

DAVIS JOINT UNIFIED SCHOOL DISTRICT  
DA VINCI  
SENIOR HIGH SCHOOL

APPENDIX 6





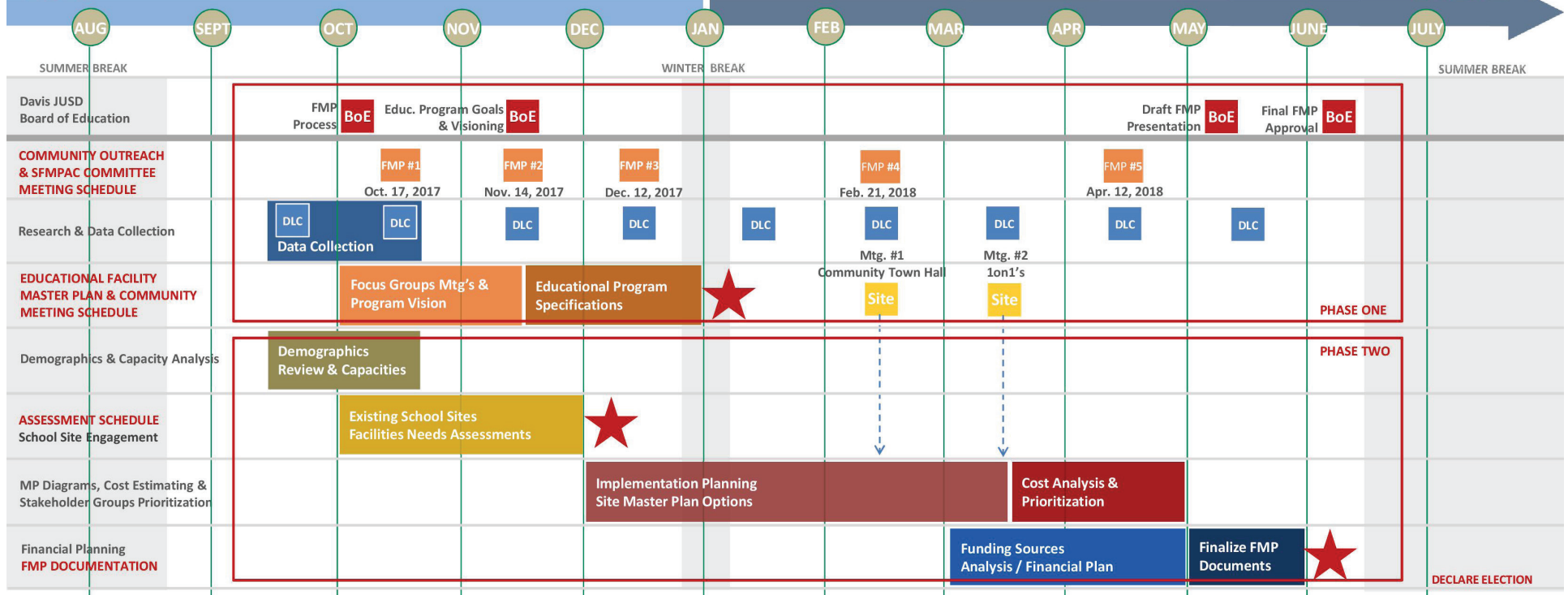
# Davis Joint Unified School District

## Facility Master Plan and Community Outreach Services – Proposed Program Schedule

(September 2017 – June 2018 Timeline)



**2017** **2018**



KEY		Board of Education	Facilities Master Plan Committee (FMPC)	School Site Committees (SSC)	PROPOSED FMP GROUPS MEETINGS
FMP	Superintendent's FMP Advisory Committee	FMP Process	(Meets Every Month During the FMP Planning Process)	9 Elementary Schools	SSC Community Town Hall / Mtg's Mtg. #1 – Process Overview & Draft Master Plans Mtg. #2 – 1on1 Mtg. w/ SSC's Representatives
DLC	District Leadership Committee	Program Goals & Visioning		4 Junior High Schools	
BoE	Davis JUSD Board of Education	Draft FMP		3 High Schools	
Site	School Site Committees	Final FMP Approval		1 DSIS (K12)	
		<b>4 TOTAL Meetings</b>	<b>5 TOTAL Meetings</b>	2 District Office + M&O	
				1 Pre-School	
				<b>20 SITES Total</b>	

### SECTION 6

# DAVIS

Joint Unified School District

## Student Population Forecast By Residence School Year 2016/2017 Report Forecast 2017/18 – 2026/27

Prepared by  
**DAVIS**  
DEMOGRAPHICS  
February 7, 2017

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## SECTION 6

## INTRODUCTION

The Davis Joint Unified School District has contracted with Davis Demographics & Planning, Inc. (DDP) to update and analyze demographic data relevant to the District's facility planning efforts. The scope of contracted work includes: mapping the District, address matching the current student file, developing and researching pertinent demographic data, identifying future residential development plans and developing a Ten year student population forecast. DDP will then assist the District in developing solutions for housing future student population. Additionally, this study was prepared to assist the District's efforts in evaluating future site requirements and attendance area changes.

The purpose of this report is to identify and inform the District of the trends occurring in the community; how these trends may affect future student population; and to assist in illustrating facility adjustments that may be necessary to accommodate the potential student population shifts. The District can then use this information to better plan for the need, location and timing of facility or boundary adjustments.

The **Sources of Data** section details where the two sources of data, geographic and non-geographic, are collected and how each data item is used in the Ten-year student population forecast model.

The **Ten Year Projection Methodology** section discusses in detail how the factors used in the study were calculated and why they were used. These factors include: the calculation of incoming kindergarten classes, additional students from new housing (referred to as student yield), the effects of student mobility, and a detailed review of planned residential development within the District.

The **District Student Resident Projection Summary** sections review the Fall 2016/17 student resident forecast results. Included in these sections are a district wide student population forecast summary and a projected resident student population summary for each existing attendance area and study area.

While reading this report, it is important to remember that this is a snapshot of current and potential student population based upon data gathered in Fall 2016/17. Population demographics change, development plans change, funding opportunities can change, District priorities can change, and therefore, new forecast and adjustments to the overall Master Plan will continue to be necessary in the future.

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## EXECUTIVE SUMMARY

From 2008/09 to 2009/10 the D.J.U.S.D. resident student population declined by 157 students. This decline was masked by an increase of 170 inter-district transfer students; resulting in a minimal net change in enrollment. This pattern was repeated from 2009/10 to 2010/11. Resident student population declined by 187 K-12 students while inter-district transfers increased by 118 students; resulting in a -0.8% decline net enrollment.

From 2010/11 to 2011/12 there was a slight change in the pattern. Residential population increased for the first time in three years. K-12 residential populations increased by 84 students, while the K-12 out of district population increased by 29 students. Taking into account a 29 student decrease in Independent Study students the D.J.U.S.D. had a net increase of 84 K-12 students.

Four of the last five school years has seen resident student population decline. From 2011/12 to 2016/17 resident student population declined by 255 K-12 students. Meanwhile, the number of out of district students increased by 269 students. Keeping overall enrollment relatively stable over this time frame. There was a 39 student increase in inter-district transfers from 2015/16 to 2016/17, slightly less than the five year average of 53.8.

An increase in positive mobility (positive net migration in) from 2015/16 to 2016/17 may point to a change in trend. While some families continue to relocate to areas outside of the District, more families are moving in rather than leaving. This positive net migration has helped keep the DJUSD enrollment near 8,500 for the last 10 years.

However, there has been a decline in area births. Between 2010 and 2014 there was an average of 501 births annually, leading to a decrease in kindergarten class enrollment. The previous four year time period (2006 to 2009) averaged 570 births per year. Without, positive net migration and, to a lesser extent, new housing units, the DJUSD would be experiencing overall declining enrollment.

Over the next three years (the 2017/18 to 2019/20 school years) the Davis Joint Unified School District is to forecast to experience a mild increase in enrollment, a total of about 50 TK-12 students. The increase can be attributed to positive net migration of resident students and new families moving into new housing. The following three year period (2020/21 to 2022/23) should be somewhat stable with small variation in enrollment. This is forecast to be followed by a few years of declining enrollment at the K-6 level (2023/24 to 2026/27).

It is important to remember that the further out a forecast goes, the greater margin of error is introduced. The declining enrollment at the tail end of the forecast is mainly a result of decreasing area births between 2010-2014 and the difficult task of forecasting future birth numbers. A change in the birth trend or an increase in residential development may alter the forecast.

**SOURCES OF DATA**

**Geographic Map Data**

Four geographic data layers were updated for use in the ten-year student population forecast:

1. Street Centerline Database
2. Study Areas
3. Schools
4. Students – Historical and Current

**1) Street Centerline Data**

DDP has licensed a digital street centerline map of the School District from ETAK. The street database has associated attributes that contain, but are not limited to, the following fields: full street name, address range and street classification

The main function of the streets is in the geo-coding process of the student data. Each student is address matched to the streets by their given address. The geo-coding process places a point on the map for every student in the exact location of student residence. This enables DDP to analyze the student data in a geographic manner.

Another vital utilization of the digital street database is in the construction of study areas. Freeways, major streets and neighborhood streets are used as boundaries for the study areas.

**2) Study Areas**

Study areas are small geographic areas and the building blocks of a school district; they are similar to neighborhoods. Study areas are geographically defined following logical boundaries of the neighborhood, such as freeways, streets, railroad tracks, rivers, etc. Each study area is then coded with the elementary, junior high and high school that the area is assigned to attend. By gathering information at the study area level, a school district can closely monitor growth and demographic trends in particular regions and spot potential need for boundary changes or new facilities.

**3) Schools**

The District provided school facility location information to DDP for the purpose of mapping the District facilities.

**4) Student Data**

**a. Historical Student Data** - Historical enrollment is used to compare past student population growth and trends as well as the effects of mobility (move-in, move-out from existing housing) throughout the District. DDP utilized the 3 previous years' (2013/14, 2014/15 and 2015/16) address matched students as historical data.

**SECTION 6**



**APPENDIX  
DEMOGRAPHICS REPORT**

**b. Current Student Data** - A student data file geocoded approximately October 5<sup>th</sup>, 2016 summarized by grade level and by study area is used as a base for enrollment forecast. Existing students were categorized by study area through the address matching process that locates each student within a particular area based upon their given address. The forecast run each of the next ten years from fall 2017/18 through fall 2026/27.

The Student Accounting Summary (Table 1) indicates the total student enrollment as of October 5<sup>th</sup>, 2016 and the number of students used in the ten year student population forecast. The forecast model is based upon student residence and excludes students residing outside of the District's boundaries, students unable to be address matched and Independent Study students.

Student Accounting Summary School Year 2016/17 Actual Enrollment (10/05/16)	
<b>Total Students Provided by District</b>	<b>8,574</b>
Students Residing out of District	-750
Independent Study Students	-123
Transitional Kindergarten Students	-80
Unmatched Students	-3
<b>Students used in Residential Projections -</b>	<b>7,618</b>
Students Residing out of District	750
Independent Study Students	123
Transitional Kindergarten Students	80
Unmatched Students	3
<b>D.J.U.S.D. 2016/17 K-12 Enrollment -</b>	<b>8,574</b>

**Non-Geographic Data**

Two basic sets of non-geographic data were compiled and reviewed for use in the ten-year student population forecast by residence:

1. Births by Zip Code
2. Mobility Factors

**1) Births by Zip Code Data** - Birth data by postal zip code was obtained from the California State Department of Health for the years 1994-2015 and roughly correlated to the Davis Joint Unified School District. Past changes in historical birthrates are used to estimate incoming kindergarten student population from existing housing.

**2) Mobility Factors** - Mobility refers to the increase/decrease in the migration of students within the District boundaries (move-in/move-out of students from existing housing). Mobility, similar to a cohort, is applied as a percentage of increase/decrease among each grade for every year of the forecast

**TEN YEAR PROJECTION METHODOLOGY**

The forecast methodology used in this study combines historical student population figures, past and present demographic characteristics, and planned residential development to forecast future student population at the study area level. District-wide forecast are summarized from the individual study area forecast. **These forecast are based on where the students reside and their school of residence. DDP utilizes, the actual location of where the students reside, as opposed to their school of enrollment, in order to provide the most accurate estimate of where future school facilities should be located.** The best way to plan for future student population shifts is to know where the next group of students will reside. The following details the methodology used in preparing the student population forecast by residence.

**Ten-Year Forecast**

Forecast are calculated out ten years from the date of forecast for several reasons. The planning horizon for any type of facility is typically no less than five years, often longer. Ten years are sufficient to adequately plan for a student population shift and facility restructuring. It is a short to midterm solution for planning needs. Forecast beyond Ten years are based on speculation due to the lack of reliable information on birthrates, new home construction, economic conditions etc.

**Why Forecast are Calculated by Residence**

Typically, school district forecast are based on enrollment by school. However, this method is inadequate when used to locate future school facility requirements, because the location of the students is not taken into consideration. A school's enrollment can fluctuate due to variables in the curriculum, program changes, school administration and open enrollment policies. These variables can skew the apparent need for new or additional facilities in an area.

The method used by DDP is unique because it modifies a standard cohort forecast with demographic factors and actual student location. **DDP bases its forecast on the belief that school facility planning is more accurate when facilities are located where the greatest number of students reside.**

The following details the methodology used in preparing the student population forecast.

**1) Progression** - Each year of the forecast, 12<sup>th</sup> grade students graduate and continuing students progress through to the next grade level and kindergarten students start school. This normal progression of students is modified by the following factors:

**2) Incoming Kindergarten** – Live birth data, reported to the California State Department of Health, by the resident postal zip code of the mother is used to project the base incoming kindergarten class. Additional kindergarten students may be added from future development. DDP uses birth data by zip code so, if need be, a different birth factor can be applied to various areas of the District.



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Incoming kindergarten classes, for existing homes, are estimated by comparing changes in past births and birthrates. Table 2 shows the total births for each zip code in the Davis Joint Unified School District from 1994 to 2014. Future kindergarten classes (2017/18-2026/27) are estimated by multiplying the existing kindergarten class (2016/17) by the ratio of the projected year's births to the 2010 births. Assuming that the fall 2016/17 kindergarten class was born in 2010, DDP compared the total births in 2010 to the total births in 2011 to determine a factor for next year's kindergarten class (fall 2017/18). Similarly, 2010 was compared to 2012 (fall 2018/19 K class), 2010 to 2013 (fall 2019/20 K class) and 2010 to 2014 (Fall 2020/21 K class).

Year	Birth by Zip Code		Incoming K Projection	Year of Projection
	95616 & 95618	Change		
1994	565	117.0%		
1995	555	114.9%		
1996	555	114.9%		
1997	548	113.2%		
1998	591	122.4%		
1999	581	120.3%		
2000	637	131.9%		
2001	637	131.9%		
2002	622	128.8%		
2003	632	130.8%		
2004	600	124.2%		
2005	556	115.1%		
2006	607	125.7%		
2007	588	115.5%		
2008	590	120.1%		
2009	533	110.4%		
2010	496	102.7%		
2011	453	BASE	1,085	2017/18
2012	524	105.5%	1,029	2018/19
2013	497	102.9%	1,010	2019/20
2014	488	101.0%	1,020	2020/21
			1,020	2021/22
			1,020	2022/23
			1,020	2023/24
			1,020	2024/25
			1,020	2025/26
			1,020	2026/27

Source: Vital Statistics of California, Birth Data by Zip code, 1994-2014

Comparison of Births vs. Kindergarten			
Birth Year / K Year	Birth Total	K Class**	% of Births
1995 / 2000	555	637	114.8%
1996 / 2001	555	587	105.8%
1997 / 2002	548	657	119.9%
1998 / 2003	591	573	97.0%
1999 / 2004	581	564	97.1%
2000 / 2005	637	582	91.4%
2001 / 2006	637	578	90.7%
2002 / 2007	622	555	89.2%
2003 / 2008	632	599	94.8%
2004 / 2009	600	556	92.7%
2005 / 2010	556	566	101.8%
2006 / 2011	607	560	92.3%
2007 / 2012	558	511	91.6%
2008 / 2013*	580	528	91.0%
2009 / 2014*	533	576	108.1%
2010 / 2015*	496	572	115.3%
2011 / 2016*	483	522	108.1%
<b>Total</b>	<b>9,771</b>	<b>9,723</b>	<b>99.5%</b>

\*Does not include TK Students

\*\*Includes K students residing outside of the district boundaries

Table 2- Birth Data

Beginning in fall 2012 the District implemented the first year of California's new transitional kindergarten (TK) program. In this new program, which was fully implemented in fall 2014, a child will be eligible for Transitional kindergarten if their 5<sup>th</sup> birthday is between September 2<sup>nd</sup> and December 2<sup>nd</sup>. The state is allowing district's to "phase in" the eligibility months by adding one month per year until full implementation at fall 2017/18 when the district must accept all students born after September 2<sup>nd</sup>. At this time DDP's Student Population Forecast model does not account for TK students. To project TK students DDP will apply the ratio of change in K to the TK students.



**3) Student Mobility Factors** - Student mobility factors further refine the ten-year student population forecast. Mobility refers to the increase/decrease in the migration of students within the District boundary (move-in/move-out of students from existing housing). Mobility, similar to a cohort, is applied as a percentage to each grade for every year of the forecast.

A net increase or decrease of zero students over time is represented by a factor of 100%. A net student loss is represented by a factor less than 100% (1.00) and a net gain by a factor greater than 100% (1.00) (see example).

Example:

$$\begin{aligned} &82 \quad \text{K grade students in fall 2016/17} \\ \times &101\% \text{ (1st Grade mobility Birch Lane E.S.)} \\ = &83.2 \text{ 1st Grade students in fall 2017/18} \end{aligned}$$

Attendance Area Birch Lane ES		Projection Date 10/7/2015					
ACTUAL		PROJECTED RESIDENT STUDENTS					
	2016	2017	2018	2019	2020	2021	2022
K	82	90.6	86.0	84.9	86.2	85.8	85.8
1	82	83.2	91.5	87.0	85.9	86.2	85.8
2	101	84.0	85.0	93.4	88.8	86.7	87.1
3	91	108.3	90.0	91.1	100.0	94.1	91.9
4	87	92.2	109.3	91.0	92.0	100.0	94.1
5	97	89.1	94.1	111.3	92.9	92.9	101.0
6	87	100.1	91.8	96.9	114.5	94.7	94.8
		101%	101%	106%	100%	101%	102%

Birch Lane E.S.	K → G1	G1 → G2	G2 → G3	G3 → G4	G4 → G5	G5 → G6
	101%	101%	106%	100%	101%	102%

Having historical student data categorized by study area is extremely helpful in calculating accurate Student Mobility Factors. The sampling used was taken over a four-year period (student data from 2013/14 through 2016/17) and three yearly groupings were calculated. For example, a comparison was made for the fall 2013/14 K student population to the fall 2014/15 1st grade students. This comparison was also conducted for the fall 2014/15 & fall 2015/16, and the fall 2015/16 & fall 2016/17 students.

Davis Joint Union School District												
Mobility by Elementary Attendance Area 2013/14 - 2016/17												
	K → G1	G1 → G2	G2 → G3	G3 → G4	G4 → G5	G5 → G6	G6 → G7	G7 → G8	G8 → G9	G9 → G10	G10 → G11	G11 → G12
Birch Lane E.S.	101%	101%	106%	100%	101%	102%	112%	95%	104%	101%	97%	96%
Korematsu E.S.	105%	103%	99%	106%	100%	101%	97%	98%	92%	103%	93%	98%
Montgomery E.S.	104%	104%	104%	98%	103%	98%	103%	98%	99%	96%	90%	97%
North Davis E.S.	92%	100%	99%	98%	105%	99%	105%	105%	98%	106%	107%	105%
Patwin E.S.	113%	105%	100%	111%	97%	103%	108%	103%	99%	95%	98%	100%
Pioneer E.S.	108%	104%	107%	102%	102%	102%	102%	98%	102%	101%	98%	96%
Willett E.S.	109%	103%	102%	100%	101%	101%	105%	97%	115%	98%	100%	94%

Table 3- Mobility

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# LPA APPENDIX DEMOGRAPHICS REPORT

**4) Planned Residential Development** -Planned residential development data is collected to determine the number of new residential units that will be built over the ten-year time frame of the student population forecast. The projected units within the next ten years will have the appropriate Student Yield Factor, Table 5, applied to them to determine the number of new students planned residential development will yield.

This data was obtained through discussions with the major developers within the District boundaries, the planning department of the City of Davis, the planning department of Yolo County, planning officials at U.C. Davis and District officials. A database map of the planned residential development was created, including, when available, project name, location, housing type, total number of units and estimated move-in dates (phasing schedule). Projected phasing is based upon occupancy of the unit and is used to help time the arrival of students from these new developments.

In the student population forecast by residence DDP includes all approved and tentative tract maps in addition to any planned or proposed development that possibly will occur within the forecast timeframe. The planned residential development information and phasing estimates is a snapshot of the District at the time of this study. All of the Information may change and should be updated annually (see Table 4).

Study Area	Project Name	Type	Total Units	Developer	Area
30	Grande Village	SFD	41	Don Fouts	
42A	Mission Residences	SFA	14	City	
46A	Bartlett at Cannery	APT	62	CFY Development	Cannery
46A	Beech 1/2 The Cannery	SFD	42	Standard Pacific	Cannery
46A	Beech 2/2 The Cannery	SFD	30	Standard Pacific	Cannery
46A	Gala The Cannery	MFA	48	New American Homes	Cannery
46A	Gala The Cannery	MFA	48	New American Homes	Cannery
46A	Heirloom 1/2 The Cannery	MFA	42	New Home Company	Cannery
46A	Heirloom 2/2 The Cannery	MFA	30	New Home Company	Cannery
46A	Persimmon 1/2	SFD	22	Shea Homes	Cannery
46A	Persimmon 2/2	SFD	22	Shea Homes	Cannery
46A	Sage 1/2 The Cannery	SFD	69	New Home Company	Cannery
46A	Sage 2/2 The Cannery	SFD	4	New Home Company	Cannery
46A	Tilton 1/2 The Cannery	SFD	38	Shea Homes	Cannery
46A	Tilton 2/2 The Cannery	SFD	38	Shea Homes	Cannery
61A	Del Rio Live Work	SFA	16	City	
66B	Paso Fino Subdivision	SFD	6	City	
85	Villages At Willow Creek	SFD	35	Ray Ferrarini	
104A	Berry Bridge Cottages	SFD	8	City	

Table 4- Planned Residential Development

Note: The development list includes projects that occupancy will begin in the ten year time period of the enrollment forecast. Some future projects may not be included if they do not fall in this time frame. Total Units reflect the number of approved units for the project not the remaining units to be built. West Village UC Davis and Nishi/Downtown Davis were removed from forecast due to focus on college students with few school age children expected to move in.



