Superintendent's Report:**

   a. District-Wide Facility Study Update presentation - Crabtree, Rohrbaugh & Associates (Attachment)

C. Courtesy of the Floor:

Matt Branca-JS Boro – commented on decisions board has to make and respects them, worked in district short time at various buildings and saw dedicated employees that truly care, thanked the district for his children's education, has had good 10 year experience.
Colin Best-JS Boro – commented on school closings and budget cuts.
Doris Anderman-Crawford Twp. - thanked board for their time and commented on part time principals.
Jen Geary-JS Boro – commented on pulling son out of JSAE and bullying.
Robert Pryor-Mifflin Twp. – commented on the board's dedication, decisions that need to be made and small percentage of the budget that can be controlled.
Raye Bierly-Piatt Twp. – commented on feasibility study and separation at the high school with reconfiguration.
Alycia Bilbay-Piatt Twp. – commented on need for 2 Principals at the Middle School and difference in capacity numbers in feasibilities studies.
Abraham Passatti-JS Boro – commented on his experience at all different learning environments and that teachers make the difference not facilities, board members should use monies as they would personally.
Justin Wall–Anthony Twp. – submitted a handout, commented on feasibility study capacity changes and PDE projection.

Beth McClain-Piatt Twp. – commented on High School current capacity, closures creating a campus wide environment, larger student teacher ratio, new furniture and number of students moving to cyber charter schools and cost to the district.
Don Lomison-Pine Creek Twp. – commented on Clinton County declining population and houses being built, expenditures and time needed to make decisions.
Burt Francis-JS Boro – commented on questions being answered in a public meeting and yard space at the current Middle School for reconfiguration.
Brooke Wright-Anthony Twp. – commented on neighborhoods and neighborhood schools and recommendation from the Superintendent.