**APPLYING THE VARIABLES TO GENERATE THE FORECAST**

The following paragraphs summarize how DDP uses the factors to determine the student population forecast. Remember that these forecast are based on residence.

The Davis Joint Unified School District has been broken up into 247 study areas and each study area is coded for the elementary, junior high and high school attendance area in which it falls. The residential forecast are calculated at the study area level. This means that DDP conducts 247 individual forecast that are based upon the number of students residing in each study area.

The first step in running these forecast involve listing the number of students that live in a particular study area by each individual grade (kindergarten through 12<sup>th</sup> grade). The current student base (Fall 2016/17) is then passed onto the next year's grade (2016/17's K become 2017/18's 1<sup>st</sup> graders, 2016/17's 1<sup>st</sup> graders become 2017/18's 2<sup>nd</sup> graders, and so on). After the natural progression of students through the grades is applied, then Birth Factors are multiplied by the current kindergarten class to generate a base for the following year's kindergarten class. Discussion on Transitional Kindergarten methodology is on page 4.

Next, a Mobility Factor is applied to all grades. Again, these factors take into account the natural in/out migration of students throughout the District.

The last essential layer applied to the forecast deals with additional students from planned residential development. This is a simple calculation, again conducted at the study area level, where the estimated number of new housing units for a particular year is multiplied by the appropriate Student Yield Factors. For example, if 100 single family detached (SFD) units are to be built in a specific study area in a given year, then you would multiply this number (100) by the SFD K-6 student yield factor (.418) and the resulting number of students (41.8) is divided evenly among the seven grades

To finish generating the forecast by residence, the same process is conducted for each of the 247 study areas. Once the forecast have been run at the study area level, then it is simple addition to determine forecast for each of the District's attendance areas or for a district-wide summary. For example, the student population forecast for Davis Senior High School are simply the summary of all of the study areas that make up this specific attendance area.

The District Summary for the forecast (Section 3) is a total summary of all 247 study areas, which excludes all of the students that attend a District school but live completely outside of the District's boundaries, are unmatched due to incorrect address information and independent study students. These out-of-district, unmatched and independent study students are factored back into the forecast by simply adding the existing totals in at the bottom of the forecast (please see the Attendance Matrices in Section 2 for a breakdown of the out-of-district, unmatched and independent study students by school). DDP adds the current total out-of-district, unmatched students and independent study students to each year of the forecast because there is no way to accurately forecast these students in the future.

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**ATTENDANCE MATRICES**

Three attendance matrices have been included to provide a better understanding of where students reside and where they attend school. **Remember, DDP forecast are based upon where the students reside, not where they attend school. DDP uses the actual location of where the students reside, as opposed to their school of enrollment, in order to provide the most accurate prediction of future facilities adjustments.** Therefore, since the forecast are based upon where the students reside, the figures used as a base for each school's resident forecast may differ from the actual reported enrollment for each school.

These attendance matrices act as a check and balance for student accounting. They show where the students reside (in what School of Residence) based upon our address matching capabilities and what school they attend (School of Attendance) based upon data in the student file supplied by the District. The inclusion of these matrices is essential to showing how the students used in the forecast match up to the District's records of enrollment for each school. The best way to plan for future facilities changes is to know where the next group of students will be residing, not necessarily which school they are currently attending.

READING THE MATRIX

Looking at the K-6 Elementary School Attendance Matrix below, let's begin with Birch Lane as an example. Following down the first column with the Birch Lane heading, there are 388 K-6 grade students who attend Birch Lane *and* reside in the Birch Lane attendance area. Continuing downward, 59 students attend Birch Lane that resides in the Korematsu attendance area. Next the matrix shows that 25 students attend Birch Lane and reside in the Montgomery's attendance area, and so on.

The row Out of District refers to students who live completely outside of the Davis Joint Unified School District, but attend one of the District's schools. There are 37 Out of District students attending Birch Lane. Total Attendance shows the total number of students attending a school regardless of where they reside, and reflects the District's enrollment counts for each school. There are a total of 609 students attending Birch Lane.

The next step is to read across the matrix, beginning with the Birch Lane attendance area row. We understand that the 388 represents the total number of K-6 grade students that reside in the Birch Lane attendance area and attend Birch Lane. The next column, Korematsu, refers to the number of K-6 grade students that reside in the Birch Lane attendance area, but attend Korematsu. There are currently 26 students that reside in the Birch Lane attendance area and attend Korematsu.

The Total Residence column is the total number of students living in each particular attendance area. There are 627 K-6 students residing in the Birch Lane attendance area. The Total Attendance row is the actual number of students used as the base or actual number for each attendance area in the Fall 2016/17 forecast

**ELEMENTARY SCHOOL (GRADES K-6) ATTENDANCE MATRIX**

		School of Attendance										Total Residence	Ind. Study	% Residence Attending*
School of Residence	School of Attendance	Birch Lane	Korematsu	Montgomery	North Davis	Pahwin	Pioneer	Willett	Chavez	Fairfield				
		Birch Lane	388	103	26	23	34	3	17	33	0	627	3	62%
		Korematsu	59	78	369	24	29	6	27	21	0	613	7	13%
		Montgomery	25	32	14	260	8	5	59	14	1	418	2	3%
		North Davis	52	147	14	22	397	17	6	33	13	701	2	3%
		Pahwin	11	78	4	4	10	313	5	75	16	516	2	2%
		Pioneer	24	36	9	75	10	6	350	5	1	516	1	1%
		Willett	12	135	7	7	15	29	2	303	12	522	0	0%
		Out of District	37	22	35	31	16	56	43	19	2	261	3	
		Unmatched	1	0	1	0	0	0	0	0	0	2	0	
Transitional K	0	21	21	14	24	0	0	0	0	50	0			
<b>Total Attendance</b>	<b>609</b>	<b>652</b>	<b>500</b>	<b>460</b>	<b>543</b>	<b>435</b>	<b>509</b>	<b>503</b>	<b>45</b>	<b>4,256</b>	<b>20</b>	Total 2016/17 TK-6 4,276		
Transfer Students	221	574	496	498	533	429	507	503	45	3,758				
% of Total	36%	88%	97%	95%	98%	99%	100%	N/A	N/A	88%				

**JUNIOR HIGH (GRADES 7-9) ATTENDANCE MATRIX**

		School of Attendance					Total Residence	Ind. Study	% Residence Attending*
School of Residence	School of Attendance	Emerson	Harper	Holmes	DaVinci				
		Emerson	290	15	91	74	470	7	62%
		Harper	82	525	130	46	783	6	67%
		Holmes	61	49	444	73	627	8	71%
		Out of District	29	47	78	98	252	8	
		Unmatched	0	0	1	0	1	0	
		<b>Total Attendance</b>	<b>462</b>	<b>636</b>	<b>744</b>	<b>291</b>	<b>2,133</b>	<b>29</b>	Total 2015/16 7-9 2,162
Transfer Students	172	111	300	291	874				
% of Total	37%	17%	40%	NA	41%				

**HIGH SCHOOL (GRADES 10-12) ATTENDANCE MATRIX**

		School of Attendance				Total Residence	Ind. Study	% Residence Attending
School of Residence	School of Attendance	Davis Senior	DaVinci HS	King HS				
		Davis Senior High	1,561	222	42	1,825	65	86%
		Out of District	144	82	11	237	9	
		Unmatched	0	0	0	0	0	
		<b>Total Attendance</b>	<b>1,705</b>	<b>304</b>	<b>53</b>	<b>2,062</b>	<b>74</b>	Total 2015/16 10-12 2,136
		Transfer Students	144	304	53	501		
% of Total	8%	N/A	N/A	24%				



**SECTION 6**



**APPENDIX DEMOGRAPHICS REPORT**



***TEN YEAR PROJECTION SUMMARIES***

Finally, the student population is projected out ten years for each of the study areas and for the entire Davis Joint Unified School District. The District Wide forecast summaries enable the District to see a broad overview of future student population and what impact this population will have on existing facilities. The study area listings enable the District to monitor student population growth or decline in smaller geographic areas within the District.

At any point in time, study areas and their projected resident students can be shifted between schools to assist in balancing enrollment changes. Together, these forecast summaries present the means to identify the timing of student arrivals and overall facility requirements, as well as location in order to accommodate the District's expected population shift

One of the most difficult portions of any forecast is anticipating the timing of new housing unit occupation. This can be further complicated as proposed development is going through the approval process. With this in mind DDP and District staff decided to create two different forecast based upon new residential development. In the following pages there are an Aggressive Development and Conservative Development forecast, along with a Baseline forecast with no development.

**SECTION 6****APPENDIX  
DEMOGRAPHICS REPORT**

District Projection Summary																							
Projection Date 10/05/2016																							
Historic											Base File	Projected											
	2005/06	2006/07	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24	2024/25	2025/26	2026/27	
TK	0	0	0	0	0	0	0	56	74	91	65	80	84.1	83.1	81.8	81.2	81.2	81.2	81.1	81.1	81.1	81.1	
K	564	556	540	579	536	520	551	486	498	560	539	494	519.4	513.3	505.4	501.3	501.2	501.2	501.0	501.0	501.0	501.0	
1	567	582	565	582	594	533	550	583	511	533	580	537	510.6	536.1	530.1	521.0	515.4	514.8	514.4	514.2	514.2	514.2	
2	584	560	601	588	582	582	540	533	591	526	551	588	554.1	526.2	552.8	545.7	535.0	528.7	527.6	527.2	527.0	527.0	
3	658	599	581	594	577	563	626	562	547	597	543	563	604.8	569.2	540.3	566.4	557.9	546.3	539.5	538.5	538.0	537.8	
4	591	666	596	584	594	592	568	612	557	564	618	540	579.4	619.8	582.6	552.8	578.0	568.7	556.6	549.7	548.6	548.2	
5	677	592	676	625	586	609	615	582	622	573	562	631	550.4	588.9	631.2	593.6	561.9	586.8	576.9	564.5	557.5	556.4	
6	626	670	604	686	618	591	617	608	584	627	582	560	640.1	557.9	597.9	639.4	599.2	566.8	591.5	581.6	569.1	562.1	
7	664	657	668	632	680	614	609	620	628	605	641	614	587.5	669.3	584.6	625.8	668.1	623.6	590.6	616.4	606.0	593.0	
8	663	631	646	668	627	672	633	601	620	605	620	640	617.4	590.6	672.6	586.4	626.7	667.0	622.7	590.4	616.1	605.7	
9	646	665	637	655	662	617	690	630	620	617	611	626	646.5	619.8	597.7	681.9	592.1	631.8	674.3	628.2	595.0	620.9	
10	651	684	670	661	657	663	634	682	629	630	605	612	627.5	648.1	623.4	599.5	682.1	593.0	630.7	674.3	628.8	596.5	
11	675	649	697	686	664	652	675	618	662	596	615	612	600.5	614.9	637.4	614.2	592.1	672.5	583.7	620.3	664.1	619.2	
12	606	678	636	663	669	651	635	666	598	655	585	601	604.0	592.9	606.3	628.4	607.2	584.6	661.8	574.8	611.1	653.6	
<b>SubTotal</b>	<b>TK-6</b>	<b>4,267</b>	<b>4,225</b>	<b>4,163</b>	<b>4,238</b>	<b>4,087</b>	<b>3,990</b>	<b>4,067</b>	<b>4,022</b>	<b>3,984</b>	<b>4,071</b>	<b>4,040</b>	<b>3,993</b>	<b>4042.9</b>	<b>3994.5</b>	<b>4022.1</b>	<b>4001.4</b>	<b>3929.8</b>	<b>3894.5</b>	<b>3888.6</b>	<b>3857.8</b>	<b>3836.5</b>	<b>3827.8</b>
<b>(Resident</b>	<b>7-9</b>	<b>1,973</b>	<b>1,953</b>	<b>1,951</b>	<b>1,955</b>	<b>1,969</b>	<b>1,903</b>	<b>1,932</b>	<b>1,851</b>	<b>1,868</b>	<b>1,827</b>	<b>1,872</b>	<b>1,880</b>	<b>1851.4</b>	<b>1879.7</b>	<b>1854.9</b>	<b>1894.1</b>	<b>1886.9</b>	<b>1922.4</b>	<b>1887.6</b>	<b>1835.0</b>	<b>1817.1</b>	<b>1819.6</b>
<b>Students</b>	<b>10-12</b>	<b>1,932</b>	<b>2,011</b>	<b>2,003</b>	<b>2,010</b>	<b>1,990</b>	<b>1,966</b>	<b>1,944</b>	<b>1,966</b>	<b>1,889</b>	<b>1,881</b>	<b>1,805</b>	<b>1,825</b>	<b>1832.0</b>	<b>1855.9</b>	<b>1867.1</b>	<b>1842.1</b>	<b>1881.4</b>	<b>1850.1</b>	<b>1876.2</b>	<b>1869.4</b>	<b>1904.0</b>	<b>1869.3</b>
	<b>TK-12</b>	<b>8,172</b>	<b>8,189</b>	<b>8,117</b>	<b>8,203</b>	<b>8,046</b>	<b>7,859</b>	<b>7,943</b>	<b>7,839</b>	<b>7,741</b>	<b>7,779</b>	<b>7,717</b>	<b>7,698</b>	<b>7726.3</b>	<b>7730.1</b>	<b>7744.1</b>	<b>7737.6</b>	<b>7698.1</b>	<b>7667.0</b>	<b>7652.4</b>	<b>7562.2</b>	<b>7557.6</b>	<b>7516.7</b>
<b>Unmatched</b>	<b>TK-6</b>	6	10	11	4	2	0	0	0	3	3	3	2	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
	<b>7-9</b>	3	1	1	1	0	0	0	0	2	2	2	1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
	<b>10-12</b>	4	3	6	3	0	0	0	0	1	1	1	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	<b>TK-12</b>	13	14	18	8	2	0	0	0	6	6	6	3	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
<b>Out of District</b>	<b>TK-6</b>	62	106	75	90	172	223	219	260	266	258	243	261	261.0	261.0	261.0	261.0	261.0	261.0	261.0	261.0	261.0	261.0
	<b>7-9</b>	34	35	33	43	80	97	123	188	211	232	230	252	252.0	252.0	252.0	252.0	252.0	252.0	252.0	252.0	252.0	252.0
	<b>10-12</b>	93	66	35	31	82	132	139	149	189	214	238	237	237.0	237.0	237.0	237.0	237.0	237.0	237.0	237.0	237.0	237.0
	<b>TK-12</b>	189	207	143	164	334	452	481	597	666	704	711	750	750.0	750.0	750.0	750.0	750.0	750.0	750.0	750.0	750.0	750.0
<b>Independent Study</b>	<b>TK-6</b>	36	37	28	38	31	33	29	23	22	24	19	20	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
	<b>7-9</b>	58	59	45	38	38	36	24	26	24	28	24	29	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0
	<b>10-12</b>	89	100	98	83	75	79	66	64	67	75	76	74	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
	<b>TK-12</b>	183	196	171	159	144	148	119	113	113	127	119	123	123.0	123.0	123.0	123.0	123.0	123.0	123.0	123.0	123.0	123.0
<b>Total Enrollment</b>	<b>TK-6</b>	<b>4,371</b>	<b>4,378</b>	<b>4,277</b>	<b>4,370</b>	<b>4,292</b>	<b>4,246</b>	<b>4,315</b>	<b>4,305</b>	<b>4,275</b>	<b>4,356</b>	<b>4,305</b>	<b>4,276</b>	<b>4325.9</b>	<b>4277.5</b>	<b>4305.1</b>	<b>4284.4</b>	<b>4212.8</b>	<b>4177.5</b>	<b>4171.6</b>	<b>4140.8</b>	<b>4119.5</b>	<b>4110.8</b>
	<b>7-9</b>	<b>2,068</b>	<b>2,048</b>	<b>2,030</b>	<b>2,037</b>	<b>2,087</b>	<b>2,036</b>	<b>2,079</b>	<b>2,065</b>	<b>2,105</b>	<b>2,089</b>	<b>2,128</b>	<b>2,162</b>	<b>2133.4</b>	<b>2161.7</b>	<b>2136.9</b>	<b>2176.1</b>	<b>2168.9</b>	<b>2204.4</b>	<b>2169.6</b>	<b>2117.0</b>	<b>2099.1</b>	<b>2101.6</b>
	<b>10-12</b>	<b>2,118</b>	<b>2,180</b>	<b>2,142</b>	<b>2,127</b>	<b>2,147</b>	<b>2,177</b>	<b>2,149</b>	<b>2,179</b>	<b>2,146</b>	<b>2,171</b>	<b>2,120</b>	<b>2,136</b>	<b>2143.0</b>	<b>2166.9</b>	<b>2178.1</b>	<b>2153.1</b>	<b>2192.4</b>	<b>2161.1</b>	<b>2187.2</b>	<b>2180.4</b>	<b>2215.0</b>	<b>2180.3</b>
	<b>TK-12</b>	<b>8,557</b>	<b>8,606</b>	<b>8,449</b>	<b>8,534</b>	<b>8,526</b>	<b>8,459</b>	<b>8,543</b>	<b>8,549</b>	<b>8,526</b>	<b>8,616</b>	<b>8,553</b>	<b>8,574</b>	<b>8602.3</b>	<b>8606.1</b>	<b>8620.1</b>	<b>8613.6</b>	<b>8574.1</b>	<b>8543.0</b>	<b>8528.4</b>	<b>8438.2</b>	<b>8433.6</b>	<b>8392.7</b>
<b>Change</b>			49	-157	85	-8	-67	84	6	-23	90	-63	21	28.3	3.8	14.0	-6.6	-39.5	-31.1	-14.5	-90.2	-4.6	-40.9
	<b>%</b>		0.6%	-1.8%	1.0%	-0.1%	-0.8%	1.0%	0.1%	-0.3%	1.1%	-0.7%	0.2%	0.6%	0.0%	0.2%	-0.1%	-0.5%	-0.4%	-0.2%	-1.1%	-0.1%	-0.5%

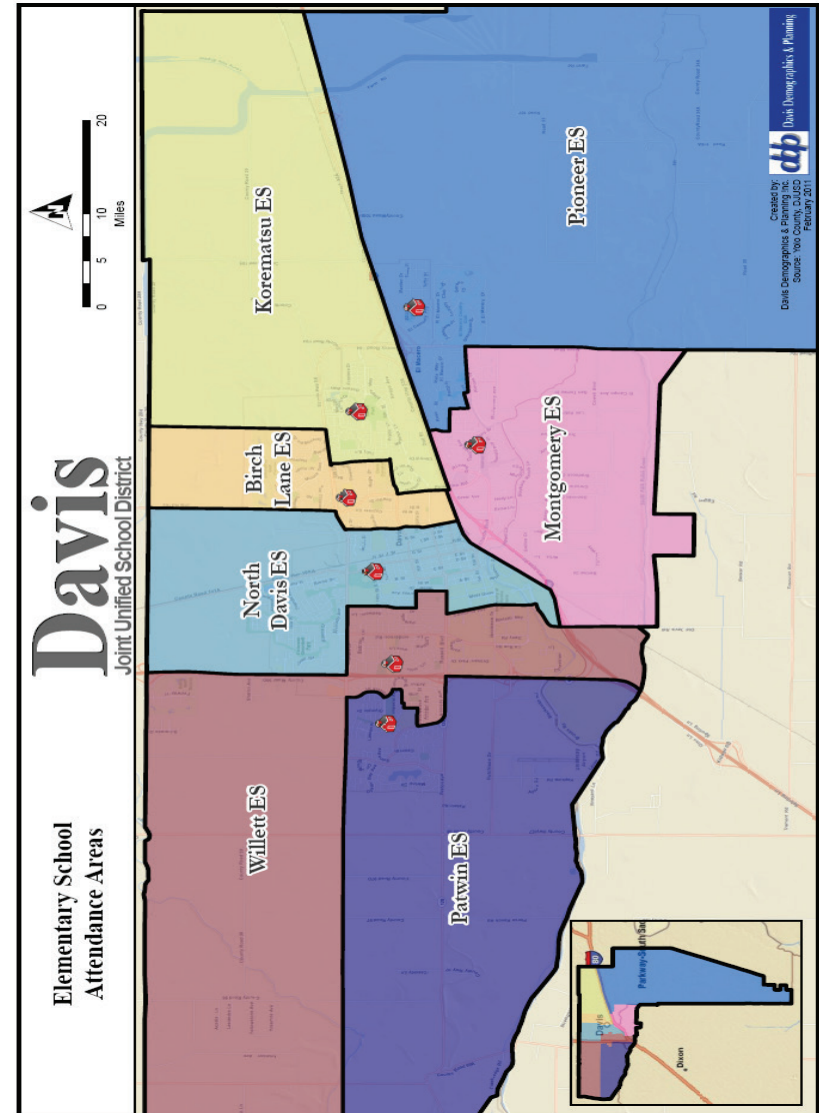
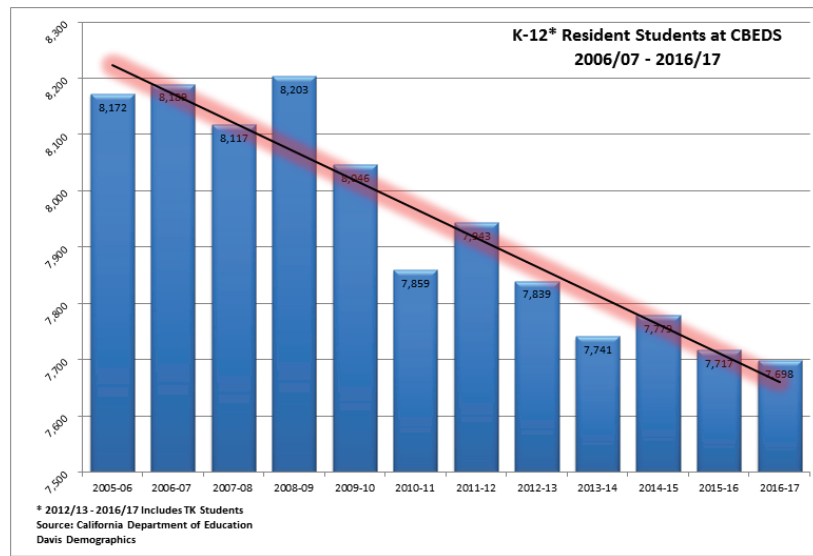
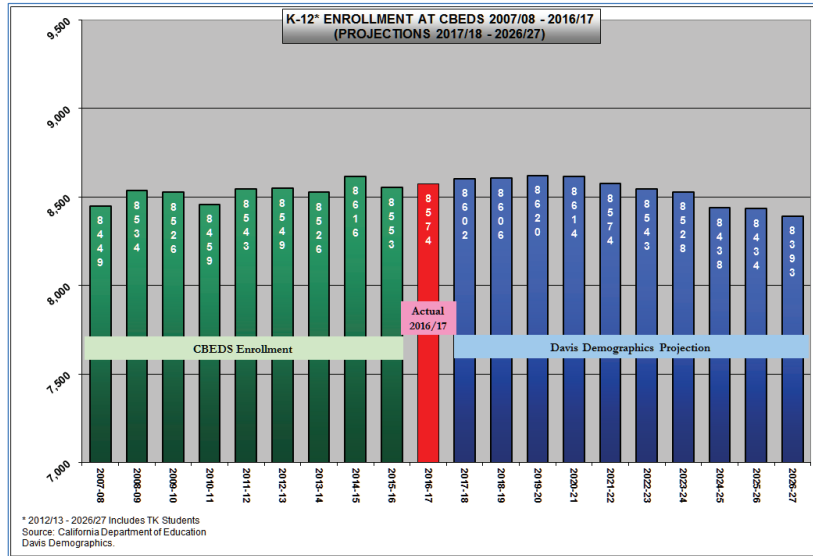


## SECTION 6



# APPENDIX DEMOGRAPHICS REPORT





## SECTION 6



# APPENDIX DEMOGRAPHICS REPORT



**Elementary School Forecast by Residence**

Attendance Area		BIRCH LANE ES										Projection Date	
CURRENT		PROJECTED RESIDENT STUDENTS										10/5/2016	
		2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24	2024/25	2025/26	2026/27	
TK		9	9.4	9.3	9.1	9.0	9.0	9.0	9.0	9.0	9.0		
K		82	86.0	84.6	83.0	82.2	82.2	82.2	82.2	82.2	82.2		
1		82	82.3	86.0	84.6	83.0	82.2	82.2	82.2	82.2	82.2		
2		101	83.1	83.1	86.9	85.5	83.8	83.0	83.0	83.0	83.0		
3		91	107.4	88.1	88.1	92.1	90.6	88.8	88.0	88.0	88.0		
4		87	91.3	107.4	88.1	88.1	92.1	90.6	88.8	88.0	88.0		
5		97	88.2	92.2	108.5	89.0	89.0	93.0	91.5	89.7	88.8		
6		87	99.2	89.9	94.1	110.6	90.8	90.8	94.8	93.3	91.5	90.6	
TK-6		636	646.9	640.6	642.4	639.5	619.7	619.6	619.5	615.4	612.7	611.8	

Attendance Area		KOREMATSU ES										Projection Date	
CURRENT		PROJECTED RESIDENT STUDENTS										10/5/2016	
		2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24	2024/25	2025/26	2026/27	
TK		13	13.6	13.4	13.1	13.0	13.0	13.0	13.0	13.0	13.0		
K		77	80.5	79.3	77.8	77.0	77.0	77.0	77.0	77.0	77.0		
1		84	80.9	84.5	83.3	81.7	80.9	80.9	80.9	80.9	80.9		
2		90	86.5	83.3	87.0	85.8	84.1	83.3	83.3	83.3	83.3		
3		87	89.1	85.7	82.4	86.2	84.9	83.3	82.4	82.4	82.4		
4		92	92.2	94.4	90.8	87.4	91.3	90.0	88.3	87.4	87.4		
5		95	92.0	92.2	94.4	90.8	87.4	91.3	90.0	88.3	87.4		
6		88	95.9	92.9	93.1	95.4	91.7	88.3	92.2	90.9	89.1	88.3	
TK-6		626	630.7	625.7	621.9	617.3	610.3	607.1	607.1	603.2	600.5	599.7	

Attendance Area		MONTGOMERY ES										Projection Date	
CURRENT		PROJECTED RESIDENT STUDENTS										10/5/2016	
		2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24	2024/25	2025/26	2026/27	
TK		10	10.5	10.3	10.1	10.0	10.0	10.0	10.0	10.0	10.0		
K		51	53.3	52.5	51.5	51.0	51.0	51.0	51.0	51.0	51.0		
1		67	53.0	55.4	54.6	53.6	53.0	53.0	53.0	53.0	53.0		
2		60	69.7	55.2	57.6	56.8	55.7	55.2	55.2	55.2	55.2		
3		62	62.4	72.5	57.4	59.9	59.1	57.9	57.4	57.4	57.4		
4		59	60.8	61.2	71.0	56.2	58.8	57.9	56.8	56.2	56.2		
5		63	60.8	62.6	63.0	73.1	57.9	60.5	59.6	58.5	57.9		
6		56	61.7	59.6	61.3	61.7	71.7	56.7	59.3	58.5	57.3	56.7	
TK-6		428	432.2	429.3	426.5	422.3	417.2	402.2	402.3	399.8	398.0	397.4	

Attendance Area		NORTH DAVIS ES										Projection Date	
CURRENT		PROJECTED RESIDENT STUDENTS										10/5/2016	
		2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24	2024/25	2025/26	2026/27	
TK		15	16.0	15.9	15.9	15.8	15.8	15.8	15.8	15.8	15.8		
K		115	122.4	122.1	121.7	121.2	121.2	121.2	121.0	121.0	121.0		
1		103	107.9	114.9	115.1	113.8	112.4	111.9	111.5	111.3	111.3		
2		100	105.2	110.3	117.9	117.1	114.8	112.8	111.9	111.5	111.3		
3		88	101.2	106.6	112.2	118.7	116.9	114.0	111.6	110.8	110.4		
4		87	88.4	101.6	107.4	111.9	117.3	115.0	111.7	109.4	108.5		
5		105	93.7	95.5	109.8	114.9	118.5	123.6	120.7	117.3	114.9		
6		103	106.2	95.2	97.4	110.7	114.7	117.8	122.3	119.5	116.2	113.7	
TK-6		716	741.0	762.1	797.4	824.1	831.6	832.1	826.5	816.6	809.4	805.5	

Does not include special education students, independent study students and students residing outside of D.J.U.S.D. boundaries



**SECTION 6**



**APPENDIX DEMOGRAPHICS REPORT**

**Elementary School Forecast by Residence**

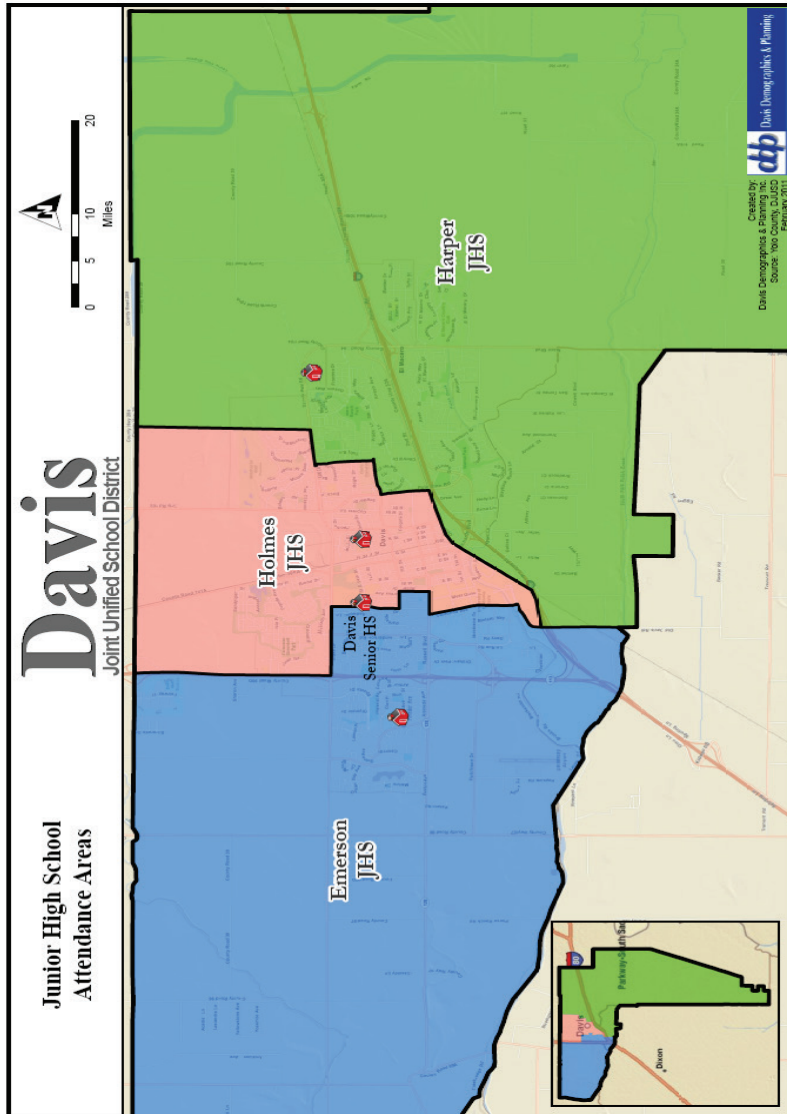
Attendance Area		PATWIN ES										Projection Date	
CURRENT		PROJECTED RESIDENT STUDENTS										10/5/2016	
		2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24	2024/25	2025/26	2026/27	
TK		16	16.7	16.5	16.2	16.0	16.0	16.0	16.0	16.0	16.0		
K		56	58.5	57.7	56.6	56.0	56.0	56.0	56.0	56.0	56.0		
1		61	63.3	66.1	65.2	63.9	63.3	63.3	63.3	63.3	63.3		
2		78	64.0	66.4	69.4	68.4	67.1	66.4	66.4	66.4	66.4		
3		86	78.0	64.0	66.4	69.4	68.4	67.1	66.4	66.4	66.4		
4		69	95.5	86.6	71.1	73.8	77.1	76.0	74.5	73.8	73.8		
5		83	66.9	92.6	84.0	69.0	71.5	74.8	73.7	72.3	71.5		
6		83	85.5	68.9	95.4	86.5	71.0	73.7	77.0	75.9	74.4	73.7	
TK-6		532	528.4	518.8	524.3	503.0	490.4	493.3	493.3	490.1	487.8	487.1	

Attendance Area		PIONEER ES										Projection Date	
CURRENT		PROJECTED RESIDENT STUDENTS										10/5/2016	
		2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24	2024/25	2025/26	2026/27	
TK		11	11.6	11.5	11.3	11.2	11.2	11.2	11.2	11.2	11.2		
K		53	56.0	55.2	54.3	54.0	53.9	53.9	53.9	53.9	53.9		
1		68	57.9	60.8	60.0	59.0	58.4	58.2	58.2	58.2	58.2		
2		77	71.3	60.5	63.5	62.7	61.4	60.7	60.5	60.5	60.5		
3		79	80.0	76.7	65.1	68.3	67.1	65.7	64.9	64.8	64.7		
4		74	81.2	85.0	78.5	66.7	69.8	68.5	67.0	66.2	66.1		
5		97	76.1	83.1	87.0	80.4	68.1	71.2	69.9	68.4	67.6		
6		68	99.6	77.9	85.1	89.1	82.1	69.5	72.6	71.3	69.8	68.9	
TK-6		527	536.7	510.7	504.8	491.4	472.0	458.9	458.2	454.5	452.0	450.8	

Attendance Area		WILLET ES										Projection Date	
CURRENT		PROJECTED RESIDENT STUDENTS										10/5/2016	
		2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24	2024/25	2025/26	2026/27	
TK		6	6.3	6.2	6.1	6.0	6.0	6.0	6.0	6.0	6.0		
K		60	62.7	61.8	60.6	60.0	60.0	60.0	60.0	60.0	60.0		
1		72	65.4	68.3	67.4	66.1	65.4	65.4	65.4	65.4	65.4		
2		82	74.2	67.4	70.4	69.4	68.0	67.4	67.4	67.4	67.4		
3		70	83.6	75.6	68.7	71.8	70.8	69.4	68.7	68.7	68.7		
4		72	70.0	83.6	75.6	68.7	71.8	70.8	69.4	68.7	68.7		
5		91	72.7	70.7	84.5	76.4	69.4	72.5	71.5	70.1	69.4		
6		75	91.9	73.4	71.4	85.3	77.2	70.1	73.2	72.2	70.8	70.1	
TK-6		528	526.8	507.0	504.7	503.7	488.6	481.6	481.6	478.5	476.4	475.7	

Does not include special education students, independent study students and students residing outside of D.J.U.S.D. boundaries





## SECTION 6

### Secondary School Forecast by Residence

Attendance Area	Emerson JHS										Projection Date 10/5/2016
	CURRENT		PROJECTED RESIDENT STUDENTS								
	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24	2024/25	2025/26	2026/27
TK	22	23.0	22.7	22.2	22.0	22.0	22.0	22.0	22.0	22.0	22.0
K	116	121.2	119.5	117.2	116.0	116.0	116.0	116.0	116.0	116.0	116.0
1	133	128.7	134.5	132.5	130.0	128.7	128.7	128.7	128.7	128.7	128.7
2	160	138.2	133.8	139.8	137.8	135.1	133.8	133.8	133.8	133.8	133.8
3	156	161.6	139.7	135.2	141.2	139.2	136.5	135.2	135.2	135.2	135.2
4	141	165.5	170.2	146.7	142.5	148.9	146.7	143.9	142.5	142.5	142.5
5	174	139.7	163.3	168.5	145.4	140.9	147.3	145.2	142.3	140.9	140.9
6	158	177.4	142.4	166.8	171.8	148.2	143.8	150.2	148.1	145.2	143.8
7	141	168.4	188.8	151.6	178.0	183.0	157.7	153.2	160.1	157.8	154.7
8	162	141.3	168.7	188.7	151.5	178.8	183.1	157.6	153.4	160.3	158.0
9	167	172.2	150.1	179.3	201.8	161.9	188.7	195.2	168.6	163.2	170.6
TK-9	1,060	1,055.3	1,026.1	1,028.9	1,006.7	979.0	974.8	975.0	968.6	964.3	962.9
7-9	470	481.9	507.6	519.6	531.3	523.7	529.5	506.0	482.1	481.3	483.3

Attendance Area	Harper JHS										Projection Date 10/5/2016
	CURRENT		PROJECTED RESIDENT STUDENTS								
	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24	2024/25	2025/26	2026/27
TK	34	35.7	35.1	34.5	34.2	34.2	34.2	34.2	34.2	34.2	34.2
K	181	189.8	187.1	183.6	182.0	181.9	181.9	181.9	181.9	181.9	181.9
1	219	191.8	200.7	197.9	194.2	192.2	192.1	192.1	192.1	192.1	192.1
2	227	227.5	199.0	208.2	205.3	201.3	199.1	199.0	198.9	198.9	198.9
3	228	234.5	234.8	204.9	214.4	211.2	206.9	204.7	204.6	204.5	204.5
4	225	234.2	240.6	240.3	210.3	219.8	216.4	212.1	209.8	209.7	209.6
5	255	228.9	237.9	244.4	244.3	213.4	223.0	219.5	215.1	212.9	212.7
6	212	257.2	230.4	239.6	246.2	245.5	214.5	224.1	220.6	216.2	213.9
7	268	210.3	254.6	228.2	237.2	243.5	243.2	212.1	221.7	218.2	213.9
8	254	266.5	209.1	253.7	227.0	235.9	242.1	241.6	210.6	220.1	216.6
9	261	246.2	257.9	202.8	247.0	220.2	229.1	235.1	234.7	204.0	213.2
TK-9	1,581	1,599.6	1,565.6	1,553.4	1,530.9	1,499.5	1,468.1	1,467.6	1,457.2	1,450.4	1,447.8
7-9	783	723.0	721.6	684.7	711.2	699.6	714.4	688.8	667.0	642.3	643.7

Attendance Area	Holmes JHS										Projection Date 10/5/2016
	CURRENT		PROJECTED RESIDENT STUDENTS								
	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24	2024/25	2025/26	2026/27
TK	24	25.4	25.2	24.9	24.8	24.8	24.8	24.7	24.7	24.7	24.8
K	197	208.4	206.8	204.6	203.3	203.4	203.3	203.1	203.1	203.1	203.2
1	185	190.2	200.9	199.7	196.8	194.5	194.0	193.6	193.5	193.5	193.5
2	201	188.4	193.5	204.7	202.6	198.6	195.8	194.9	194.5	194.3	194.3
3	179	208.6	194.8	200.3	210.8	207.5	202.9	199.6	198.7	198.3	198.1
4	174	179.7	209.0	195.5	200.0	209.3	205.6	200.6	197.4	196.5	196.1
5	202	181.9	187.7	218.3	203.9	207.5	216.6	212.2	207.1	203.7	202.8
6	190	205.4	185.2	191.5	221.4	205.5	208.5	217.2	212.8	207.7	204.4
7	205	208.8	225.9	204.8	210.6	241.6	222.6	225.3	234.7	230.0	224.5
8	224	209.6	212.7	230.2	207.9	212.0	241.7	223.6	226.4	235.8	231.1
9	198	228.0	211.8	215.6	233.1	210.0	214.0	244.0	224.9	227.7	237.1
TK-9	1,352	1,388.0	1,403.1	1,439.5	1,463.6	1,451.1	1,451.5	1,445.9	1,431.8	1,421.8	1,417.2
7-9	627	646.4	650.4	650.6	651.6	663.6	678.3	692.9	686.0	693.5	692.7

Does not include special education students, independent study students and students residing outside of D.J.U.S.D. boundaries

**Secondary School Forecast by Residence**

Attendance Area	Davis Senior HS		PROJECTED RESIDENT STUDENTS										Projection Date
	CURRENT		2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24	2024/25	2025/26	2026/27
	TK	80	84.1	83.1	81.8	81.2	81.2	81.2	81.1	81.1	81.1	81.1	81.1
K	494	519.4	513.3	505.4	501.3	501.2	501.2	501.0	501.0	501.0	501.0	501.0	
1	537	510.6	536.1	530.1	521.0	515.4	514.8	514.4	514.2	514.2	514.2	514.2	
2	588	554.1	526.2	552.8	545.7	535.0	528.7	527.6	527.2	527.0	527.0	527.0	
3	563	604.8	569.2	540.3	566.4	557.9	546.3	539.5	538.5	538.0	537.8	537.8	
4	540	579.4	619.8	582.6	552.8	578.0	568.7	556.6	549.7	548.6	548.2	548.2	
5	631	550.4	588.9	631.2	593.6	561.9	586.8	576.9	564.5	557.5	556.4	556.4	
6	560	640.1	557.9	597.9	639.4	599.2	566.8	591.5	581.6	569.1	562.1	562.1	
7	614	587.5	669.3	584.6	625.8	668.1	623.6	590.6	616.4	606.0	593.0	593.0	
8	640	617.4	590.6	672.6	586.4	626.7	667.0	622.7	590.4	616.1	605.7	605.7	
9	626	646.5	619.8	597.7	681.9	592.1	631.8	674.3	628.2	595.0	620.9	620.9	
10	612	627.5	648.1	623.4	599.5	682.1	593.0	630.7	674.3	628.8	596.5	596.5	
11	612	600.5	614.9	637.4	614.2	592.1	672.5	583.7	620.3	664.1	619.2	619.2	
12	601	604.0	592.9	606.3	628.4	607.2	584.6	661.8	574.8	611.1	653.6	653.6	
TK-6	3,993	4,042.9	3,994.5	4,022.1	4,001.4	3,929.8	3,894.5	3,888.6	3,857.8	3,836.5	3,827.8	3,827.8	
7-9	1,880	1,851.4	1,879.7	1,854.9	1,894.1	1,886.9	1,922.4	1,887.6	1,835.0	1,817.1	1,819.6	1,819.6	
10-12	1,825	1,832.0	1,855.9	1,867.1	1,842.1	1,881.4	1,850.1	1,876.2	1,869.4	1,904.0	1,869.3	1,869.3	

Does not include special education students, independent study students and students residing outside of D.J.U.S.D. boundaries



**SECTION 6**



**APPENDIX DEMOGRAPHICS REPORT**

**Residential Development Summary**

Residential Development Summary															10/2024 - 10/2026		
															SFD	MFA	APT
Study Area	SFD	MFA	APT	Total	SFD	MFA	APT	Total	SFD	MFA	APT	Total	SFD	MFA	APT	Total	
30	7	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	
4FA	34	18	20	36	29	20	40	49	22	0	0	0	0	0	0	0	
61A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
688	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
85	8	0	0	8	0	0	8	0	0	0	0	0	0	0	0	0	
104A	8	0	0	8	0	0	8	0	0	0	0	0	0	0	0	0	
109	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Total	65	18	20	51	29	20	55	49	22	46	40	19	21	11	0	0	
Total	119	16/17	116	147/18	126	18/19	116	147/18	119	19/20	86	20/21	24/22	22/23	23/24	24/25	
Total	247	16/17	157	177/18	126	18/19	116	147/18	119	19/20	86	20/21	24/22	22/23	23/24	24/25	
Total	247	16/17	157	177/18	126	18/19	116	147/18	119	19/20	86	20/21	24/22	22/23	23/24	24/25	