D. Personnel: None

E. Curriculum and Instruction: None

F. Building and Grounds: None

G. Finance: None

H. Miscellaneous: None

I. Old Business: None

J. Executive Session: None

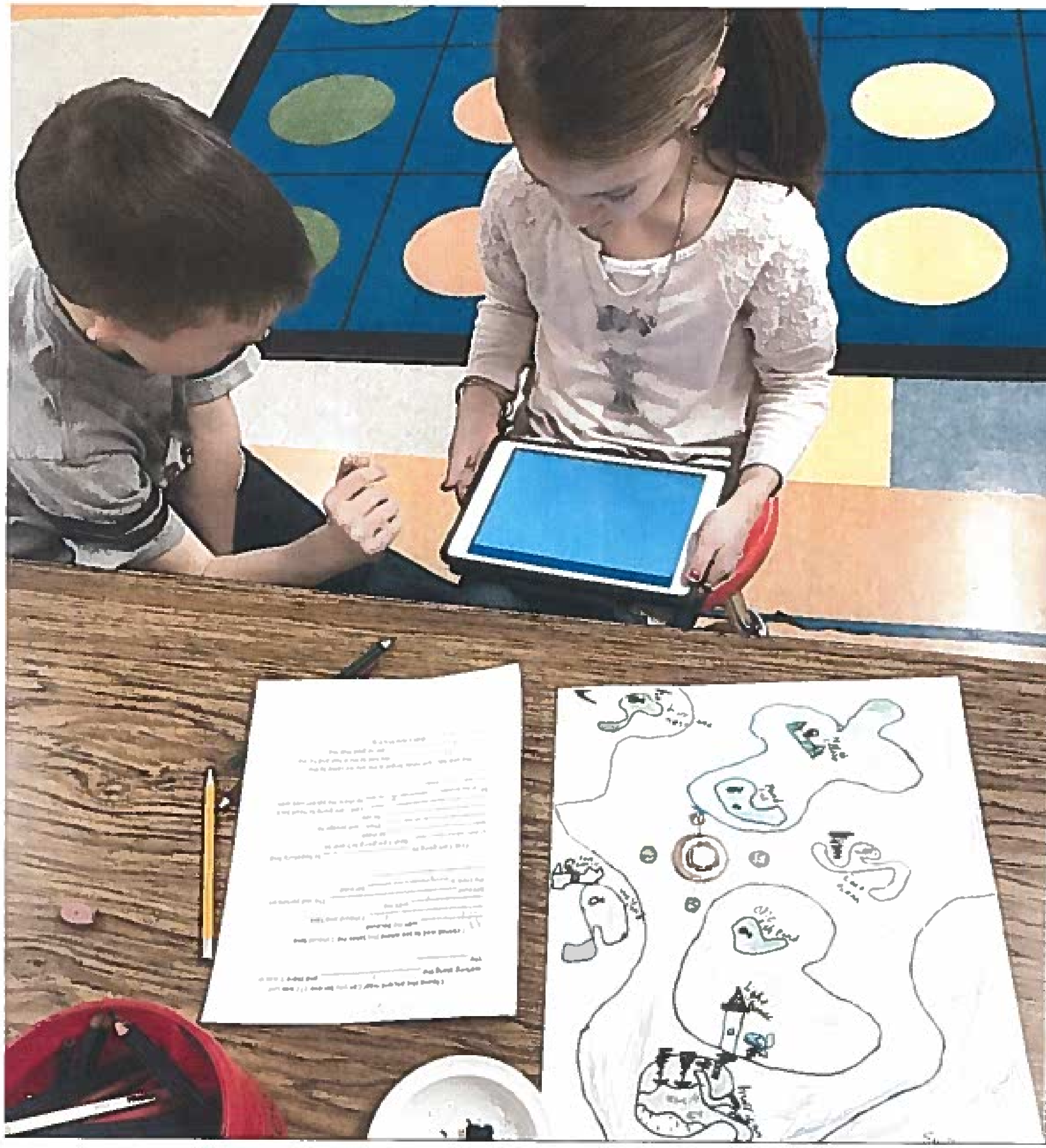
L. Adjournment

Motion: A motion was made by Merrill Sweitzer and seconded by Karen Stover to adjourn the April 9, 2018 Regular Board Meeting at 9:37 p.m.

The vote was a unanimous Yes. Motion carried.