**Two-Year Staffing Forecast**

Emerson JHS														
Grade	2013/14 HistRes	2014/15 HistRes	2015/16 HistRes	2016/17 CurrentRes	2017/18 ProjRes	2018/19 ProjRes	EstimIn	EstimOut	2013/14 HistEnr	2014/15 HistEnr	2015/16 HistEnr	2016/17 CurrentEnr	2017/18 ProjEnr	2018/19 ProjEnr
7	150	159	158	141	168.4	188.8	58	-57	148	175	147	139	169	190
8	153	144	161	162	141.3	168.7	59	-61	157	142	174	151	139	167
9	164	156	163	167	172.2	150.1	50	-62	144	167	158	172	160	138
7-9	467	459	482	470	481.9	507.6	167	-180	449	484	479	462	468	495

Harper JHS														
Grade	2013/14 HistRes	2014/15 HistRes	2015/16 HistRes	2016/17 CurrentRes	2017/18 ProjRes	2018/19 ProjRes	EstimIn	EstimOut	2013/14 HistEnr	2014/15 HistEnr	2015/16 HistEnr	2016/17 CurrentEnr	2017/18 ProjEnr	2018/19 ProjEnr
7	280	250	263	268	210.3	254.6	20	-76	214	196	208	218	154	199
8	264	274	259	256	266.5	209.1	21	-69	205	209	201	212	219	161
9	248	249	260	261	246.2	257.9	26	-59	206	204	213	206	213	225
7-9	792	773	782	785	723.0	721.6	67	-204	625	609	622	636	586	585

Holmes JHS														
Grade	2013/14 HistRes	2014/15 HistRes	2015/16 HistRes	2016/17 CurrentRes	2017/18 ProjRes	2018/19 ProjRes	EstimIn	EstimOut	2013/14 HistEnr	2014/15 HistEnr	2015/16 HistEnr	2016/17 CurrentEnr	2017/18 ProjEnr	2018/19 ProjEnr
7	198	196	220	205	208.8	225.9	96	-58	233	219	280	237	247	264
8	203	187	200	224	209.6	212.7	90	-58	251	227	229	275	242	245
9	208	212	188	198	228.0	211.8	107	-59	249	250	222	232	276	260
7-9	609	595	608	627	646.4	650.4	293	-175	733	696	731	744	765	769

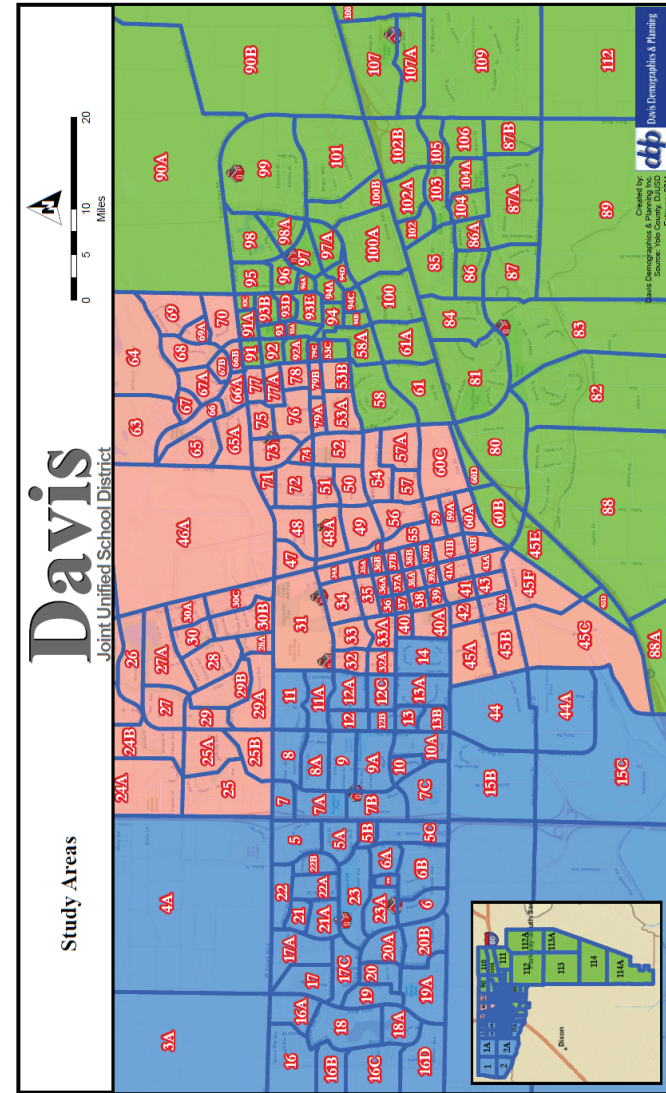
Davis Senior HS Non-Boundary School							
Grade	2013/14 Enrollmt	2014/15 Enrollmt	2015/16 Enrollmt	2013-2018 MobRate	17/18 CurrEnr	17/18 ProjEnr	18/19 ProjEnr
10	571	579	595	-----	580	581	581
11	600	548	558	97.4	593	565	566
12	534	588	530	96.7	532	574	546
10-12	1,705	1,715	1,683	-----	1,705	1,720	1,693

Cesar Chavez ES Non-Boundary School							
Grade	2013/14 Enrollmt	2014/15 Enrollmt	2015/16 Enrollmt	2013-2018 MobRate	17/18 CurrEnr	17/18 ProjEnr	18/19 ProjEnr
K	90	95	99	-----	95	95	95
1	96	95	94	101.4	99	96	96
2	105	94	87	97.2	96	96	93
3	89	106	91	97.6	82	94	94
4	86	83	93	92.3	88	76	87
5	86	81	79	96.6	93	85	73
6	84	84	79	96.7	75	90	82
K-6	636	638	622	-----	628	632	620

King HS Non-Boundary School							
Grade	2013/14 Enrollmt	2014/15 Enrollmt	2015/16 Enrollmt	2013-2018 MobRate	17/18 CurrEnr	17/18 ProjEnr	18/19 ProjEnr
11	14	10	18	-----	11	13	13
12	27	37	32	260	42	29	35
11-12	41	47	50	-----	53	42	48

**SECTION 6**

**LPA APPENDIX DEMOGRAPHICS REPORT**





**Davis Joint Unified School District Masterplan**  
Sacramento, CA  
May 24, 2018

**Davis Joint Unified School District Masterplan**  
Sacramento, CA  
May 24, 2018

**INTRODUCTION**

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**1. Basis Of Estimate**

This cost estimate is based upon documents and quantities provided by LPA, Inc.

**2. Excluded Costs**

The following cost items are excluded from this estimate.

- 1) Escalation is not included. Pricing good through the end of 2018.
- 2) Land purchase costs.
- 3) Off-site work, unless noted otherwise.
- 4) Costs of hazardous material surveys, abatement, and disposal, unless noted otherwise.
- 5) FF&E, unless noted otherwise.

**3. Clarifications**

This estimate is based upon the following assumptions.

- 1) A competitive bid environment at subcontractor and GC level.
- 2) The use of prevailing wage labor rates.
- 3) We are assuming a traditional design -bid - build procurement methodology.
- 4) Unit costs are inclusive of General Conditions, General Requirements, Overhead and Profit, Bonds and Insurance and Design Contingency.
- 5) Softs costs are estimated at 33% per LPA, Inc.

Prepared For LPA, Inc.

Sheet 2 of 80

**SECTION 6**



**APPENDIX  
TOTAL PROGRAM DETAILED COST**

**Davis Joint Unified School District**  
Facilities Master Plan



p. 357

Program Scope	School Site									
	1963/2001	1953/2000	1958/2003	2005	2001	1957/2004	1992	1966/2003	1966/2000	1978
	Birch Lane ES	Cesar Chavez ES	Fairfield ES	Korematsu ES	Marguerite Montgomery ES	North Davis ES	Patwin ES	Pioneer ES	Willett ES	Ralph Waldo Emerson Jr HS
1. Modernize / Reconfigure Existing Classrooms	2,018,000	2,063,000	398,000	-	-	2,010,000	3,098,000	2,329,000	1,998,000	2,190,000
2. Existing Building Systems, Toilets and Improved Energy Efficiency	669,000	494,000	324,000	48,000	1,111,000	793,000	3,287,000	954,000	1,599,000	6,905,000
3. Site Utilities & Infrastructure	389,000	788,000	-	-	-	1,362,000	-	1,327,000	1,228,000	2,496,000
4. New Construction (Classrooms)	13,822,000	6,039,000	114,000	4,288,000	2,742,000	13,568,000	6,529,000	6,466,000	10,372,000	86,000
5. Elementary STEM & JrHS/HS Science Programs	2,074,000	846,000	-	2,904,000	2,593,000	-	489,000	1,038,000	1,456,000	3,121,000
6. JrHS/HS Electives Improvements	-	-	-	-	-	-	-	-	-	1,477,000
7. Music, Drama & Performing Arts Improvements	1,027,000	1,010,000	-	-	-	1,010,000	407,000	-	1,010,000	591,000
8. MPR, Student Union & Food Service Improvements	9,031,000	9,031,000	305,000	-	-	9,122,000	1,744,000	-	9,031,000	2,130,000
9. Physical Education Improvements	-	-	7,000	-	-	-	-	735,000	-	6,583,000
10. Staff and Community Support	1,301,000	1,307,000	-	163,000	401,000	3,290,000	501,000	600,000	3,115,000	4,417,000
11. Library & Student Support Services	2,178,000	2,593,000	48,000	591,000	719,000	3,089,000	2,958,000	1,072,000	2,731,000	3,383,000
12. Safety and Security	1,346,000	1,293,000	285,000	739,000	672,000	1,311,000	1,537,000	1,461,000	1,634,000	2,106,000
13. Bike / Car Parking & Drop-off	1,393,000	1,345,000	-	92,000	58,000	1,154,000	536,000	270,000	787,000	248,000
14. Outdoor Learning Courts, Quads & Gardens	596,000	840,000	-	995,000	1,090,000	320,000	640,000	970,000	711,000	241,000
15. Exterior Play Spaces, Playfields & Hardcourts	1,425,000	1,248,000	203,000	1,022,000	779,000	600,000	648,000	578,000	622,000	1,099,000
16. Next Generation Learning Furniture	848,000	583,000	67,000	636,000	742,000	716,000	663,000	742,000	742,000	663,000
17. Technology Infrastructure & Equipment	749,000	699,000	87,000	611,000	625,000	702,000	621,000	853,000	915,000	1,621,000
<b>TOTAL PROJECT COST</b>	<b>\$ 38,866,000</b>	<b>\$ 30,179,000</b>	<b>\$ 1,838,000</b>	<b>\$ 12,089,000</b>	<b>\$ 11,532,000</b>	<b>\$ 39,047,000</b>	<b>\$ 23,658,000</b>	<b>\$ 19,395,000</b>	<b>\$ 37,951,000</b>	<b>\$ 39,357,000</b>

## SECTION 6



# APPENDIX TOTAL PROGRAM DETAILED COST

									Total
2004	1964/2004	1950/2001	1958/2000	1980s	New		1978/2004		
Frances Harper Jr HS	Oliver Wendell Holmes Jr HS	Davis Senior HS	Da Vinci Charter Academy (JrHS & HS)	Martin Luther King Jr HS	Davis School for Independent Study (DSIS) and District Office	DJUSD Children's Center	Davis Adult and Community Education	Maintenance & Operations	
-	-	-	1,704,000	-	-	-	-	-	17,808,000
55,000	160,000	804,000	1,553,000	55,000	-	48,000	-	-	18,859,000
-	1,869,000	1,921,000	744,000	-	-	539,000	-	-	12,663,000
4,440,000	4,524,000	25,102,000	8,592,000	-	-	5,339,000	-	-	112,023,000
-	-	17,269,000	5,227,000	-	-	-	-	-	37,017,000
-	1,497,000	12,262,000	2,625,000	46,000	-	-	-	-	17,907,000
-	3,322,000	1,418,000	1,010,000	-	-	-	-	-	10,805,000
-	4,191,000	973,000	639,000	75,000	-	-	1,051,000	-	47,323,000
-	-	10,611,000	8,217,000	31,000	-	-	-	-	26,184,000
-	644,000	8,998,000	1,130,000	-	3,990,000	1,320,000	850,000	177,000	32,204,000
-	1,570,000	8,536,000	1,614,000	-	-	970,000	-	-	32,052,000
775,000	1,187,000	4,229,000	1,589,000	42,000	-	261,000	-	-	20,467,000
91,000	1,063,000	396,000	687,000	-	-	554,000	-	-	8,674,000
691,000	969,000	1,263,000	693,000	-	-	-	-	-	10,019,000
882,000	1,051,000	7,648,000	822,000	-	-	328,000	-	-	18,955,000
901,000	928,000	2,120,000	663,000	133,000	-	-	-	-	11,147,000
1,119,000	963,000	2,212,000	650,000	197,000	-	-	-	-	12,624,000
\$ 8,954,000	\$ 23,938,000	\$ 105,762,000	\$ 38,159,000	\$ 579,000	\$ 3,990,000	\$ 9,359,000	\$ 1,901,000	\$ 177,000	\$ 446,731,000

## SECTION 6



### APPENDIX TOTAL PROGRAM DETAILED COST

Construction Cost Summary

	Area	Unit	Unit Cost	Construction Cost Total	Sub Total	Total Project Cost 25% (x 1.33)
<b>1. Modernize / Reconfigure Existing Classrooms</b>				\$ 1,517,000		\$ 2,018,000
Existing classrooms (MEP scope covered in Section C)						
Structural upgrades						
Roof / wall connections	16,140	sf	\$ 15.90	\$ 256,626		
Walls						
Repair existing walls	16,140	sf	\$ 5.30	\$ 85,542		
Windows						
Replace existing windows	16,140	sf	\$ 23.85	\$ 384,939		
Doors						
Repair existing doors	16,140	sf	\$ 5.30	\$ 85,542		
Floors						
Replace existing floors	16,140	sf	\$ 17.49	\$ 282,289		
Ceilings						
Repair existing ceilings	16,140	sf	\$ 13.25	\$ 213,855		
Exteriors						
Patch, repair and paint	16,140	sf	\$ 5.30	\$ 85,542	Paint trim and seal concrete.	
Refurbish covered walkways	2,100	sf	\$ 35.00	\$ 73,500		
ADA upgrades, allowance	16,140	sf	\$ 3.00	\$ 48,420		
<b>2. Existing Building Systems, Toilets and Improved Energy Efficiency</b>				\$ 503,000		\$ 669,000
Restroom upgrades						
Reconfigure	75	sf	\$ 265.00	\$ 19,875	gender neutral restroom	
Building systems						
EMS systems upgrades	18,390	sf	\$ 7.95	\$ 146,201		
Lighting and controls upgrades	18,390	sf	\$ 10.60	\$ 194,934	mod. at 50%	
Convenience power upgrades	18,390	sf	\$ 6.89	\$ 126,707		
Replace drinking fountains with ADA fountains including bottle filler	3	ea	\$ 5,088.00	\$ 15,264		
<b>3. Site Utilities &amp; Infrastructure</b>				\$ 292,000		\$ 389,000
Based on entire campus area, upgrade existing utilities;						
Electrical capacity upgrades	1	ls	\$ 291,500.00	\$ 291,500	to accom. new construction	

Construction Cost Summary

	Area	Unit	Unit Cost	Construction Cost Total	Sub Total	Total Project Cost 25% (x 1.33)
<b>4. New Construction (Classrooms)</b>				\$ 10,392,000		\$ 13,822,000
Pre-school and kindergarten						
Remove portable classrooms	2	ea	\$ 12,720.00	\$ 25,440		
Classrooms, one story building	3,630	sf	\$ 467.46	\$ 1,696,880		
Site improvements surrounding building pad	3,630	sf	\$ 44.52	\$ 161,608		
Student collaboration lab						
Classrooms, two story building	2,554	sf	\$ 514.10	\$ 1,312,806		
Site improvements surrounding building pad	1,277	sf	\$ 44.52	\$ 56,843		
Elementary school						
Remove portable classrooms	10	ea	\$ 12,720.00	\$ 127,200		
Classrooms, two story building	12,768	sf	\$ 526.82	\$ 6,726,438		
Site improvements surrounding building pad	6,384	sf	\$ 44.52	\$ 284,216		
<b>5. Elementary STEM &amp; JrHS/HS Science Programs</b>				\$ 1,559,000		\$ 2,074,000
Elementary science and STEM labs						
Lab classrooms, one story building	2,640	sf	\$ 545.90	\$ 1,441,176		
Site improvements surrounding building pad	2,640	sf	\$ 44.52	\$ 117,533		
<b>6. JrHS/HS Electives Improvements</b>				\$ -		\$ -
No scope in this category						
<b>7. Music, Drama &amp; Performing Arts Improvements</b>				\$ 772,000		\$ 1,027,000
Remove portable classrooms						
Music lab classroom	1	sf	\$ 12,720.00	\$ 12,720		
Lab classrooms, one story building	1,320	sf	\$ 530.00	\$ 699,600		
Site improvements surrounding building pad	1,320	sf	\$ 44.52	\$ 58,766		
<b>8. MPR, Student Union &amp; Food Service Improvements</b>				\$ 6,790,000		\$ 9,031,000
Multi-purpose rooms						
MPR, one story building	8,388	sf	\$ 583.00	\$ 4,889,913		
Site improvements surrounding building pad	8,388	sf	\$ 44.52	\$ 373,412		
Food service						
Food service, one story building	1,650	sf	\$ 694.30	\$ 1,145,595		
Site improvements surrounding building pad	1,650	sf	\$ 44.52	\$ 73,458		
New trash enclosure	1	ea	\$ 53,000.00	\$ 53,000		
New lunch shelter	2,400	sf	\$ 106.00	\$ 254,400		
<b>9. Physical Education Improvements</b>				\$ -		\$ -
No scope in this category						

SECTION 6



APPENDIX  
TOTAL PROGRAM DETAILED COST



Construction Cost Summary

	Area	Unit	Unit Cost	Construction Cost Total	Sub Total	Total Project Cost 25% (x 1.33)
<b>10. Staff and Community Support</b>				\$ 978,000	\$	1,301,000
Demolish existing buildings	1,200	sf	\$ 26.50	\$ 31,800		
Administration Reconfigure	2,250	sf	\$ 270.30	\$ 608,175		
Staff work rooms Reconfigure	1,250	sf	\$ 270.30	\$ 337,875		
<b>11. Library &amp; Student Support Services</b>				\$ 1,637,000	\$	2,178,000
Elementary school library and innovation lab Reconfigure	3,840	sf	\$ 286.20	\$ 1,099,008		
Learning center Reconfigure	1,920	sf	\$ 279.84	\$ 537,293		
<b>12. Safety and Security</b>				\$ 1,012,000	\$	1,346,000
Decorative metal fencing and gates	1,140	lf	\$ 296.80	\$ 338,352		
Rolling decorative metal gate	3	ea	\$ 47,700.00	\$ 143,100		
New exterior lighting for student safety	1	ls	\$ 80,000.00	\$ 80,000		
New safety locks to existing classroom doors	37	ea	\$ 1,351.50	\$ 50,006		
New emergency signs and posts	1	ls	\$ 38,160.00	\$ 38,160		
New marquee sign	1	ea	\$ 21,200.00	\$ 21,200		
Low voltage upgrades						
Fire alarm system	18,390	sf	\$ 6.36	\$ 116,960		
New fire alarm head end equipment, allowance	1	ls	\$ 26,500.00	\$ 26,500		
Emergency lighting	18,390	sf	\$ 1.70	\$ 31,189		
PA / emergency communication systems	18,390	sf	\$ 9.01	\$ 165,694		
Intrusion alarms	18,390	sf	\$ 2.12	Excluded		
Other security systems	18,390	sf	\$ 2.54	Excluded	cameras	
<b>13. Bike / Car Parking &amp; Drop-off</b>				\$ 1,047,000	\$	1,393,000
New parking lot	16,200	sf	\$ 19.08	\$ 309,096		
New drop-off area	14,250	sf	\$ 21.20	\$ 302,100		
Slurry access road	7,500	sf	\$ 12.47	\$ 93,532		
New concrete pedestrian paving	4,500	sf	\$ 19.08	\$ 85,860		
Entry plaza upgrades	3,000	sf	\$ 30.74	\$ 92,220		
Bike parking incl. fencing and gates, AC paving and bike rac	7,850	sf	\$ 20.87	\$ 163,830		
<b>14. Outdoor Learning Courts, Quads &amp; Gardens</b>				\$ 448,000	\$	596,000
New student quad	13,050	sf	\$ 19.29	\$ 251,761		
New learning courts	9,471	sf	\$ 20.67	\$ 195,766		

Construction Cost Summary

	Area	Unit	Unit Cost	Construction Cost Total	Sub Total	Total Project Cost 25% (x 1.33)
<b>15. Exterior Play Spaces, Playfields &amp; Hardcourts</b>				\$ 1,071,000	\$	1,425,000
Pre-school and kindergarten play yard						
New rubber surfacing	1,500	sf	\$ 23.32	\$ 34,980		
Shade structure	1,200	sf	\$ 53.00	\$ 63,600		
Minor repairs to hardcourts	4,800	sf	\$ 4.24	\$ 20,352		
Elementary play yard and hardcourts						
New rubber surfacing	9,000	sf	\$ 23.32	\$ 209,880		
Slurry and stripe existing hardcourts	55,450	sf	\$ 4.24	\$ 235,108		
New hardcourts	15,675	sf	\$ 12.72	\$ 199,386		
New basketball courts and hoops	6	ea	\$ 5,830.00	\$ 34,980		
New ball walls	1	ea	\$ 10,600.00	\$ 10,600		
Repair playfields	136,600	sf	\$ 0.80	\$ 108,597	minor repairs	
Baseball and softball fields						
New backstop	2	ea	\$ 29,150.00	\$ 58,300		
New bike path	4,500	sf	\$ 21.06	\$ 94,770		
<b>16. Next Generation Learning Furniture</b>				\$ 848,000	\$	848,000
Flexible furniture per classroom (direct cost)	32	ea	\$ 26,500.00	\$ 848,000		
<b>17. Technology Infrastructure &amp; Equipment</b>				\$ 749,000	\$	749,000
Classroom tech package - smart boards, projector, project mounts, flat screen monitor, audio system, etc. (direct cost)	32	ea	\$ 12,720.00	\$ 407,040		
Upgrade backbone, wireless access points, and switches (direct cost)	18,390	sf	\$ 9.28	\$ 170,567		
Upgrade fiber to support (direct cost)	18,390	sf	\$ 9.28	\$ 170,567		
<b>TOTAL PROJECT COSTS (2018\$)</b>				\$ 29,615,000	\$	38,866,000