Respectfully submitted,

Benjamin J. Enders
Board Secretary



Crabtree, Rohrbaugh & Associates

JERSEY SHORE AREA SCHOOL DISTRICT

FACILITY STUDY UPDATE

April 9, 2018

AGENDA

1 INTRODUCTION

2 21st CENTURY EDUCATIONAL FACILITY DESIGN

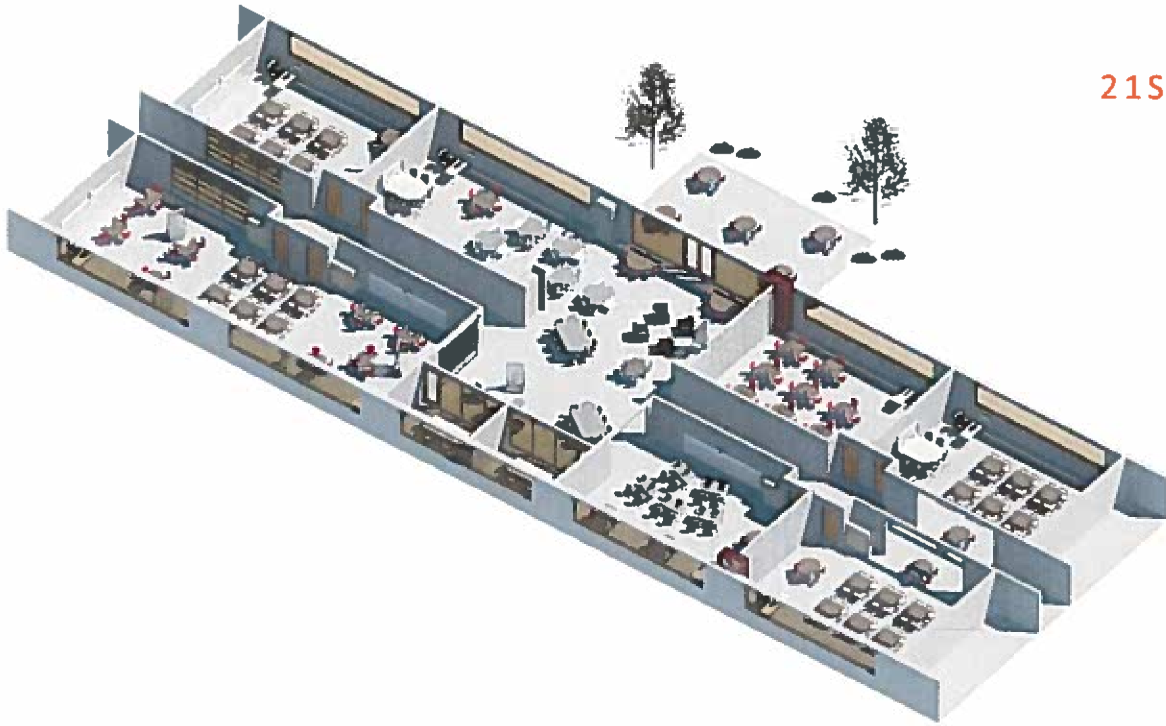
3 DEMOGRAPHIC ANALYSIS

4 BUILDING CONDITONS AND EVALUATIONS

5 BENCHMARK ANALYSIS

6 OPTIONS

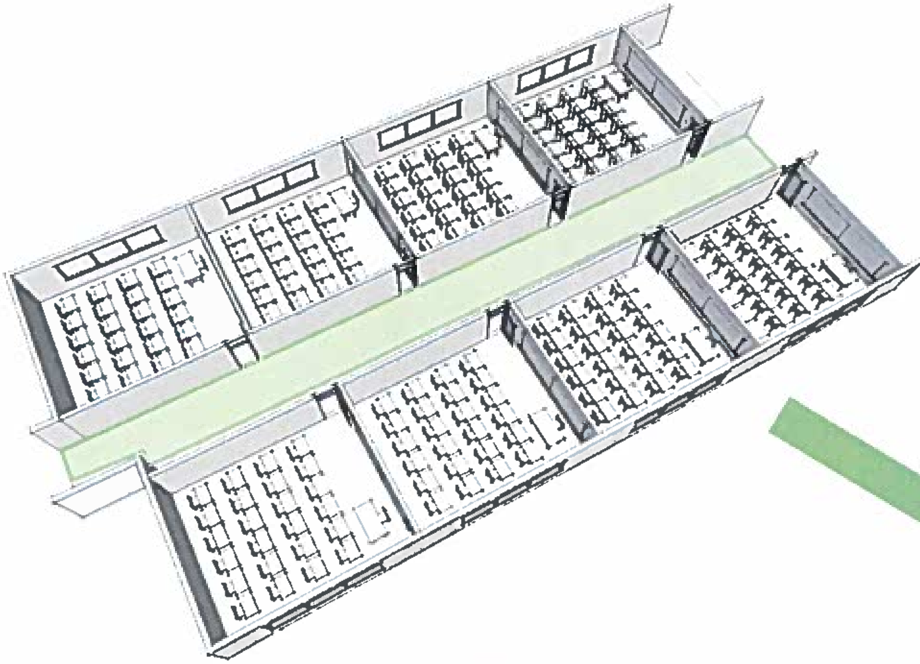
21st CENTURY EDUCATIONAL FACILITY DESIGN



Priority Shifts in the educational environment

From	To
Teacher centric	Student centric
Passive learning	Active learning
Focus on 3 Rs	Develop 4 Cs (Critical thinking, Collaboration, Creativity, Communication
Learn in classroom	Learn anywhere

From	To
Limited Technology	Ubiquitous Technology
Assertive Assessment	Demonstrative Assessment
Curriculum Fragmented	Curriculum Integration
Conformity Expected	Individually Celebrated



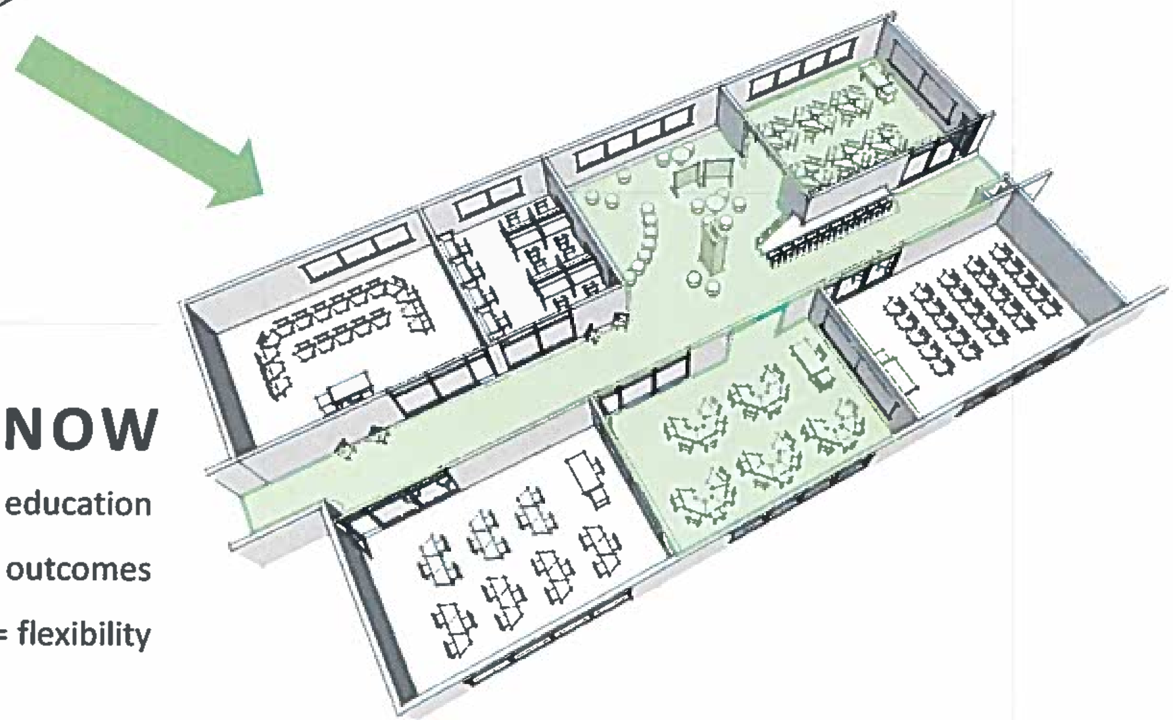
THEN

Mass production of education

One size fits all

Learning environment had no impact on outcomes

No foreseeable need for change = fixed



NOW

Mass customization of education

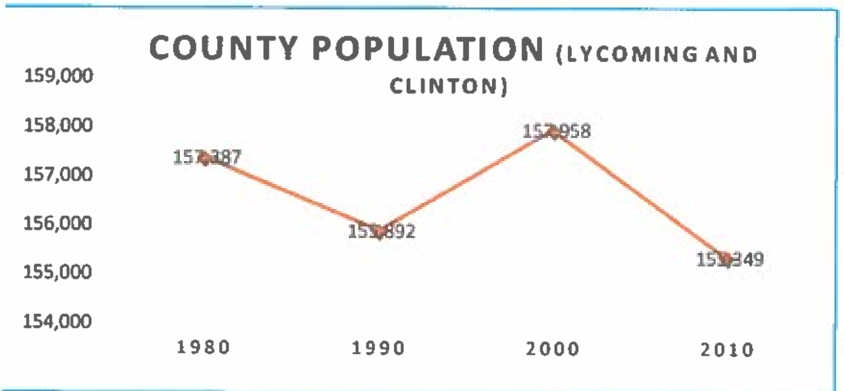
Learning environment impacts outcomes

Change = flexibility

21ST CENTURY LEARNING

DEMOGRAPHIC ANALYSIS

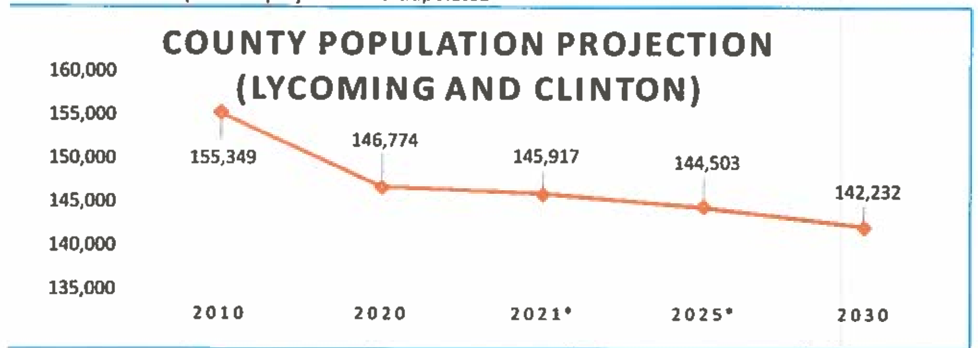
Region	1980	1990	2000	2010
Lycoming County	118,416	118,710	120,044	116,111
Clinton County	38,971	37,182	37,914	39,238
Total Both Counties	157,387	155,892	157,958	155,349
rate of increase	-	*-1%*	*1%*	*-2%*



County Population Trend

	Census	Projections			
	2010	2020	2021*	2025*	2030