SECTION 6



APPENDIX  
TOTAL PROGRAM DETAILED COST



Construction Cost Summary

	Area	Unit	Unit Cost	Construction Cost		Total Project Cost 25% (x 1.33)
				Total	Sub	
<b>1. Modernize / Reconfigure Existing Classrooms</b>				\$	1,551,000	\$ 2,063,000
Existing classrooms (MEP scope covered in Section C)						
Walls						
Repair existing walls	14,400	sf	\$ 5.30	\$	76,320	
Windows						
Replace existing windows	14,400	sf	\$ 53.66	\$	772,740	includes clerestory
Doors						
Repair existing doors	14,400	sf	\$ 5.30	\$	76,320	
Floors						
Replace existing floors	14,400	sf	\$ 17.49	\$	251,856	
Ceilings						
Repair existing ceilings	14,400	sf	\$ 13.25	\$	190,800	
Exteriors						
Patch, repair and paint	14,400	sf	\$ 5.30	\$	76,320	
Refurbish covered walkways	1,800	sf	\$ 35.00	\$	63,000	
ADA upgrades, allowance	14,400	sf	\$ 3.00	\$	43,200	
<b>2. Existing Building Systems, Toilets and Improved Energy Efficiency</b>				\$	371,000	\$ 494,000
Restroom upgrades						
Reconfigure	75	sf	\$ 265.00	\$	19,875	gender neutral restroom
Building systems						
EMS systems upgrades	22,595	sf	\$ 7.95	\$	179,630	
Convenience power upgrades	22,595	sf	\$ 6.89	\$	155,680	
Replace drinking fountains with ADA fountains including bottle filler	3	ea	\$ 5,088.00	\$	15,264	
<b>3. Site Utilities &amp; Infrastructure</b>				\$	592,000	\$ 788,000
Based on entire campus area, upgrade existing utilities;						
Natural gas service	435,600	sf	\$ 0.21	\$	92,347	mod. at 50%
Sanitary sewer service	435,600	sf	\$ 0.42	\$	184,694	mod. at 50%
Storm drain service	435,600	sf	\$ 0.05	\$	23,087	mod. at 50%
Electrical capacity upgrades	1	ls	\$ 291,500.00	\$	291,500	
<b>4. New Construction (Classrooms)</b>				\$	4,540,000	\$ 6,039,000
Pre-school and kindergarten						
Classrooms, one story building	4,455	sf	\$ 467.46	\$	2,082,534	
Site improvements surrounding building pad	4,455	sf	\$ 44.52	\$	198,337	
Elementary school						
Remove portable classrooms	4	ea	\$ 12,720.00	\$	50,880	
Classrooms, one story building	4,224	sf	\$ 478.06	\$	2,019,325	
Site improvements surrounding building pad	4,224	sf	\$ 44.52	\$	188,052	

Construction Cost Summary

	Area	Unit	Unit Cost	Construction Cost		Total Project Cost 25% (x 1.33)
				Total	Sub	
<b>5. Elementary STEM &amp; JrHS/HS Science Programs</b>				\$	636,000	\$ 846,000
Remove portable classrooms						
	2	ea	\$ 12,720.00	\$	25,440	
Elementary science and STEM labs						
Reconfigure	1,920	sf	\$ 318.00	\$	610,560	
<b>6. JrHS/HS Electives Improvements</b>				\$	-	\$ -
No scope in this category						
<b>7. Music, Drama &amp; Performing Arts Improvements</b>				\$	759,000	\$ 1,010,000
Music lab classroom						
Lab classrooms, one story building	1,320	sf	\$ 530.00	\$	699,600	
Site improvements surrounding building pad	1,320	sf	\$ 44.52	\$	58,766	
<b>8. MPR, Student Union &amp; Food Service Improvements</b>				\$	6,790,000	\$ 9,031,000
Multi-purpose rooms						
MPR, one story building	8,388	sf	\$ 583.00	\$	4,889,913	
Site improvements surrounding building pad	8,388	sf	\$ 44.52	\$	373,412	
Food service						
Food service, one story building	1,650	sf	\$ 694.30	\$	1,145,595	
Site improvements surrounding building pad	1,650	sf	\$ 44.52	\$	73,458	
New trash enclosure	1	ea	\$ 53,000.00	\$	53,000	
New lunch shelter	2,400	sf	\$ 106.00	\$	254,400	
<b>9. Physical Education Improvements</b>				\$	-	\$ -
No scope in this category						
<b>10. Staff and Community Support</b>				\$	982,000	\$ 1,307,000
Demolish existing buildings						
	1,000	sf	\$ 26.50	\$	26,500	
Administration						
Moderate modernization	300	sf	\$ 143.10	\$	42,930	
Reconfigure	1,950	sf	\$ 270.30	\$	527,085	
Staff work rooms						
Reconfigure	1,425	sf	\$ 270.30	\$	385,178	

SECTION 6



APPENDIX  
TOTAL PROGRAM DETAILED COST





Construction Cost Summary

	Area	Unit	Unit Cost	Construction Cost		Total Project Cost 25% (x 1.33)
				Total	Sub	
<b>11. Library &amp; Student Support Services</b>				\$	1,949,000	\$ 2,593,000
Elementary school library and innovation lab						
Reconfigure	2,600	sf	\$ 286.20	\$	744,120	
Add for louvered skylight to match improvements at Da Vi Learning center	1	ls	\$ 125,000.00	\$	125,000	Match improvements
Classrooms, one story building	2,112	sf	\$ 466.40	\$	985,037	
Site improvements surrounding building pad	2,112	sf	\$ 44.52	\$	94,026	
<b>12. Safety and Security</b>				\$	972,000	\$ 1,293,000
Repair concrete pedestrian paving	4,290	sf	\$ 11.66	\$	50,021	
New covered walkways	400	sf	\$ 106.00	\$	42,400	
Decorative metal fencing and gates	825	lf	\$ 296.80	\$	244,860	
Rolling decorative metal gate	1	ea	\$ 47,700.00	\$	47,700	
New exterior lighting for student safety	1	ls	\$ 80,000.00	\$	80,000	
New safety locks to existing classroom doors	26	ea	\$ 1,351.50	\$	35,139	
New emergency signs and posts	1	ls	\$ 38,160.00	\$	38,160	
New marquee sign	1	ea	\$ 21,200.00	\$	21,200	
Low voltage upgrades						
Fire alarm system	22,595	sf	\$ 6.36	\$	143,704	
New fire alarm head end equipment, allowance	1	ls	\$ 26,500.00	\$	26,500	
Emergency lighting	22,595	sf	\$ 1.70	\$	38,321	
PA / emergency communication systems	22,595	sf	\$ 9.01	\$	203,581	
Intrusion alarms	22,595	sf	\$ 2.12	Excluded		
Other security systems	22,595	sf	\$ 2.54	Excluded		cameras
<b>13. Bike / Car Parking &amp; Drop-off</b>				\$	1,011,000	\$ 1,345,000
New parking lot	23,300	sf	\$ 19.08	\$	444,564	
New drop-off area	9,250	sf	\$ 21.20	\$	196,100	
New access road	3,500	sf	\$ 19.19	\$	67,151	
New concrete pedestrian paving	2,500	sf	\$ 19.08	\$	47,700	
Entry plaza upgrades	3,600	sf	\$ 30.74	\$	110,664	
Bike parking incl. fencing and gates, AC paving and bike rac	6,900	sf	\$ 20.87	\$	144,003	
<b>14. Outdoor Learning Courts, Quads &amp; Gardens</b>				\$	631,000	\$ 840,000
New learning courts	22,400	sf	\$ 23.43	\$	524,742	
New student garden	5,000	sf	\$ 21.20	\$	106,000	

Construction Cost Summary

	Area	Unit	Unit Cost	Construction Cost		Total Project Cost 25% (x 1.33)
				Total	Sub	
<b>15. Exterior Play Spaces, Playfields &amp; Hardcourts</b>				\$	938,000	\$ 1,248,000
Pre-school and kindergarten play yard						
New rubber surfacing	1,200	sf	\$ 23.32	\$	27,984	
Shade structure	1,200	sf	\$ 53.00	\$	63,600	
Elementary play yard and hardcourts						
New rubber surfacing	4,200	sf	\$ 23.32	\$	97,944	
New hardcourts	32,000	sf	\$ 12.72	\$	407,040	
New basketball courts and hoops	8	ea	\$ 5,830.00	\$	46,640	
New ball walls	1	ea	\$ 10,600.00	\$	10,600	
Repair playfields	104,000	sf	\$ 1.11	\$	115,752	minor repairs and irrigation pump
Baseball and softball fields						
New backstop	1	ea	\$ 29,150.00	\$	29,150	
New bike path	6,600	sf	\$ 21.06	\$	138,996	
<b>16. Next Generation Learning Furniture</b>				\$	583,000	\$ 583,000
Flexible furniture per classroom (direct cost)	22	ea	\$ 26,500.00	\$	583,000	
<b>17. Technology Infrastructure &amp; Equipment</b>				\$	699,000	\$ 699,000
Classroom tech package - smart boards, projector, project mounts, flat screen monitor, audio system, etc. (direct cost)	22	ea	\$ 12,720.00	\$	279,840	
Upgrade backbone, wireless access points, and switches (direct cost)	22,595	sf	\$ 9.28	\$	209,569	
Upgrade fiber to support (direct cost)	22,595	sf	\$ 9.28	\$	209,569	
<b>TOTAL PROJECT COSTS (2018\$)</b>				\$	23,001,000	\$ 30,179,000

SECTION 6



APPENDIX  
TOTAL PROGRAM DETAILED COST



Construction Cost Summary

	Area	Unit	Unit Cost	Construction Cost Total	Sub-Total	Total Project Cost 25% (x 1.33)
<b>1. Modernize / Reconfigure Existing Classrooms</b>				\$ 299,000		\$ 398,000
Existing classrooms (MEP scope covered in Section C)						
Walls						
Repair existing walls	2,520	sf	\$ 5.30	\$ 13,356		
Windows						
Replace existing windows	2,520	sf	\$ 23.85	\$ 60,102		
Doors						
Repair existing doors	2,520	sf	\$ 5.30	\$ 13,356		
Floors						
Replace existing floors	2,520	sf	\$ 17.49	\$ 44,075		
Ceilings						
Replace existing ceilings	2,520	sf	\$ 26.50	\$ 66,780		
Exteriors						
Patch, repair and paint	2,520	sf	\$ 5.30	\$ 13,356		
Roofing						
Replace roofing	2,970	sf	\$ 26.50	\$ 78,705		
ADA upgrades, allowance	2,970	sf	\$ 3.00	\$ 8,910		
<b>2. Existing Building Systems, Toilets and Improved Energy Efficiency</b>				\$ 243,000		\$ 324,000
Restroom upgrades						
Reconfigure	75	sf	\$ 265.00	\$ 19,875	gender neutral restroom	
Building systems						
HVAC upgrades	2,970	sf	\$ 33.92	\$ 100,742		
EMS systems upgrades	2,970	sf	\$ 7.95	\$ 23,612		
Lighting and controls upgrades	2,970	sf	\$ 21.20	\$ 62,964		
Convenience power upgrades	2,970	sf	\$ 6.89	\$ 20,463		
Replace drinking fountains with ADA fountains including bottle filler	3	ea	\$ 5,088.00	\$ 15,264		
<b>3. Site Utilities &amp; Infrastructure</b>				\$ -		\$ -
No scope in this category						
<b>4. New Construction (Classrooms)</b>				\$ 85,000		\$ 114,000
Student collaboration lab						
Classrooms, one story building	165	sf	\$ 466.40	\$ 76,956	enclose porch	
Site improvements surrounding building pad	165	sf	\$ 44.52	\$ 7,346		
<b>5. Elementary STEM &amp; JrHS/HS Science Programs</b>				\$ -		\$ -
No scope in this category						

Construction Cost Summary

	Area	Unit	Unit Cost	Construction Cost Total	Sub-Total	Total Project Cost 25% (x 1.33)
<b>6. JrHS/HS Electives Improvements</b>				\$ -		\$ -
No scope in this category						
<b>7. Music, Drama &amp; Performing Arts Improvements</b>				\$ -		\$ -
No scope in this category						
<b>8. MPR, Student Union &amp; Food Service Improvements</b>				\$ 229,000		\$ 305,000
Food service						
Reconfigure	225	sf	\$ 418.70	\$ 94,208		
New kitchen equipment, allowance	225	sf	\$ 79.50	\$ 17,888		
New trash enclosure	1	ea	\$ 53,000.00	\$ 53,000		
New lunch shelter	600	sf	\$ 106.00	\$ 63,600		
<b>9. Physical Education Improvements</b>				\$ 5,000		\$ 7,000
Relocate PE storage shed	1	ea	\$ 4,452.00	\$ 4,452		
<b>10. Staff and Community Support</b>				\$ -		\$ -
No scope in this category						
<b>11. Library &amp; Student Support Services</b>				\$ 36,000		\$ 48,000
Elementary school library and innovation lab						
Moderate modernization	225	sf	\$ 159.00	\$ 35,775		
<b>12. Safety and Security</b>				\$ 214,000		\$ 285,000
New covered walkways	350	sf	\$ 106.00	\$ 37,100		
Rolling decorative metal gate	1	ea	\$ 47,700.00	\$ 47,700		
New exterior lighting for student safety	1	ls	\$ 15,000.00	\$ 15,000		
New safety locks to existing classroom doors	6	ea	\$ 1,351.50	\$ 8,109		
New emergency signs and posts	1	ls	\$ 7,632.00	\$ 7,632		
New marquee sign	1	ea	\$ 21,200.00	\$ 21,200		
Low voltage upgrades						
Fire alarm system	2,970	sf	\$ 6.36	\$ 18,889		
New fire alarm head end equipment, allowance	1	ls	\$ 26,500.00	\$ 26,500		
Emergency lighting	2,970	sf	\$ 1.70	\$ 5,037		
PA / emergency communication systems	2,970	sf	\$ 9.01	\$ 26,760		
Intrusion alarms	2,970	sf	\$ 2.12	Excluded		
Other security systems	2,970	sf	\$ 2.54	Excluded	cameras	
<b>13. Bike / Car Parking &amp; Drop-off</b>				\$ -		\$ -
No scope in this category						

SECTION 6



APPENDIX  
TOTAL PROGRAM DETAILED COST



Construction Cost Summary

	Area	Unit	Unit Cost	Construction Cost Total	Sub-Total	Total Project Cost 25% (x 1.33)
<b>14. Outdoor Learning Courts, Quads &amp; Gardens</b>				\$ -		\$ -
No scope in this category						
<b>15. Exterior Play Spaces, Playfields &amp; Hardcourts</b>				\$ 152,000		\$ 203,000
Elementary play yard and hardcourts						
New rubber surfacing	2,200	sf	\$ 23.32	\$ 51,304		
Repair playfields	26,000	sf	\$ 0.80	\$ 20,670	repair irrigation	
New fitness course	1	ea	\$ 79,500.00	\$ 79,500		
<b>16. Next Generation Learning Furniture</b>				\$ 67,000		\$ 67,000
Flexible furniture per classroom (direct cost)						
	2.5	ea	\$ 26,500.00	\$ 66,250		
<b>17. Technology Infrastructure &amp; Equipment</b>				\$ 87,000		\$ 87,000
Classroom tech package - smart boards, projector, project mounts, flat screen monitor, audio system, etc. (direct cost)						
	2.5	ea	\$ 12,720.00	\$ 31,800		
Upgrade backbone, wireless access points, and switches (direct cost)						
	2,970	sf	\$ 9.28	\$ 27,547		
Upgrade fiber to support (direct cost)						
	2,970	sf	\$ 9.28	\$ 27,547		
<b>TOTAL PROJECT COSTS (2018\$)</b>				\$ 1,416,000		\$ 1,838,000

Construction Cost Summary

	Area	Unit	Unit Cost	Construction Cost Total	Sub-Total	Total Project Cost 25% (x 1.33)
<b>1. Modernize / Reconfigure Existing Classrooms</b>				\$ -		\$ -
No scope in this category						
<b>2. Existing Building Systems, Toilets and Improved Energy Efficiency</b>				\$ 36,000		\$ 48,000
Restroom upgrades						
Reconfigure	75	sf	\$ 265.00	\$ 19,875	gender neutral restroom	
Replace drinking fountains with ADA fountains including bottle filler	3	ea	\$ 5,088.00	\$ 15,264		
<b>3. Site Utilities &amp; Infrastructure</b>				\$ -		\$ -
No scope in this category						
<b>4. New Construction (Classrooms)</b>				\$ 3,224,000		\$ 4,288,000
Pre-school and kindergarten						
Relocate portable classrooms	2	ea	\$ 29,680.00	\$ 59,360		
Classrooms, one story building	2,970	sf	\$ 467.46	\$ 1,388,356		
Site improvements surrounding building pad	2,970	sf	\$ 44.52	\$ 132,224		
Student collaboration lab						
Classrooms, one story building	1,056	sf	\$ 466.40	\$ 492,518		
Site improvements surrounding building pad	1,056	sf	\$ 44.52	\$ 47,013		
Elementary school						
Classrooms, one story building	2,112	sf	\$ 478.06	\$ 1,009,663		
Site improvements surrounding building pad	2,112	sf	\$ 44.52	\$ 94,026		
<b>5. Elementary STEM &amp; JrHS/HS Science Programs</b>				\$ 2,183,000		\$ 2,904,000
Elementary science and STEM labs						
Lab classrooms, one story building	3,696	sf	\$ 545.90	\$ 2,017,646		
Site improvements surrounding building pad	3,696	sf	\$ 44.52	\$ 164,546		
<b>6. JrHS/HS Electives Improvements</b>				\$ -		\$ -
No scope in this category						
<b>7. Music, Drama &amp; Performing Arts Improvements</b>				\$ -		\$ -
No scope in this category						
<b>8. MPR, Student Union &amp; Food Service Improvements</b>				\$ -		\$ -
No scope in this category						
<b>9. Physical Education Improvements</b>				\$ -		\$ -
No scope in this category						

SECTION 6



APPENDIX  
TOTAL PROGRAM DETAILED COST



Construction Cost Summary

	Area	Unit	Unit Cost	Construction Cost Sub-Total	Total Project Cost 25% (x 1.33)
<b>10. Staff and Community Support</b>				\$ 122,000	\$ 163,000
Administration Reconfigure	450	sf	\$ 270.30	\$ 121,635	
<b>11. Library &amp; Student Support Services</b>				\$ 444,000	\$ 591,000
Elementary school library and innovation lab Reconfigure	1,225	sf	\$ 143.10	\$ 175,298	mod. at 50%
Learning center Reconfigure	960	sf	\$ 279.84	\$ 268,646	
<b>12. Safety and Security</b>				\$ 555,000	\$ 739,000
Decorative metal fencing and gates	780	lf	\$ 296.80	\$ 231,504	
Rolling decorative metal gate	3	ea	\$ 47,700.00	\$ 143,100	
New exterior lighting for student safety	1	ls	\$ 80,000.00	\$ 80,000	
New safety locks to existing classroom doors	30	ea	\$ 1,351.50	\$ 40,545	
New emergency signs and posts	1	ls	\$ 38,160.00	\$ 38,160	
New marquee sign	1	ea	\$ 21,200.00	\$ 21,200	
Low voltage upgrades					
Intrusion alarms	30,125	sf	\$ 2.12	Excluded	
Other security systems	30,125	sf	\$ 2.54	Excluded	cameras
<b>13. Bike / Car Parking &amp; Drop-off</b>				\$ 69,000	\$ 92,000
Bike parking incl. fencing and gates, AC paving and bike rack	3,300	sf	\$ 20.87	\$ 68,871	
<b>14. Outdoor Learning Courts, Quads &amp; Gardens</b>				\$ 748,000	\$ 995,000
New student quad	8,400	sf	\$ 27.56	\$ 231,504	
New learning courts	5,750	sf	\$ 27.56	\$ 158,470	
New student amphitheater	4,800	sf	\$ 47.70	\$ 228,960	
Shade structure	2,400	sf	\$ 53.50	\$ 128,400	
<b>15. Exterior Play Spaces, Playfields &amp; Hardcourts</b>				\$ 768,000	\$ 1,022,000
Pre-school and kindergarten play yard					
New rubber surfacing	2,000	sf	\$ 23.32	\$ 46,640	
Shade structure	1,200	sf	\$ 53.00	\$ 63,600	
New hardcourts	4,000	sf	\$ 12.72	\$ 50,880	
Elementary play yard and hardcourts					
New rubber surfacing	8,400	sf	\$ 23.32	\$ 195,888	
Resurface and repair hardcourts	64,600	sf	\$ 6.36	\$ 410,856	repair not recommended, replacement is ideal