Lycoming County	116,111	113,105	112,804	111,537	109,969
Clinton County	39,238	33,669	33,112	32,966	32,263
Total for both Counties	155,349	146,774	145,917	144,503	142,232
rate of increase	-	*-3%*	*-0.27%*	*-1%*	*-1%*

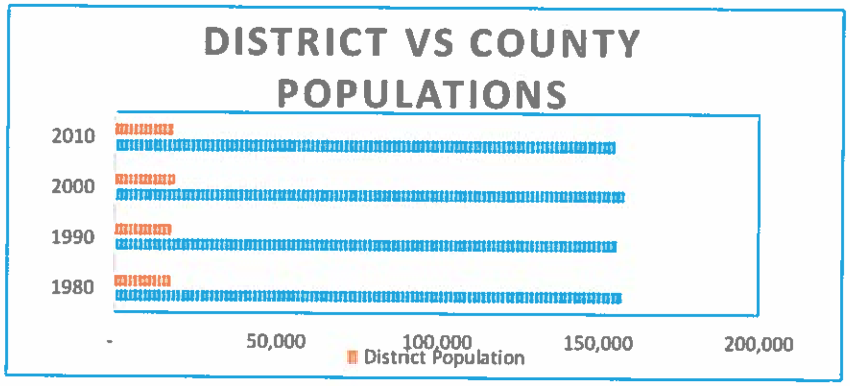
* Population projection = extrapolated



Source: Penn State Data Center

County Population Projections

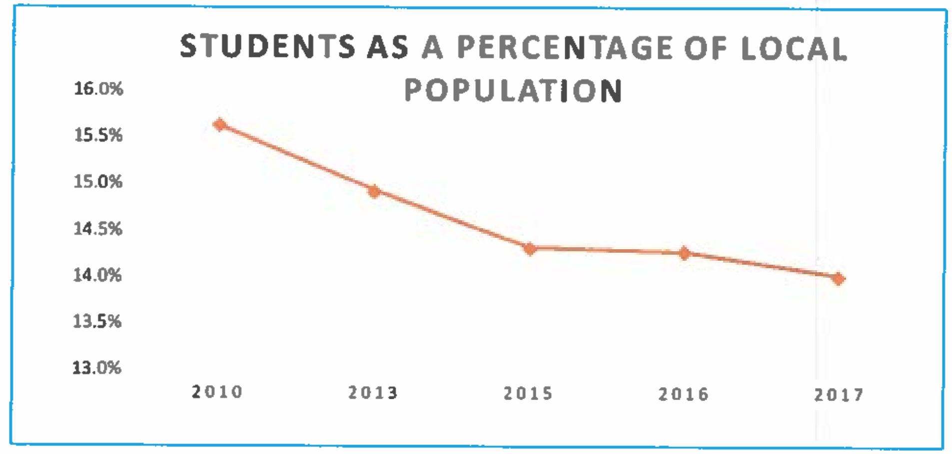
	1980	1990	2000	2010
Lycoming County	118,416	118,710	120,044	116,111
Clinton County	38,971	37,182	37,914	39,238
Total for both Counties	157,387	155,892	157,958	155,349
District Population	17,143	17,189	18,215	17,669
% County Population	*10.9%*	*11.0%*	*11.5%*	*11.4%*