Construction Cost Summary

	Area	Unit	Unit Cost	Construction Cost Sub-Total	Total Project Cost 25% (x 1.33)
<b>16. Next Generation Learning Furniture</b>				\$ 636,000	\$ 636,000
Flexible furniture per classroom (direct cost)	24	ea	\$ 26,500.00	\$ 636,000	
<b>17. Technology Infrastructure &amp; Equipment</b>				\$ 611,000	\$ 611,000
Classroom tech package - smart boards, projector, project mounts, flat screen monitor, audio system, etc. (direct cost)	26	ea	\$ 12,720.00	\$ 330,720	
Upgrade backbone, wireless access points, and switches (direct cost)	30,125	sf	\$ 4.64	\$ 139,705	all CR's at 50%
Upgrade fiber to support (direct cost)	30,125	sf	\$ 4.64	\$ 139,705	all CR's at 50%
<b>TOTAL PROJECT COSTS (2018\$)</b>				\$ 9,394,000	\$ 12,041,000

SECTION 6



APPENDIX  
TOTAL PROGRAM DETAILED COST



Construction Cost Summary

	Area	Unit	Unit Cost	Construction Cost Total	Sub-Total	Total Project Cost 25% (x 1.33)
<b>1. Modernize / Reconfigure Existing Classrooms</b>				\$ -		\$ -
No scope in this category						
<b>2. Existing Building Systems, Toilets and Improved Energy Efficiency</b>				\$ 835,000		\$ 1,111,000
Restroom upgrades						
Reconfigure	275	sf	\$ 265.00	\$ 72,875		includes gender neutral restroom
Restroom, one story building	1,056	sf	\$ 662.50	\$ 699,600		
Site improvements surrounding building pad	1,056	sf	\$ 44.52	\$ 47,013		
Replace drinking fountains with ADA fountains including bottle filler	3	ea	\$ 5,088.00	\$ 15,264		
<b>3. Site Utilities &amp; Infrastructure</b>				\$ -		\$ -
No scope in this category						
<b>4. New Construction (Classrooms)</b>				\$ 2,061,000		\$ 2,742,000
Pre-school and kindergarten						
Classrooms, one story building	2,970	sf	\$ 467.46	\$ 1,388,356		
Site improvements surrounding building pad	2,970	sf	\$ 44.52	\$ 132,224		
Student collaboration lab						
Classrooms, one story building	1,056	sf	\$ 466.40	\$ 492,518		
Site improvements surrounding building pad	1,056	sf	\$ 44.52	\$ 47,013		
<b>5. Elementary STEM &amp; JrHS/HS Science Programs</b>				\$ 1,949,000		\$ 2,593,000
Elementary science and STEM labs						
Lab classrooms, one story building	3,300	sf	\$ 545.90	\$ 1,801,470		
Site improvements surrounding building pad	3,300	sf	\$ 44.52	\$ 146,916		
<b>6. JrHS/HS Electives Improvements</b>				\$ -		\$ -
No scope in this category						
<b>7. Music, Drama &amp; Performing Arts Improvements</b>				\$ -		\$ -
No scope in this category						
<b>8. MPR, Student Union &amp; Food Service Improvements</b>				\$ -		\$ -
No scope in this category						
<b>9. Physical Education Improvements</b>				\$ -		\$ -
No scope in this category						

Construction Cost Summary

	Area	Unit	Unit Cost	Construction Cost Total	Sub-Total	Total Project Cost 25% (x 1.33)
<b>10. Staff and Community Support</b>				\$ 301,000		\$ 401,000
Administration						
Reconfigure	400	sf	\$ 270.30	\$ 108,120		
Staff work rooms						
Reconfigure	1,025	sf	\$ 135.15	\$ 138,529		mod. at 50%
Parent resource center						
Reconfigure	200	sf	\$ 270.30	\$ 54,060		
<b>11. Library &amp; Student Support Services</b>				\$ 540,000		\$ 719,000
Learning center						
Classrooms, one story building	1,056	sf	\$ 466.40	\$ 492,518		
Site improvements surrounding building pad	1,056	sf	\$ 44.52	\$ 47,013		
<b>12. Safety and Security</b>				\$ 505,000		\$ 672,000
Decorative metal fencing and gates						
Decorative metal fencing and gates	610	lf	\$ 296.80	\$ 181,048		
Rolling decorative metal gate						
Rolling decorative metal gate	3	ea	\$ 47,700.00	\$ 143,100		
New exterior lighting for student safety						
New exterior lighting for student safety	1	ls	\$ 80,000.00	\$ 80,000		
New safety locks to existing classroom doors						
New safety locks to existing classroom doors	30	ea	\$ 1,351.50	\$ 40,545		
New emergency signs and posts						
New emergency signs and posts	1	ls	\$ 38,160.00	\$ 38,160		
New marquee sign						
New marquee sign	1	ea	\$ 21,200.00	\$ 21,200		
Low voltage upgrades						
Intrusion alarms	28,910	sf	\$ 2.12	Excluded		
Other security systems	28,910	sf	\$ 2.54	Excluded		cameras
<b>13. Bike / Car Parking &amp; Drop-off</b>				\$ 43,000		\$ 58,000
Bike parking incl. fencing and gates, AC paving and bike rack						
Bike parking incl. fencing and gates, AC paving and bike rack	2,025	sf	\$ 20.87	\$ 42,262		
<b>14. Outdoor Learning Courts, Quads &amp; Gardens</b>				\$ 819,000		\$ 1,090,000
New student quad						
New student quad	8,425	sf	\$ 27.56	\$ 232,193		
New learning courts						
New learning courts	8,300	sf	\$ 27.56	\$ 228,748		
New student amphitheater						
New student amphitheater	4,800	sf	\$ 47.70	\$ 228,960		
Shade structure						
Shade structure	2,400	sf	\$ 53.50	\$ 128,400		

SECTION 6



APPENDIX  
TOTAL PROGRAM DETAILED COST



Construction Cost Summary

	Area	Unit	Unit Cost	Construction Cost Sub-Total	Total Project Cost 25% (x 1.33)
<b>15. Exterior Play Spaces, Playfields &amp; Hardcourts</b>				<b>\$ 585,000</b>	<b>\$ 779,000</b>
Pre-school and kindergarten play yard					
New rubber surfacing	3,000	sf	\$ 23.32	\$ 69,960	
Play apparatus	1	ea	\$ 81,620.00	\$ 81,620	
Shade structure	1,200	sf	\$ 53.00	\$ 63,600	
Slurry and stripe existing hardcourts	4,500	sf	\$ 4.24	\$ 19,080	
Elementary play yard and hardcourts					
New rubber surfacing	5,400	sf	\$ 23.32	\$ 125,928	
Resurface and repair hardcourts	35,300	sf	\$ 6.36	\$ 224,508	repair not recommended, replacement is ideal
<b>16. Next Generation Learning Furniture</b>				<b>\$ 742,000</b>	<b>\$ 742,000</b>
Flexible furniture per classroom (direct cost)	28	ea	\$ 26,500.00	\$ 742,000	
<b>17. Technology Infrastructure &amp; Equipment</b>				<b>\$ 625,000</b>	<b>\$ 625,000</b>
Classroom tech package - smart boards, projector, project mounts, flat screen monitor, audio system, etc. (direct cost)	28	ea	\$ 12,720.00	\$ 356,160	
Upgrade backbone, wireless access points, and switches (direct cost)	28,910	sf	\$ 4.64	\$ 134,070	all CR's at 50%
Upgrade fiber to support (direct cost)	28,910	sf	\$ 4.64	\$ 134,070	all CR's at 50%
<b>TOTAL PROJECT COSTS (2018\$)</b>				<b>\$ 9,003,000</b>	<b>\$ 11,532,000</b>

**SECTION 6**



**APPENDIX  
TOTAL PROGRAM DETAILED COST**

Construction Cost Summary

	Area	Unit	Unit Cost	Construction Cost Sub-Total	Total Project Cost 25% (x 1.33)
<b>1. Modernize / Reconfigure Existing Classrooms</b>				<b>\$ 1,511,000</b>	<b>\$ 2,010,000</b>
Existing classrooms (MEP scope covered in Section C)					
Structural upgrades					
Slab settlement issue	7,680	sf	\$ 20.00	\$ 153,600	1957 CR bldg
Roof / wall connections	12,480	sf	\$ 15.90	\$ 198,432	
Walls					
Replace existing walls	2,880	sf	\$ 21.20	\$ 61,056	
Repair existing walls	9,600	sf	\$ 5.30	\$ 50,880	
Windows					
Replace existing windows	12,480	sf	\$ 23.85	\$ 297,648	
Doors					
Replace existing doors	2,880	sf	\$ 15.90	\$ 45,792	
Repair existing doors	9,600	sf	\$ 5.30	\$ 50,880	
Floors					
Replace existing floors	12,480	sf	\$ 17.49	\$ 218,275	
Ceilings					
Replace existing ceilings	12,480	sf	\$ 26.50	\$ 330,720	
Exteriors					
Patch, repair and paint	12,480	sf	\$ 5.30	\$ 66,144	Paint trim and seal concrete
ADA upgrades, allowance	12,480	sf	\$ 3.00	\$ 37,440	
<b>2. Existing Building Systems, Toilets and Improved Energy Efficiency</b>				<b>\$ 596,000</b>	<b>\$ 793,000</b>
Restroom upgrades					
Minor modernization	1,050	sf	\$ 66.25	\$ 69,563	
Reconfigure	75	sf	\$ 265.00	\$ 19,875	gender neutral restroom
Building systems					
EMS systems upgrades	19,290	sf	\$ 7.95	\$ 153,356	
Lighting and controls upgrades	19,290	sf	\$ 10.60	\$ 204,474	mod. at 50%
Convenience power upgrades	19,290	sf	\$ 6.89	\$ 132,908	
Replace drinking fountains with ADA fountains including bottle filler	3	ea	\$ 5,088.00	\$ 15,264	
<b>3. Site Utilities &amp; Infrastructure</b>				<b>\$ 1,024,000</b>	<b>\$ 1,362,000</b>
Based on entire campus area, upgrade existing utilities:					
Natural gas service	657,000	sf	\$ 0.11	\$ 69,642	mod. at 25%
Sanitary sewer service	657,000	sf	\$ 0.21	\$ 139,284	mod. at 25%
Domestic and fire water service	657,000	sf	\$ 0.27	\$ 174,105	mod. at 25%
Electrical mains and distribution	657,000	sf	\$ 0.53	\$ 174,976	mod. at 25%
Storm drain service	657,000	sf	\$ 0.27	\$ 174,105	mod. at 25%
Electrical capacity upgrades	1	ls	\$ 291,500.00	\$ 291,500	



Construction Cost Summary

	Area	Unit	Unit Cost	Construction Cost		Total Project Cost 25% (x 1.33)
				Total	Sub-	
<b>4. New Construction (Classrooms)</b>				\$	10,201,000	\$ 13,568,000
Pre-school and kindergarten						
Remove portable classrooms	2	ea	\$ 12,720.00	\$	25,440	
Classrooms, one story building	5,940	sf	\$ 467.46	\$	2,776,712	
Site improvements surrounding building pad	5,940	sf	\$ 44.52	\$	264,449	
Student collaboration lab						
Classrooms, two story building	1,277	sf	\$ 514.10	\$	656,403	
Site improvements surrounding building pad	638	sf	\$ 44.52	\$	28,422	
Elementary school						
Remove portable classrooms	11	ea	\$ 12,720.00	\$	139,920	
Classrooms, two story building	11,491	sf	\$ 526.82	\$	6,053,794	
Site improvements surrounding building pad	5,746	sf	\$ 44.52	\$	255,794	
<b>5. Elementary STEM &amp; JrHS/HS Science Programs</b>				\$	-	\$ -
No scope in this category						
<b>6. JrHS/HS Electives Improvements</b>				\$	-	\$ -
No scope in this category						
<b>7. Music, Drama &amp; Performing Arts Improvements</b>				\$	759,000	\$ 1,010,000
Music lab classroom						
Lab classrooms, one story building	1,320	sf	\$ 530.00	\$	699,600	
Site improvements surrounding building pad	1,320	sf	\$ 44.52	\$	58,766	
<b>8. MPR, Student Union &amp; Food Service Improvements</b>				\$	6,858,000	\$ 9,122,000
Demolish existing buildings	2,560	sf	\$ 26.50	\$	67,840	
Multi-purpose rooms						
MPR, one story building	8,388	sf	\$ 583.00	\$	4,889,913	
Site improvements surrounding building pad	8,388	sf	\$ 44.52	\$	373,412	
Food service						
Food service, one story building	1,650	sf	\$ 694.30	\$	1,145,595	
Site improvements surrounding building pad	1,650	sf	\$ 44.52	\$	73,458	
New trash enclosure	1	ea	\$ 53,000.00	\$	53,000	
New lunch shelter	2,400	sf	\$ 106.00	\$	254,400	
<b>9. Physical Education Improvements</b>				\$	-	\$ -
No scope in this category						

Construction Cost Summary

	Area	Unit	Unit Cost	Construction Cost		Total Project Cost 25% (x 1.33)
				Total	Sub-	
<b>10. Staff and Community Support</b>				\$	2,473,000	\$ 3,290,000
Demolish existing buildings	1,612	sf	\$ 26.50	\$	42,718	
Administration						
Admin, one story building	2,475	sf	\$ 461.10	\$	1,141,223	
Site improvements surrounding building pad	2,475	sf	\$ 44.52	\$	110,187	
Staff work rooms						
Admin, one story building	990	sf	\$ 461.10	\$	456,489	
Admin, two story building	1,277	sf	\$ 508.80	\$	649,636	
Site improvements surrounding building pad	1,628	sf	\$ 44.52	\$	72,496	
<b>11. Library &amp; Student Support Services</b>				\$	2,322,000	\$ 3,089,000
Elementary school library and innovation lab						
Reconfigure	3,840	sf	\$ 286.20	\$	1,099,008	
Learning center						
Reconfigure	1,920	sf	\$ 279.84	\$	537,293	
Classrooms, two story building	1,277	sf	\$ 514.10	\$	656,403	counseling center
Site improvements surrounding building pad	638	sf	\$ 44.52	\$	28,422	
<b>12. Safety and Security</b>				\$	985,000	\$ 1,311,000
New covered walkways	700	sf	\$ 106.00	\$	74,200	
Decorative metal fencing and gates	820	lf	\$ 296.80	\$	243,376	
Rolling decorative metal gate	3	ea	\$ 47,700.00	\$	143,100	
New exterior lighting for student safety	1	ls	\$ 80,000.00	\$	80,000	
New safety locks to existing classroom doors	21	ea	\$ 1,351.50	\$	28,382	
New emergency signs and posts	1	ls	\$ 38,160.00	\$	38,160	
New marquee sign	1	ea	\$ 21,200.00	\$	21,200	
Low voltage upgrades						
Fire alarm system	19,290	sf	\$ 6.36	\$	122,684	
New fire alarm head end equipment, allowance	1	ls	\$ 26,500.00	\$	26,500	
Emergency lighting	19,290	sf	\$ 1.70	\$	32,716	
PA / emergency communication systems	19,290	sf	\$ 9.01	\$	173,803	
Intrusion alarms	19,290	sf	\$ 2.12		Excluded	
Other security systems	19,290	sf	\$ 2.54		Excluded	cameras

SECTION 6



APPENDIX  
TOTAL PROGRAM DETAILED COST



Construction Cost Summary

	Area	Unit	Unit Cost	Construction Cost		Total Project Cost 25% (x 1.33)
				Cost	Sub-Total	
<b>13. Bike / Car Parking &amp; Drop-off</b>				\$	<b>867,000</b>	\$ <b>1,154,000</b>
Slurry and stripe existing parking lot	9,250	sf	\$ 4.24	\$	39,220	
New parking lot	16,425	sf	\$ 19.08	\$	313,389	
New drop-off area	11,625	sf	\$ 21.20	\$	246,450	
New access road	3,500	sf	\$ 19.19	\$	67,151	
New concrete pedestrian paving	2,400	sf	\$ 19.08	\$	45,792	
Entry plaza upgrades	3,350	sf	\$ 30.74	\$	102,979	
Bike parking incl. fencing and gates, AC paving and bike rac	2,450	sf	\$ 20.87	\$	51,132	
<b>14. Outdoor Learning Courts, Quads &amp; Gardens</b>				\$	<b>240,000</b>	\$ <b>320,000</b>
New learning courts	8,700	sf	\$ 27.56	\$	239,772	
<b>15. Exterior Play Spaces, Playfields &amp; Hardcourts</b>				\$	<b>451,000</b>	\$ <b>600,000</b>
Pre-school and kindergarten play yard						
New rubber surfacing	800	sf	\$ 23.32	\$	18,656	
Shade structure	1,200	sf	\$ 53.00	\$	63,600	
Slurry and stripe existing hardcourts	6,400	sf	\$ 4.24	\$	27,136	
Elementary play yard and hardcourts						
New rubber surfacing	6,000	sf	\$ 23.32	\$	139,920	
New hardcourts	12,250	sf	\$ 12.72	\$	155,820	
New basketball courts and hoops	6	ea	\$ 5,830.00	\$	34,980	
New ball walls	1	ea	\$ 10,600.00	\$	10,600	
<b>16. Next Generation Learning Furniture</b>				\$	<b>716,000</b>	\$ <b>716,000</b>
Flexible furniture per classroom (direct cost)	27	ea	\$ 26,500.00	\$	715,500	
<b>17. Technology Infrastructure &amp; Equipment</b>				\$	<b>702,000</b>	\$ <b>702,000</b>
Classroom tech package - smart boards, projector, project mounts, flat screen monitor, audio system, etc. (direct cost)	27	ea	\$ 12,720.00	\$	343,440	
Upgrade backbone, wireless access points, and switches (direct cost)	19,290	sf	\$ 9.28	\$	178,915	
Upgrade fiber to support (direct cost)	19,290	sf	\$ 9.28	\$	178,915	
<b>TOTAL PROJECT COSTS (2018\$)</b>				\$	<b>29,702,000</b>	\$ <b>39,047,000</b>

Construction Cost Summary

	Area	Unit	Unit Cost	Construction Cost		Total Project Cost 25% (x 1.33)
				Cost	Sub-Total	
<b>1. Modernize / Reconfigure Existing Classrooms</b>				\$	<b>2,329,000</b>	\$ <b>3,098,000</b>
Existing classrooms (MEP scope covered in Section C)						
Walls						
Replace existing walls	960	sf	\$ 21.20	\$	20,352	
Repair existing walls	18,060	sf	\$ 5.30	\$	95,718	
Windows						
Replace existing windows	19,020	sf	\$ 53.66	\$	1,020,661	includes clerestory
Doors						
Replace existing doors	960	sf	\$ 15.90	\$	15,264	
Repair existing doors	18,060	sf	\$ 5.30	\$	95,718	
Floors						
Replace existing floors	19,020	sf	\$ 17.49	\$	332,660	
Ceilings						
Replace existing ceilings	19,020	sf	\$ 26.50	\$	504,030	
Exteriors						
Patch, repair and paint	19,020	sf	\$ 5.30	\$	100,806	
Roofing						
Patch and repair leaks, etc.	32,625	sf	\$ 2.65	\$	86,456	minor for HVAC install
ADA upgrades, allowance	19,020	sf	\$ 3.00	\$	57,060	
<b>2. Existing Building Systems, Toilets and Improved Energy Efficiency</b>				\$	<b>2,471,000</b>	\$ <b>3,287,000</b>
Restroom upgrades						
Moderate modernization	2,200	sf	\$ 132.50	\$	291,500	
Reconfigure	75	sf	\$ 265.00	\$	19,875	gender neutral restroom
Building systems						
HVAC upgrades	32,625	sf	\$ 33.92	\$	1,106,640	
Plumbing upgrades	32,625	sf	\$ 6.36	\$	207,495	mod. at 50%
EMS systems upgrades	32,625	sf	\$ 7.95	\$	259,369	
Lighting and controls upgrades	32,625	sf	\$ 10.60	\$	345,825	mod. at 50%
Convenience power upgrades	32,625	sf	\$ 6.89	\$	224,786	
Replace drinking fountains with ADA fountains including bottle filler	3	ea	\$ 5,088.00	\$	15,264	
<b>3. Site Utilities &amp; Infrastructure</b>				\$	<b>-</b>	\$ <b>-</b>
No scope in this category						

SECTION 6



APPENDIX  
TOTAL PROGRAM DETAILED COST





Construction Cost Summary

	Area	Unit	Unit Cost	Construction Cost Total	Sub-Total	Total Project Cost 25% (x 1.33)
<b>4. New Construction (Classrooms)</b>				\$ 4,909,000	\$	6,529,000
Pre-school and kindergarten						
Classrooms, one story building	2,970	sf	\$ 467.46	\$ 1,388,356		
Site improvements surrounding building pad	2,970	sf	\$ 44.52	\$ 132,224		
Student collaboration lab						
Classrooms, one story building	1,056	sf	\$ 466.40	\$ 492,518		
Site improvements surrounding building pad	1,056	sf	\$ 44.52	\$ 47,013		
Elementary school						
Remove portable classrooms	7	ea	\$ 12,720.00	\$ 89,040		
Classrooms, one story building	5,280	sf	\$ 478.06	\$ 2,524,157		
Site improvements surrounding building pad	5,280	sf	\$ 44.52	\$ 235,066		
<b>5. Elementary STEM &amp; JrHS/HS Science Programs</b>				\$ 367,000	\$	489,000
Elementary science and STEM labs						
Moderate modernization	1,920	sf	\$ 190.80	\$ 366,336		
<b>6. JrHS/HS Electives Improvements</b>				\$ -	\$	-
No scope in this category						
<b>7. Music, Drama &amp; Performing Arts Improvements</b>				\$ 306,000	\$	407,000
Music lab classroom						
Reconfigure	960	sf	\$ 318.00	\$ 305,280		
<b>8. MPR, Student Union &amp; Food Service Improvements</b>				\$ 1,311,000	\$	1,744,000
Multi-purpose rooms						
Moderate modernization	5,000	sf	\$ 185.50	\$ 927,500		
Food service						
Moderate modernization	450	sf	\$ 206.70	\$ 93,015		
New kitchen equipment, allowance	450	sf	\$ 79.50	\$ 35,775		
New lunch shelter	2,400	sf	\$ 106.00	\$ 254,400		
<b>9. Physical Education Improvements</b>				\$ -	\$	-
No scope in this category						
<b>10. Staff and Community Support</b>				\$ 376,000	\$	501,000
Administration						
Moderate modernization	1,575	sf	\$ 143.10	\$ 225,383		
Staff work rooms						
Moderate modernization	1,050	sf	\$ 143.10	\$ 150,255		

Construction Cost Summary

	Area	Unit	Unit Cost	Construction Cost Total	Sub-Total	Total Project Cost 25% (x 1.33)
<b>11. Library &amp; Student Support Services</b>				\$ 2,224,000	\$	2,958,000
Elementary school library and innovation lab						
Minor modernization	2,500	sf	\$ 111.30	\$ 278,250		
Reconfigure	900	sf	\$ 286.20	\$ 257,580		
Lab classrooms, one story building	1,155	sf	\$ 482.30	\$ 557,057		
Site improvements surrounding building pad	1,155	sf	\$ 44.52	\$ 51,421		
Learning center						
Classrooms, one story building	2,112	sf	\$ 466.40	\$ 985,037		
Site improvements surrounding building pad	2,112	sf	\$ 44.52	\$ 94,026		
<b>12. Safety and Security</b>				\$ 1,155,000	\$	1,537,000
New concrete pedestrian paving	1,000	sf	\$ 19.08	\$ 19,080		
Repair concrete pedestrian paving	2,200	sf	\$ 11.66	\$ 25,652		
Decorative metal fencing and gates	860	lf	\$ 296.80	\$ 255,248		
Rolling decorative metal gate	2	ea	\$ 47,700.00	\$ 95,400		
New exterior lighting for student safety	1	ls	\$ 80,000.00	\$ 80,000		
New safety locks to existing classroom doors	27	ea	\$ 1,351.50	\$ 36,491		
New emergency signs and posts	1	ls	\$ 38,160.00	\$ 38,160		
New marquee sign	1	ea	\$ 21,200.00	\$ 21,200		
Low voltage upgrades						
Fire alarm system	32,625	sf	\$ 6.36	\$ 207,495		
New fire alarm head end equipment, allowance	1	ls	\$ 26,500.00	\$ 26,500		
Emergency lighting	32,625	sf	\$ 1.70	\$ 55,332		
PA / emergency communication systems	32,625	sf	\$ 9.01	\$ 293,951		
Intrusion alarms	32,625	sf	\$ 2.12	Excluded		
Other security systems	32,625	sf	\$ 2.54	Excluded	cameras	
<b>13. Bike / Car Parking &amp; Drop-off</b>				\$ 403,000	\$	536,000
Slurry and stripe existing parking lot	17,800	sf	\$ 4.24	\$ 75,472		
New drop-off area	9,650	sf	\$ 21.20	\$ 204,580		
New concrete pedestrian paving	2,900	sf	\$ 19.08	\$ 55,332		
Bike parking incl. fencing and gates, AC paving and bike racks	3,200	sf	\$ 20.87	\$ 66,784		
<b>14. Outdoor Learning Courts, Quads &amp; Gardens</b>				\$ 481,000	\$	640,000
New student quad	8,500	sf	\$ 27.56	\$ 234,260		
New learning courts	7,200	sf	\$ 27.56	\$ 198,432		
New learning court under trees	3,500	sf	\$ 13.78	\$ 48,230		

SECTION 6



APPENDIX  
TOTAL PROGRAM DETAILED COST



Construction Cost Summary

	Area	Unit	Unit Cost	Construction Cost	Sub-Total	Total Project Cost 25% (x 1.33)
<b>15. Exterior Play Spaces, Playfields &amp; Hardcourts</b>				\$ 487,000		\$ 648,000
Pre-school and kindergarten play yard						
New rubber surfacing	2,500	sf	\$ 23.32	\$ 58,300		
Shade structure	1,200	sf	\$ 53.00	\$ 63,600		
Elementary play yard and hardcourts						
New rubber surfacing	4,375	sf	\$ 23.32	\$ 102,025		
Resurface and repair hardcourts	8,000	sf	\$ 6.36	\$ 50,880		
Repair playfields	66,600	sf	\$ 3.18	\$ 211,788		
<b>16. Next Generation Learning Furniture</b>				\$ 663,000		\$ 663,000
Flexible furniture per classroom (direct cost)	25	ea	\$ 26,500.00	\$ 662,500		
<b>17. Technology Infrastructure &amp; Equipment</b>				\$ 621,000		\$ 621,000
Classroom tech package - smart boards, projector, project mounts, flat screen monitor, audio system, etc. (direct cost)	25	ea	\$ 12,720.00	\$ 318,000		
Upgrade backbone, wireless access points, and switches (direct cost)	32,625	sf	\$ 4.64	\$ 151,298	all CR's at 50%	
Upgrade fiber to support (direct cost)	32,625	sf	\$ 4.64	\$ 151,298	all CR's at 50%	
<b>TOTAL PROJECT COSTS (2018\$)</b>				\$ 18,100,000		\$ 23,658,000

Construction Cost Summary

	Area	Unit	Unit Cost	Construction Cost	Sub-Total	Total Project Cost 25% (x 1.33)
<b>1. Modernize / Reconfigure Existing Classrooms</b>				\$ 1,751,000		\$ 2,329,000
Existing classrooms (MEP scope covered in Section C)						
Structural upgrades						
Roof / wall connections	16,000	sf	\$ 15.90	\$ 254,400	1974 buildings	
Walls						
Replace existing walls	480	sf	\$ 21.20	\$ 10,176		
Repair existing walls	19,780	sf	\$ 5.30	\$ 104,834		
Windows						
Replace existing windows	20,260	sf	\$ 23.85	\$ 483,201		
Doors						
Repair existing doors	20,260	sf	\$ 5.30	\$ 107,378		
Floors						
Replace existing floors	20,260	sf	\$ 17.49	\$ 354,347		
Ceilings						
Repair existing ceilings	20,260	sf	\$ 13.25	\$ 268,445		
Exteriors						
Patch, repair and paint	20,260	sf	\$ 5.30	\$ 107,378		
ADA upgrades, allowance	20,260	sf	\$ 3.00	\$ 60,780		
<b>2. Existing Building Systems, Toilets and Improved Energy Efficiency</b>				\$ 717,000		\$ 954,000
Restroom upgrades						
Reconfigure	75	sf	\$ 265.00	\$ 19,875	gender neutral restroom	
Building systems						
EMS systems upgrades	26,770	sf	\$ 7.95	\$ 212,822		
Lighting and controls upgrades	26,770	sf	\$ 10.60	\$ 283,762	mod. at 50%	
Convenience power upgrades	26,770	sf	\$ 6.89	\$ 184,445		
Replace drinking fountains with ADA fountains including bottle filler	3	ea	\$ 5,088.00	\$ 15,264		
<b>3. Site Utilities &amp; Infrastructure</b>				\$ 997,000		\$ 1,327,000
Based on entire campus area, upgrade existing utilities;						
Natural gas service	387,000	sf	\$ 0.14	\$ 54,149	mod. at 33%	
Sanitary sewer service	387,000	sf	\$ 0.28	\$ 108,298	mod. at 33%	
Domestic and fire water service	387,000	sf	\$ 0.35	\$ 135,373	mod. at 33%	
Electrical mains and distribution	387,000	sf	\$ 0.70	\$ 272,099	mod. at 33%	
Storm drain service	387,000	sf	\$ 0.35	\$ 135,373	mod. at 33%	
Electrical capacity upgrades	1	ls	\$ 291,500.00	\$ 291,500		

SECTION 6



APPENDIX  
TOTAL PROGRAM DETAILED COST



Construction Cost Summary

	Area	Unit	Unit Cost	Construction Cost Total	Sub-Total	Total Project Cost 25% (x 1.33)
<b>4. New Construction (Classrooms)</b>				\$ 4,861,000	\$	\$ 6,466,000
Pre-school and kindergarten						
Classrooms, one story building	1,485	sf	\$ 467.46	\$ 694,178		
Site improvements surrounding building pad	1,485	sf	\$ 44.52	\$ 66,112		
Student collaboration lab						
Classrooms, one story building	1,320	sf	\$ 466.40	\$ 615,648		
Site improvements surrounding building pad	1,320	sf	\$ 44.52	\$ 58,766		
Elementary school						
Remove portable classrooms	9	ea	\$ 12,720.00	\$ 114,480		
Classrooms, one story building	6,336	sf	\$ 478.06	\$ 3,028,988		
Site improvements surrounding building pad	6,336	sf	\$ 44.52	\$ 282,079		
<b>5. Elementary STEM &amp; JrHS/HS Science Programs</b>				\$ 780,000	\$	\$ 1,038,000
Elementary science and STEM labs						
Lab classrooms, one story building	1,320	sf	\$ 545.90	\$ 720,588		
Site improvements surrounding building pad	1,320	sf	\$ 44.52	\$ 58,766		
<b>6. JrHS/HS Electives Improvements</b>				\$ -	\$	\$ -
No scope in this category						
<b>7. Music, Drama &amp; Performing Arts Improvements</b>				\$ -	\$	\$ -
No scope in this category						
<b>8. MPR, Student Union &amp; Food Service Improvements</b>				\$ -	\$	\$ -
No scope in this category						
<b>9. Physical Education Improvements</b>				\$ 552,000	\$	\$ 735,000
PE / fitness rooms						
Classrooms, one story building	1,056	sf	\$ 478.06	\$ 504,831		
Site improvements surrounding building pad	1,056	sf	\$ 44.52	\$ 47,013		
<b>10. Staff and Community Support</b>				\$ 451,000	\$	\$ 600,000
Administration						
Moderate modernization	2,150	sf	\$ 143.10	\$ 307,665		
Staff work rooms						
Moderate modernization	1,000	sf	\$ 143.10	\$ 143,100		

Construction Cost Summary

	Area	Unit	Unit Cost	Construction Cost Total	Sub-Total	Total Project Cost 25% (x 1.33)
<b>11. Library &amp; Student Support Services</b>				\$ 806,000	\$	\$ 1,072,000
Elementary school library and innovation lab						
Moderate modernization	3,360	sf	\$ 159.00	\$ 534,240		
Learning center						
Moderate modernization	1,830	sf	\$ 148.40	\$ 271,572		
<b>12. Safety and Security</b>				\$ 1,098,000	\$	\$ 1,461,000
Decorative metal fencing and gates	995	lf	\$ 296.80	\$ 295,316		
Rolling decorative metal gate	3	ea	\$ 47,700.00	\$ 143,100		
New exterior lighting for student safety	1	ls	\$ 80,000.00	\$ 80,000		
New safety locks to existing classroom doors	27	ea	\$ 1,351.50	\$ 36,491		
New emergency signs and posts	1	ls	\$ 38,160.00	\$ 38,160		
New marquee sign	1	ea	\$ 21,200.00	\$ 21,200		
Low voltage upgrades						
Fire alarm system	26,770	sf	\$ 6.36	\$ 170,257		
New fire alarm head end equipment, allowance	1	ls	\$ 26,500.00	\$ 26,500		
Emergency lighting	26,770	sf	\$ 1.70	\$ 45,402		
PA / emergency communication systems	26,770	sf	\$ 9.01	\$ 241,198		
Intrusion alarms	26,770	sf	\$ 2.12	Excluded		
Other security systems	26,770	sf	\$ 2.54	Excluded	cameras	
<b>13. Bike / Car Parking &amp; Drop-off</b>				\$ 203,000	\$	\$ 270,000
New parking lot	8,400	sf	\$ 19.08	\$ 160,272		
Bike parking incl. fencing and gates, AC paving and bike rack:	2,000	sf	\$ 20.87	\$ 41,740		
<b>14. Outdoor Learning Courts, Quads &amp; Gardens</b>				\$ 729,000	\$	\$ 970,000
New student quad	11,200	sf	\$ 26.18	\$ 293,238		
New learning courts	15,300	sf	\$ 24.80	\$ 379,501		
New student garden	3,750	sf	\$ 14.84	\$ 55,650	upgrades to existing	
<b>15. Exterior Play Spaces, Playfields &amp; Hardcourts</b>				\$ 434,000	\$	\$ 578,000
Pre-school and kindergarten play yard						
New rubber surfacing	2,500	sf	\$ 23.32	\$ 58,300		
Shade structure	1,200	sf	\$ 53.00	\$ 63,600		
Elementary play yard and hardcourts						
New rubber surfacing	2,800	sf	\$ 23.32	\$ 65,296		
Play apparatus	1	ea	\$ 81,620.00	\$ 81,620		
Repair playfields	103,325	sf	\$ 1.59	\$ 164,287	minor	

SECTION 6



APPENDIX  
TOTAL PROGRAM DETAILED COST



Construction Cost Summary

	Area	Unit	Unit Cost	Construction Cost Total	Sub-Total	Total Project Cost 25% (x 1.33)
<b>16. Next Generation Learning Furniture</b>				\$ 742,000	\$ 742,000	\$ 742,000
Flexible furniture per classroom (direct cost)	28	ea	\$ 26,500.00	\$ 742,000		
<b>17. Technology Infrastructure &amp; Equipment</b>				\$ 853,000	\$ 853,000	\$ 853,000
Classroom tech package - smart boards, projector, project mounts, flat screen monitor, audio system, etc. (direct cost)	28	ea	\$ 12,720.00	\$ 356,160		
Upgrade backbone, wireless access points, and switches (direct cost)	26,770	sf	\$ 9.28	\$ 248,292		
Upgrade fiber to support (direct cost)	26,770	sf	\$ 9.28	\$ 248,292		
<b>TOTAL PROJECT COSTS (2018\$)</b>				\$ 14,971,000	\$ 19,395,000	\$ 19,395,000

Construction Cost Summary

	Area	Unit	Unit Cost	Construction Cost Total	Sub-Total	Total Project Cost 25% (x 1.33)
<b>1. Modernize / Reconfigure Existing Classrooms</b>				\$ 1,502,000	\$ 1,502,000	\$ 1,998,000
Existing classrooms (MEP scope covered in Section C)						
Walls						
Replace existing walls	4,200	sf	\$ 21.20	\$ 89,040		
Repair existing walls	14,720	sf	\$ 5.30	\$ 78,016		
Windows						
Replace existing windows	18,920	sf	\$ 23.85	\$ 451,242		
Doors						
Replace existing doors	4,200	sf	\$ 15.90	\$ 66,780		
Repair existing doors	14,720	sf	\$ 5.30	\$ 78,016		
Floors						
Replace existing floors	18,920	sf	\$ 17.49	\$ 330,911		
Ceilings						
Repair existing ceilings	18,920	sf	\$ 13.25	\$ 250,690		
Exteriors						
Patch, repair and paint	18,920	sf	\$ 5.30	\$ 100,276		
ADA upgrades, allowance	18,920	sf	\$ 3.00	\$ 56,760		
<b>2. Existing Building Systems, Toilets and Improved Energy Efficiency</b>				\$ 1,202,000	\$ 1,202,000	\$ 1,599,000
Restroom upgrades						
Moderate modernization	525	sf	\$ 132.50	\$ 69,563		
Reconfigure	1,325	sf	\$ 265.00	\$ 351,125		includes gender neutral restroom
Building systems						
EMS systems upgrades	30,080	sf	\$ 7.95	\$ 239,136		
Lighting and controls upgrades	30,080	sf	\$ 10.60	\$ 318,848		mod. at 50%
Convenience power upgrades	30,080	sf	\$ 6.89	\$ 207,251		
Replace drinking fountains with ADA fountains including bottle filler	3	ea	\$ 5,088.00	\$ 15,264		
<b>3. Site Utilities &amp; Infrastructure</b>				\$ 923,000	\$ 923,000	\$ 1,228,000
Based on entire campus area, upgrade existing utilities;						
Natural gas service	346,000	sf	\$ 0.14	\$ 48,412		mod. at 33%
Sanitary sewer service	346,000	sf	\$ 0.28	\$ 96,825		mod. at 33%
Domestic and fire water service	346,000	sf	\$ 0.35	\$ 121,031		mod. at 33%
Electrical mains and distribution	346,000	sf	\$ 0.70	\$ 243,272		mod. at 33%
Storm drain service	346,000	sf	\$ 0.35	\$ 121,031		mod. at 33%
Electrical capacity upgrades	1	ls	\$ 291,500.00	\$ 291,500		

SECTION 6



APPENDIX  
TOTAL PROGRAM DETAILED COST



Construction Cost Summary

	Area	Unit	Unit Cost	Construction Cost Total	Sub-Total	Total Project Cost 25% (x 1.33)
<b>4. New Construction (Classrooms)</b>				\$ 7,798,000		\$ 10,372,000
Student collaboration lab						
Classrooms, two story building	1,277	sf	\$ 514.10	\$ 656,403		
Site improvements surrounding building pad	638	sf	\$ 44.52	\$ 28,422		
Elementary school						
Remove portable classrooms	8	ea	\$ 12,720.00	\$ 101,760		
Classrooms, two story building	12,768	sf	\$ 526.82	\$ 6,726,438		
Site improvements surrounding building pad	6,384	sf	\$ 44.52	\$ 284,216		
<b>5. Elementary STEM &amp; JrHS/HS Science Programs</b>				\$ 1,094,000		\$ 1,456,000
Remove portable classrooms	2	ea	\$ 12,720.00	\$ 25,440		
Elementary science and STEM labs						
Reconfigure	3,360	sf	\$ 318.00	\$ 1,068,480		
<b>6. JrHS/HS Electives Improvements</b>				\$ -		\$ -
No scope in this category						
<b>7. Music, Drama &amp; Performing Arts Improvements</b>				\$ 759,000		\$ 1,010,000
Music lab classroom						
Lab classrooms, one story building	1,320	sf	\$ 530.00	\$ 699,600		
Site improvements surrounding building pad	1,320	sf	\$ 44.52	\$ 58,766		
<b>8. MPR, Student Union &amp; Food Service Improvements</b>				\$ 6,790,000		\$ 9,031,000
Multi-purpose rooms						
MPR, one story building	8,388	sf	\$ 583.00	\$ 4,889,913		
Site improvements surrounding building pad	8,388	sf	\$ 44.52	\$ 373,412		
Food service						
Food service, one story building	1,650	sf	\$ 694.30	\$ 1,145,595		
Site improvements surrounding building pad	1,650	sf	\$ 44.52	\$ 73,458		
New trash enclosure	1	ea	\$ 53,000.00	\$ 53,000		
New lunch shelter	2,400	sf	\$ 106.00	\$ 254,400		
<b>9. Physical Education Improvements</b>				\$ -		\$ -
No scope in this category						

Construction Cost Summary

	Area	Unit	Unit Cost	Construction Cost Total	Sub-Total	Total Project Cost 25% (x 1.33)
<b>10. Staff and Community Support</b>				\$ 2,342,000		\$ 3,115,000
Administration						
Reconfigure	450	sf	\$ 270.30	\$ 121,635		
Admin, one story building	2,860	sf	\$ 461.10	\$ 1,318,746		
Admin, two story building	200	sf	\$ 508.80	\$ 101,506		
Site improvements surrounding building pad	2,960	sf	\$ 44.52	\$ 131,768		
Staff work rooms						
Admin, one story building	1,320	sf	\$ 461.10	\$ 608,652		
Site improvements surrounding building pad	1,320	sf	\$ 44.52	\$ 58,766		
<b>11. Library &amp; Student Support Services</b>				\$ 2,053,000		\$ 2,731,000
Elementary school library and innovation lab						
Reconfigure	4,000	sf	\$ 286.20	\$ 1,144,800		
Learning center						
Moderate modernization	1,500	sf	\$ 148.40	\$ 222,600		
Classrooms, two story building	1,277	sf	\$ 514.10	\$ 656,403		
Site improvements surrounding building pad	638	sf	\$ 44.52	\$ 28,422		
<b>12. Safety and Security</b>				\$ 1,228,000		\$ 1,634,000
Repair concrete pedestrian paving	5,700	sf	\$ 11.66	\$ 66,462		
Chain link fencing and gates	520	lf	\$ 143.10	\$ 74,412		backs up to highway
Decorative metal fencing and gates	755	lf	\$ 296.80	\$ 224,084		
Rolling decorative metal gate	3	ea	\$ 47,700.00	\$ 143,100		
New exterior lighting for student safety	1	ls	\$ 80,000.00	\$ 80,000		
New safety locks to existing classroom doors	30	ea	\$ 1,351.50	\$ 40,545		
New emergency signs and posts	1	ls	\$ 38,160.00	\$ 38,160		
New marquee sign	1	ea	\$ 21,200.00	\$ 21,200		
Low voltage upgrades						
Fire alarm system	30,080	sf	\$ 6.36	\$ 191,309		
New fire alarm head end equipment, allowance	1	ls	\$ 26,500.00	\$ 26,500		
Emergency lighting	30,080	sf	\$ 1.70	\$ 51,016		
PA / emergency communication systems	30,080	sf	\$ 9.01	\$ 271,021		
Intrusion alarms	30,080	sf	\$ 2.12	Excluded		
Other security systems	30,080	sf	\$ 2.54	Excluded		cameras
<b>13. Bike / Car Parking &amp; Drop-off</b>				\$ 591,000		\$ 787,000
New parking lot	9,000	sf	\$ 19.08	\$ 171,720		
New access road	6,750	sf	\$ 19.19	\$ 129,506		
New concrete pedestrian paving	1,500	sf	\$ 19.08	\$ 28,620		
Entry plaza upgrades	3,250	sf	\$ 30.74	\$ 99,905		
Bike parking incl. fencing and gates, AC paving and bike rack	7,700	sf	\$ 20.87	\$ 160,699		