District Population Trend

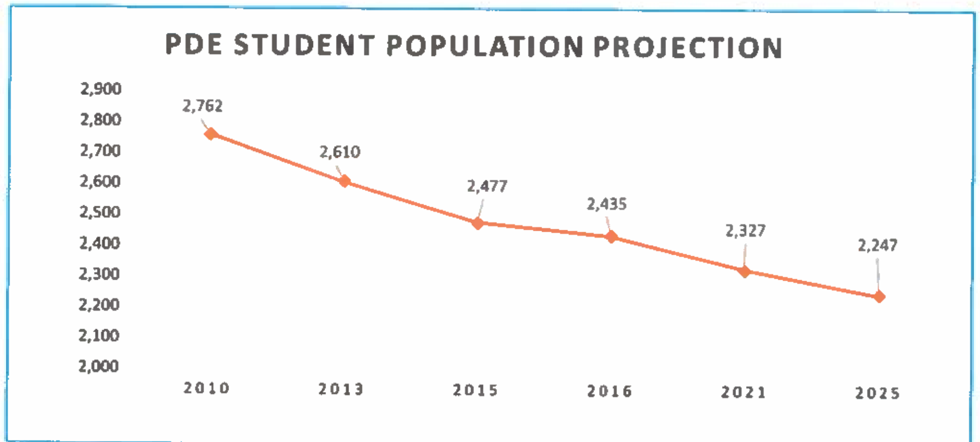
	2010	2013	2015	2016	2017
District Total Population*	17,669	17,485	17,302	17,058	16,814
Total District Students	2,762	2,610	2,477	2,435	2,357
% students per population	*15.6%*	*14.9%*	*14.3%*	*14.3%*	*14.0%*

* District Total Population = estimated / extrapolated



Students as a percentage of local population

	Actual Enrollment				PDE Projections	
	2010	2013	2015	2016	2021	2025
Jersey Shore ASD	2,762	2,610	2,477	2,435	2,327	2,247
difference		(152)	(133)	-42	-108	-80
% change		-6%	-5%	-2%	-4%	-3%



PDE Enrollment Projection

K-12 Enrollment Forecast 5 Yr Mean

Year	2017	2018	2019	2020	2021	2022
K	175	174	183	162	160	2017 live birth data not yet available
1	159	173	172	181	160	
2	172	156	170	169	178	
3	156	170	154	168	167	
4	179	153	167	152	165	
5	219	177	152	165	150	
6	194	221	179	153	167	
7	200	202	230	186	159	
8	198	193	194	221	179	
9	203	207	201	202	230	
10	204	203	206	200	201	
11	198	195	194	197	191	
12	168	187	184	183	186	
Total	2,426	2,410	2,385	2,338	2,294	
	Percent change				-5.8%	

2017 Actual: 2,357

CRA cohort survival Enrollment Projection

BENCHMARK ANALYSIS

BENCHMARK ANALYSIS: CAPACITY

		Current		PDE 2021 projections			
Grade Grouping	Capacity	Enrollment	Utilization	Enrollment	Utilization	Benchmark	Difference from benchmark
K-5							
Jersey Shore ES	900	624	69%	619	69%	90%	-21%
Avis ES	340	214	63%	212	62%		-28%
Salladasburg ES	290	217	75%	215	74%		-16%
Elementary Total	*1530*	*1055*	*69%*	*1046*	68%		-22%
6-8							
Jersey Shore MS	1026	584	57%	506	49%	85%	-36%
MS Total	*1026*	*584*	*57%*	*506*	49%		-36%
9-12							
Jersey Shore HS	1466	736	50%	775	53%	85%	-32%
HS Total	*1466*	*736*	*50%*	*775*	53%		-32%

BENCHMARK ANALYSIS: AREA PER STUDENT

Grade Grouping	Building Area (SF)	Current		PDE 2021 projections		Benchmark*	Difference from benchmark
		Enrollment	Area Per Student (SF)	Enrollment	Area Per Student (SF)		
K-5							
Jersey Shore ES	95,165	624	153	619	154	151	3
Avis ES	44,550	214	208	212	210		59
Salladasburg ES	49,103	217	226	215	228		77
Elementary Total	*188,818*	*1055*	*179*	*1,046*	181		30
6-8							
Jersey Shore MS	133,512	584	229	506	264	174	90
MS Total	*133,512*	*584*	*229*	*506*	264		90
9-12							
Jersey Shore HS	183,946	736	250	775	237	183	54
HS Total	*183,946*	*736*	*250*	*775*	237		54

Benchmark Source: School Planning and Management Magazine Annual Construction Report average for region 2 2002-2015

ESTIMATED POTENTIAL COST TO MAINTAIN EXCESS AREA (RIGHT SIZING)

Grade levels	2021 projected enrollment	Benchmark area per student (SF)	Suggested area per benchmark (SF)	Current area (SF)	Difference from benchmark
K-5	1,046	151	157,946	188,818	30,872
6-8	506	174	88,044	133,512	45,468
9-12	775	183	141,825	183,946	42,121
Total	*2,327*		*387,815*	*506,276*	*118,461*

Excess area (SF):	118,461
American School and University 38th Annual Maintenance & Operations Cost Study for Schools	$ 4.42
Annual cost of excess area	$523,598

OPTIONS

The analysis indicates that the District's facilities are underutilized for current and projected enrollments. Option development focuses on right sizing the District's facilities to gain efficiency through consolidation.

OPTION CONSIDERATIONS:

1 Reduce building area

2 Grade level re-alignment

3 Potential savings over time

4 5-10 year facility needs

OPTION A: Close District offices move to High School

OPTION B: Close Avis

OPTION C: Close Salladasburg

OPTION D: Close Avis and Salladasburg

Consider the following Grade level configurations:

1. K-5, 6-8, 9-12 (current configuration)
2. K-4, 5-8, 9-12
3. K-3, 4-7, 8-12
4. K-2, 3-6, 7-12

CURRENT CONFIGURATION

1	K-5, 6-8, 9-12	Current Configuration			
		Elementary	Middle	High	Total
	2021 Projected enrollment	1,046	506	775	2,327
	Capacity	1,530	1,026	1,466	4,022
	Utilization	68%	49%	53%	58%
				Total building area (SF)	531,971
				Reduction in area (SF)	-

Suggested Capital Improvements:

Jersey Shore

- Replace domestic hot water heater.

Avis

- Toilet room upgrades for ADA. Masonry restoration, replace dock door, Replace control system.
- Mechanical electrical, plumbing replacement with code compliant return air system.

Salladasburg

- Remove stairs to upper tier, Replace 11,060 SF of roofing on the building and 2,500 SF on the canopy, Masonry restoration, Repair EIFS system at library window replace interior doors.
- Replace: unit ventilators, boiler, pumps, return air system, combustion air to boiler room, domestic hot water system.
- Consider complete mechanical system replacement.
- Replace electrical distribution panelboard, provide a remote generator annunciator panel.

Middle School

- Restore or replace lockers.
- Inspect and repair masonry chimney
- Replace 60 ton chiller that serves the auditorium and admin areas.
- Add combustion air intake for emergency generator.

High School

- Demolish Johnson house and provide additional parking, replace interior doors, replace science lab casework and equipment
- Add HVAC system for storage space that was converted to classrooms, replace boilers, replace air handlers, replace natatorium HVAC system, replace relief air system, provide kiln ventilation, provide dedicated (ductless split) AC to data and computer rooms. Upgrade plumbing fixtures for ADA compliance.
- Replace 1982 electrical switchboard

Administration

- Replace 4 rooftop units.

1	K-5, 6-8, 9-12	Option A Close DAO, Move to High: Elementary	Middle	High	Total
	2021 Projected enrollment	1,046	506	775	2,327
	Capacity	1,530	1,026	1,341	3,897
	Utilization	68%	49%	58%	60%
			Total building area (SF)		506,276
			Reduction in area (SF)		25,695

Estimated Costs:

Option A: Close DAO, move to High	Low	High
Implementation		
Renovate HS E- wing lower level, Relocate Central Data Center, Relocate Culinary Arts CTE, Relocate Science Labs, Construct warehouse	$1,100,000	$2,300,000

		Option B Close Avis			
		Elementary	Middle	High	Total
1 (K-5, 6-8, 9-12)	2021 Projected enrollment	1,046	506	775	2,327
	Capacity	1,190	1,026	1,466	3,682
	Utilization	88%	49%	53%	63%
2 (K-4, 5-8, 9-12)	2021 Projected enrollment	872	680	775	2,327
	Capacity	1,190	1,026	1,466	3,682
	Utilization	73%	66%	53%	63%
3 (K-3, 4-7, 8-12)	2021 Projected enrollment	707	675	945	2,327
	Capacity	1,190	1,026	1,466	3,682
	Utilization	59%	66%	64%	63%
4 (K-2, 3-6, 7-12)	2021 Projected enrollment	540	677	1,110	2,327
	Capacity	1,190	1,026	1,466	3,682
	Utilization	45%	66%	76%	63%

Total building area (SF)	487,421
Reduction in area (SF)	44,550

Estimated Costs:

Option B: Close Avis	Low	High
Implementation		
Minor Middle School modifications (Scenario 3 & 4 only)	$20,000	$50,000

Note: This option would require re-districting of elementary students in grade level configuration 1 unless additional classrooms are added to JSE.

Option C Close Salladasburg		Elementary	Middle	High	Total
1	K-5, 6-8, 9-12				
	2021 Projected enrollment	1,046	506	775	2,327
	Capacity	1,240	1,026	1,466	3,732
	Utilization	84%	49%	53%	62%
2	K-4, 5-8, 9-12				
	2021 Projected enrollment	872	680	775	2,327
	Capacity	1,240	1,026	1,466	3,732
	Utilization	70%	66%	53%	62%
3	K-3, 4-7, 8-12				
	2021 Projected enrollment	707	675	945	2,327
	Capacity	1,240	1,026	1,466	3,732
	Utilization	57%	66%	64%	62%
4	K-2, 3-6, 7-12				
	2021 Projected enrollment	540	677	1,110	2,327
	Capacity	1,240	1,026	1,466	3,732
	Utilization	44%	66%	76%	62%

Total building area (SF) 482,868
Reduction in area (SF) 49,103

Estimated Costs:

Option C: Close Salladasburg	Low	High
Implementation		
Minor Middle School modifications (Scenario 3 & 4 only)	$20,000	$50,000

Note: This option would require re-districting of elementary students in grade level configuration 1 unless additional classrooms are added to JSE.

Option D Close Avis and Salladasburg		Elementary	Middle	High	Total
1 (K-5, 6-8, 9-12)	2021 Projected enrollment	1,046	506	775	2,327
	Capacity	900	1,026	1,466	3,392
	Utilization	116%	49%	53%	69%
2 (K-4, 5-8, 9-12)	2021 Projected enrollment	872	680	775	2,327
	Capacity	900	1,026	1,466	3,392
	Utilization	97%	66%	53%	69%
3 (K-3, 4-7, 8-12)	2021 Projected enrollment	707	675	945	2,327
	Capacity	900	1,026	1,466	3,392
	Utilization	79%	66%	64%	69%
4 (K-2, 3-6, 7-12)	2021 Projected enrollment	540	677	1,110	2,327
	Capacity	900	1,026	1,466	3,392
	Utilization	60%	66%	76%	69%

Total building area (SF) 438,318
Reduction in area (SF) 93,653

Estimated Costs:

Option D: Close Avis and Salladasburg	Low	High
Implementation		
Minor Middle School modifications (Scenario 3 & 4 only)	$20,000	$50,000

Note: There is insufficient elementary level capacity in grade level configurations 1 and 2

POSSIBLE FUTURE RENOVATIONS

	Low	High
0-5 year costs		
Renovate Avis	$5,400,000	$7,500,000
5-10 year costs		
Renovate High School	$22,100,000	$31,100,000
10-15 year costs		
Renovate Middle School	$16,000,000	$22,600,000
Total estimated 0-15 year cost	**$43,500,000**	**$61,200,000**

CR

Crabtree, Rohrbaugh & Associates
www.cra-architects.com