SECTION 6



APPENDIX  
TOTAL PROGRAM DETAILED COST



Construction Cost Summary

	Area	Unit	Unit Cost	Construction Cost Total	Sub-Total	Total Project Cost 25% (x 1.33)
<b>14. Outdoor Learning Courts, Quads &amp; Gardens</b>				\$ 534,000		\$ 711,000
New student quad	8,800	sf	\$ 27.56	\$ 242,528		
New learning courts	10,550	sf	\$ 27.56	\$ 290,758		
<b>15. Exterior Play Spaces, Playfields &amp; Hardcourts</b>				\$ 467,000		\$ 622,000
Pre-school and kindergarten play yard						
New rubber surfacing	2,000	sf	\$ 23.32	\$ 46,640		
Play apparatus	1	ea	\$ 81,620.00	\$ 81,620		
Shade structure	1,200	sf	\$ 53.00	\$ 63,600		
New hardcourts	4,000	sf	\$ 12.72	\$ 50,880		
Elementary play yard and hardcourts						
New rubber surfacing	9,600	sf	\$ 23.32	\$ 223,872		
<b>16. Next Generation Learning Furniture</b>				\$ 742,000		\$ 742,000
Flexible furniture per classroom (direct cost)	28	ea	\$ 26,500.00	\$ 742,000		
<b>17. Technology Infrastructure &amp; Equipment</b>				\$ 915,000		\$ 915,000
Classroom tech package - smart boards, projector, project mounts, flat screen monitor, audio system, etc. (direct cost)	28	ea	\$ 12,720.00	\$ 356,160		
Upgrade backbone, wireless access points, and switches (direct cost)	30,080	sf	\$ 9.28	\$ 278,992		
Upgrade fiber to support (direct cost)	30,080	sf	\$ 9.28	\$ 278,992		
<b>TOTAL PROJECT COSTS (2018\$)</b>				\$ 28,936,000		\$ 37,951,000

Construction Cost Summary

	Area	Unit	Unit Cost	Construction Cost Total	Sub-Total	Total Project Cost 25% (x 1.33)
<b>1. Modernize / Reconfigure Existing Classrooms</b>				\$ 1,646,000		\$ 2,190,000
Existing classrooms (MEP scope covered in Section C)						
Walls						
Replace existing walls	3,825	sf	\$ 21.20	\$ 81,090		
Repair existing walls	12,480	sf	\$ 5.30	\$ 66,144		
Windows						
Replace existing windows	16,305	sf	\$ 23.85	\$ 388,874		
Doors						
Replace existing doors	3,825	sf	\$ 15.90	\$ 60,818		
Repair existing doors	12,480	sf	\$ 5.30	\$ 66,144		
Floors						
Replace existing floors	16,305	sf	\$ 17.49	\$ 285,174		
Ceilings						
Replace existing ceilings	16,305	sf	\$ 26.50	\$ 432,083		
Exteriors						
Patch, repair and paint	16,305	sf	\$ 5.30	\$ 86,417		
Roofing						
Patch and repair leaks, etc.	70,205	sf	\$ 1.86	\$ 130,230		minor for HVAC
ADA upgrades, allowance	16,305	sf	\$ 3.00	\$ 48,915		
<b>2. Existing Building Systems, Toilets and Improved Energy Efficiency</b>				\$ 5,191,000		\$ 6,905,000
Restroom upgrades						
Moderate modernization	4,050	sf	\$ 132.50	\$ 536,625		
Reconfigure	75	sf	\$ 265.00	\$ 19,875		gender neutral restroom
Building systems						
HVAC upgrades	70,205	sf	\$ 33.92	\$ 2,381,354		
Plumbing upgrades	70,205	sf	\$ 6.36	\$ 446,504		mod. at 50%
EMS systems upgrades	70,205	sf	\$ 7.95	\$ 558,130		
Lighting and controls upgrades	70,205	sf	\$ 10.60	\$ 744,173		mod. at 50%
Convenience power upgrades	70,205	sf	\$ 6.89	\$ 483,712		
Replace drinking fountains with ADA fountains including bottle filler	4	ea	\$ 5,088.00	\$ 20,352		
<b>3. Site Utilities &amp; Infrastructure</b>				\$ 1,876,000		\$ 2,496,000
Based on entire campus area, upgrade existing utilities;						
Natural gas service	1,003,540	sf	\$ 0.14	\$ 140,415		mod. at 33%
Sanitary sewer service	1,003,540	sf	\$ 0.28	\$ 280,831		mod. at 33%
Domestic and fire water service	1,003,540	sf	\$ 0.35	\$ 351,038		mod. at 33%
Electrical mains and distribution	1,003,540	sf	\$ 0.70	\$ 705,587		mod. at 33%
Storm drain service	1,003,540	sf	\$ 0.11	\$ 106,375		mod. at 10%
Electrical capacity upgrades	1	ls	\$ 291,500.00	\$ 291,500		

SECTION 6



APPENDIX  
TOTAL PROGRAM DETAILED COST



Construction Cost Summary

	Area	Unit	Unit Cost	Construction Cost Total	Sub-Total	Total Project Cost 25% (x 1.33)
<b>4. New Construction (Classrooms)</b>				\$ 64,000		\$ 86,000
Middle school						
Remove portable classrooms	5	ea	\$ 12,720.00	\$ 63,600		
<b>5. Elementary STEM &amp; JrHS/HS Science Programs</b>				\$ 2,346,000		\$ 3,121,000
Remove portable classrooms	2	ea	\$ 12,720.00	\$ 25,440		
Middle science and STEM labs						
Moderate modernization	1,950	sf	\$ 190.80	\$ 372,060		
Lab classrooms, one story building	3,300	sf	\$ 545.90	\$ 1,801,470		
Site improvements surrounding building pad	3,300	sf	\$ 44.52	\$ 146,916		
<b>6. JrHS/HS Electives Improvements</b>				\$ 1,110,000		\$ 1,477,000
Elective classrooms						
Moderate modernization	6,975	sf	\$ 159.00	\$ 1,109,025		
<b>7. Music, Drama &amp; Performing Arts Improvements</b>				\$ 444,000		\$ 591,000
Music lab classroom						
Moderate modernization	2,325	sf	\$ 190.80	\$ 443,610		
<b>8. MPR, Student Union &amp; Food Service Improvements</b>				\$ 1,601,000		\$ 2,130,000
Multi-purpose rooms						
Moderate modernization	4,725	sf	\$ 185.50	\$ 876,488		
Food service						
Moderate modernization	1,400	sf	\$ 206.70	\$ 289,380		
New trash enclosure	1	ea	\$ 53,000.00	\$ 53,000		
New lunch shelter	3,600	sf	\$ 106.00	\$ 381,600		
<b>9. Physical Education Improvements</b>				\$ 4,949,000		\$ 6,583,000
PE / fitness rooms						
Classrooms, one story building	1,733	sf	\$ 478.06	\$ 828,239		
Site improvements surrounding building pad	1,733	sf	\$ 44.52	\$ 77,131		
Gymnasium						
Moderate modernization	11,475	sf	\$ 164.30	\$ 1,885,343		
Locker rooms						
Moderate modernization	6,750	sf	\$ 185.50	\$ 1,252,125		
Weight room						
Weight room, one story building	1,733	sf	\$ 478.06	\$ 828,239		
Site improvements surrounding building pad	1,733	sf	\$ 44.52	\$ 77,131		

Construction Cost Summary

	Area	Unit	Unit Cost	Construction Cost Total	Sub-Total	Total Project Cost 25% (x 1.33)
<b>10. Staff and Community Support</b>				\$ 3,321,000		\$ 4,417,000
Remove portable classrooms	2	ea	\$ 12,720.00	\$ 25,440		
Administration						
Moderate modernization	1,013	sf	\$ 143.10	\$ 144,889		
Admin, one story building	3,527	sf	\$ 461.10	\$ 1,626,242		
Site improvements surrounding building pad	3,527	sf	\$ 44.52	\$ 157,016		
Staff work rooms						
Moderate modernization	1,388	sf	\$ 143.10	\$ 198,551		
Reconfigure	2,850	sf	\$ 270.30	\$ 770,355		
Admin, one story building	787	sf	\$ 461.10	\$ 362,655		
Site improvements surrounding building pad	787	sf	\$ 44.52	\$ 35,015		
<b>11. Library &amp; Student Support Services</b>				\$ 2,543,000		\$ 3,383,000
Middle school and high school library and innovation lab						
Reconfigure	6,000	sf	\$ 286.20	\$ 1,717,200		
Learning center						
Reconfigure	1,500	sf	\$ 279.84	\$ 419,760		
Student services						
Reconfigure	1,500	sf	\$ 270.30	\$ 405,450		
<b>12. Safety and Security</b>				\$ 1,583,000		\$ 2,106,000
New concrete pedestrian paving	1,300	sf	\$ 19.08	\$ 24,804		
Decorative metal fencing and gates	40	lf	\$ 296.80	\$ 11,872		
Rolling decorative metal gate	1	ea	\$ 47,700.00	\$ 47,700		
New exterior lighting for student safety	1	ls	\$ 160,000.00	\$ 160,000		
New safety locks to existing classroom doors	40	ea	\$ 1,351.50	\$ 54,060		
New emergency signs and posts	1	ls	\$ 38,160.00	\$ 38,160		
New marquee sign	1	ea	\$ 21,200.00	\$ 21,200		
Low voltage upgrades						
Fire alarm system	70,205	sf	\$ 6.36	\$ 446,504		
New fire alarm head end equipment, allowance	1	ls	\$ 26,500.00	\$ 26,500		
Emergency lighting	70,205	sf	\$ 1.70	\$ 119,068		
PA / emergency communication systems	70,205	sf	\$ 9.01	\$ 632,547		
Intrusion alarms	70,205	sf	\$ 2.12	Excluded		
Other security systems	70,205	sf	\$ 2.54	Excluded	cameras	
<b>13. Bike / Car Parking &amp; Drop-off</b>				\$ 186,000		\$ 248,000
Entry plaza upgrades	3,375	sf	\$ 30.74	\$ 103,748		
Bike parking incl. fencing and gates, AC paving and bike racks	3,900	sf	\$ 20.87	\$ 81,393		

SECTION 6



APPENDIX  
TOTAL PROGRAM DETAILED COST



Construction Cost Summary

	Area	Unit	Unit Cost	Construction Cost Total	Sub-Total	Total Project Cost 25% (x 1.33)
<b>14. Outdoor Learning Courts, Quads &amp; Gardens</b>				\$ 181,000	\$ 181,000	\$ 241,000
New learning courts	1,000	sf	\$ 27.56	\$ 27,560		
New student garden	7,200	sf	\$ 21.20	\$ 152,640		
<b>15. Exterior Play Spaces, Playfields &amp; Hardcourts</b>				\$ 826,000	\$ 826,000	\$ 1,099,000
Play yard and hardcourts						
Resurface and repair hardcourts	24,000	sf	\$ 6.36	\$ 152,640		
Repair playfields	360,000	sf	\$ 1.59	\$ 572,400		
Repair bike path	10,000	sf	\$ 10.00	\$ 100,000		
<b>16. Next Generation Learning Furniture</b>				\$ 663,000	\$ 663,000	\$ 663,000
Flexible furniture per classroom (direct cost)	25	ea	\$ 26,500.00	\$ 662,500		
<b>17. Technology Infrastructure &amp; Equipment</b>				\$ 1,621,000	\$ 1,621,000	\$ 1,621,000
Classroom tech package - smart boards, projector, project mounts, flat screen monitor, audio system, etc. (direct cost)	25	ea	\$ 12,720.00	\$ 318,000		
Upgrade backbone, wireless access points, and switches (direct cost)	70,205	sf	\$ 9.28	\$ 651,151		
Upgrade fiber to support (direct cost)	70,205	sf	\$ 9.28	\$ 651,151		
<b>TOTAL PROJECT COSTS (2018\$)</b>				\$ 30,147,000	\$ 30,147,000	\$ 39,357,000

Construction Cost Summary

	Area	Unit	Unit Cost	Construction Cost Total	Sub-Total	Total Project Cost 25% (x 1.33)
<b>1. Modernize / Reconfigure Existing Classrooms</b>				\$ -	\$ -	\$ -
No scope in this category						
<b>2. Existing Building Systems, Toilets and Improved Energy Efficiency</b>				\$ 41,000	\$ 41,000	\$ 55,000
Restroom upgrades						
Reconfigure	75	sf	\$ 265.00	\$ 19,875		gender neutral restroom
Replace drinking fountains with ADA fountains including bottle filler	4	ea	\$ 5,088.00	\$ 20,352		
<b>3. Site Utilities &amp; Infrastructure</b>				\$ -	\$ -	\$ -
No scope in this category						
<b>4. New Construction (Classrooms)</b>				\$ 3,338,000	\$ 3,338,000	\$ 4,440,000
Student collaboration lab						
Classrooms, one story building	2,112	sf	\$ 466.40	\$ 985,037		
Site improvements surrounding building pad	2,112	sf	\$ 44.52	\$ 94,026		
Middle school						
Remove portable classrooms	4	ea	\$ 12,720.00	\$ 50,880		
Classrooms, one story building	4,224	sf	\$ 478.06	\$ 2,019,325		
Site improvements surrounding building pad	4,224	sf	\$ 44.52	\$ 188,052		
<b>5. Elementary STEM &amp; JrHS/HS Science Programs</b>				\$ -	\$ -	\$ -
No scope in this category						
<b>6. JrHS/HS Electives Improvements</b>				\$ -	\$ -	\$ -
No scope in this category						
<b>7. Music, Drama &amp; Performing Arts Improvements</b>				\$ -	\$ -	\$ -
No scope in this category						
<b>8. MPR, Student Union &amp; Food Service Improvements</b>				\$ -	\$ -	\$ -
No scope in this category						
<b>9. Physical Education Improvements</b>				\$ -	\$ -	\$ -
No scope in this category						
<b>10. Staff and Community Support</b>				\$ -	\$ -	\$ -
No scope in this category						
<b>11. Library &amp; Student Support Services</b>				\$ -	\$ -	\$ -
No scope in this category						

SECTION 6



APPENDIX  
TOTAL PROGRAM DETAILED COST





Construction Cost Summary

	Area	Unit	Unit Cost	Construction Cost		Total Project Cost 25% (x 1.33)
				Cost	Sub-Total	
<b>12. Safety and Security</b>				\$ 582,000		\$ 775,000
Decorative metal fencing and gates	510	lf	\$ 296.80	\$	151,368	
Rolling decorative metal gate	3	ea	\$ 47,700.00	\$	143,100	
New exterior lighting for student safety	1	ls	\$ 160,000.00	\$	160,000	
New safety locks to existing classroom doors	50	ea	\$ 1,351.50	\$	67,575	
New emergency signs and posts	1	ls	\$ 38,160.00	\$	38,160	
New marquee sign	1	ea	\$ 21,200.00	\$	21,200	
Low voltage upgrades						
Intrusion alarms	73,950	sf	\$ 2.12	Excluded		
Other security systems	73,950	sf	\$ 2.54	Excluded	cameras	
<b>13. Bike / Car Parking &amp; Drop-off</b>				\$ 68,000		\$ 91,000
Bike parking incl. fencing and gates, AC paving and bike rac	10,706	sf	\$ 6.26	\$	67,030	minor work to existing bik
<b>14. Outdoor Learning Courts, Quads &amp; Gardens</b>				\$ 519,000		\$ 691,000
New student quad	8,000	sf	\$ 27.56	\$	220,480	
New learning courts	5,500	sf	\$ 27.56	\$	151,580	
New student garden	2,500	sf	\$ 21.20	\$	53,000	
Shade structure	1,750	sf	\$ 53.50	\$	93,625	
<b>15. Exterior Play Spaces, Playfields &amp; Hardcourts</b>				\$ 663,000		\$ 882,000
Play yard and hardcourts						
Slurry and stripe existing hardcourts	72,000	sf	\$ 4.24	\$	305,280	
Repair playfields	340,000	sf	\$ 1.05	\$	356,796	minor repair
<b>16. Next Generation Learning Furniture</b>				\$ 901,000		\$ 901,000
Flexible furniture per classroom (direct cost)	34	ea	\$ 26,500.00	\$	901,000	
<b>17. Technology Infrastructure &amp; Equipment</b>				\$ 1,119,000		\$ 1,119,000
Classroom tech package - smart boards, projector, project mounts, flat screen monitor, audio system, etc. (direct cost)	34	ea	\$ 12,720.00	\$	432,480	
Upgrade backbone, wireless access points, and switches (direct cost)	73,950	sf	\$ 4.64	\$	342,943	all CR's at 50%
Upgrade fiber to support (direct cost)	73,950	sf	\$ 4.64	\$	342,943	all CR's at 50%
<b>TOTAL PROJECT COSTS (2018\$)</b>				\$ 7,229,000		\$ 8,954,000

Construction Cost Summary

	Area	Unit	Unit Cost	Construction Cost		Total Project Cost 25% (x 1.33)
				Cost	Sub-Total	
<b>1. Modernize / Reconfigure Existing Classrooms</b>				\$ -		\$ -
No scope in this category						
<b>2. Existing Building Systems, Toilets and Improved Energy Efficiency</b>				\$ 120,000		\$ 160,000
Restroom upgrades						
Reconfigure	375	sf	\$ 265.00	\$	99,375	includes gender neutral restroom
Replace drinking fountains with ADA fountains including bottle filler	4	ea	\$ 5,088.00	\$	20,352	
<b>3. Site Utilities &amp; Infrastructure</b>				\$ 1,405,000		\$ 1,869,000
Based on entire campus area, upgrade existing utilities;						
Natural gas service	806,000	sf	\$ 0.11	\$	85,436	mod. at 25%
Sanitary sewer service	806,000	sf	\$ 0.21	\$	170,872	mod. at 25%
Domestic and fire water service	806,000	sf	\$ 0.27	\$	213,590	mod. at 25%
Electrical mains and distribution	806,000	sf	\$ 0.53	\$	429,316	mod. at 25%
Storm drain service	806,000	sf	\$ 0.27	\$	213,590	mod. at 25%
Electrical capacity upgrades	1	ls	\$ 291,500.00	\$	291,500	
<b>4. New Construction (Classrooms)</b>				\$ 3,401,000		\$ 4,524,000
Middle school						
Remove portable classrooms	7	ea	\$ 12,720.00	\$	89,040	
Classrooms, one story building	6,336	sf	\$ 478.06	\$	3,028,988	
Site improvements surrounding building pad	6,336	sf	\$ 44.52	\$	282,079	
<b>5. Elementary STEM &amp; JrHS/HS Science Programs</b>				\$ -		\$ -
No scope in this category						
<b>6. JrHS/HS Electives Improvements</b>				\$ 1,125,000		\$ 1,497,000
Elective classrooms						
Moderate modernization	7,075	sf	\$ 159.00	\$	1,124,925	
<b>7. Music, Drama &amp; Performing Arts Improvements</b>				\$ 2,497,000		\$ 3,322,000
Music lab classroom						
Lab classrooms, one story building	4,345	sf	\$ 530.00	\$	2,302,850	
Site improvements surrounding building pad	4,345	sf	\$ 44.52	\$	193,439	

SECTION 6



APPENDIX  
TOTAL PROGRAM DETAILED COST



Construction Cost Summary

	Area	Unit	Unit Cost	Construction Cost	Sub Total	Total Project Cost 25% (x 1.33)
<b>8. MPR, Student Union &amp; Food Service Improvements</b>				\$ 3,151,000		\$ 4,191,000
Multi-purpose rooms						
Moderate modernization	3,500	sf	\$ 185.50	\$ 649,250		
Reconfigure	1,750	sf	\$ 349.80	\$ 612,150		
MPR, one story building	1,925	sf	\$ 583.00	\$ 1,122,275	stage area	
Site improvements surrounding building pad	1,925	sf	\$ 44.52	\$ 85,701		
Food service						
Moderate modernization	1,750	sf	\$ 206.70	\$ 361,725		
New kitchen equipment, allowance	1,750	sf	\$ 79.50	\$ 139,125		
New trash enclosure	1	ea	\$ 53,000.00	\$ 53,000		
New lunch shelter	1,200	sf	\$ 106.00	\$ 127,200	shade sails	
<b>9. Physical Education Improvements</b>				\$ -		\$ -
No scope in this category						
<b>10. Staff and Community Support</b>				\$ 484,000		\$ 644,000
Staff work rooms						
Moderate modernization	1,050	sf	\$ 143.10	\$ 150,255		
Admin, one story building	660	sf	\$ 461.10	\$ 304,326		
Site improvements surrounding building pad	660	sf	\$ 44.52	\$ 29,383		
<b>11. Library &amp; Student Support Services</b>				\$ 1,180,000		\$ 1,570,000
Student services						
Classrooms, one story building	2,332	sf	\$ 461.10	\$ 1,075,285		
Site improvements surrounding building pad	2,332	sf	\$ 44.52	\$ 103,821		
<b>12. Safety and Security</b>				\$ 892,000		\$ 1,187,000
New concrete pedestrian paving	4,000	sf	\$ 19.08	\$ 76,320		
Decorative metal fencing and gates	340	lf	\$ 296.80	\$ 100,912		
Rolling decorative metal gate	3	ea	\$ 47,700.00	\$ 143,100		
New exterior lighting for student safety	1	ls	\$ 160,000.00	\$ 160,000		
New safety locks to existing classroom doors	50	ea	\$ 1,351.50	\$ 67,575		
New emergency signs and posts	1	ls	\$ 38,160.00	\$ 38,160		
New marquee sign	1	ea	\$ 21,200.00	\$ 21,200		
Low voltage upgrades						
Fire alarm system	15,125	sf	\$ 6.36	\$ 96,195		
New fire alarm head end equipment, allowance	1	ls	\$ 26,500.00	\$ 26,500		
Emergency lighting	15,125	sf	\$ 1.70	\$ 25,652		
PA / emergency communication systems	15,125	sf	\$ 9.01	\$ 136,276		
Intrusion alarms	15,125	sf	\$ 2.12	Excluded		
Other security systems	15,125	sf	\$ 2.54	Excluded	cameras	

Construction Cost Summary

	Area	Unit	Unit Cost	Construction Cost	Sub Total	Total Project Cost 25% (x 1.33)
<b>13. Bike / Car Parking &amp; Drop-off</b>				\$ 799,000		\$ 1,063,000
Slurry and stripe existing parking lot	11,050	sf	\$ 4.24	\$ 46,852		
New parking lot	13,000	sf	\$ 19.08	\$ 248,040		
New drop-off area	10,000	sf	\$ 21.20	\$ 212,000		
Entry plaza upgrades	3,500	sf	\$ 30.74	\$ 107,590		
Bike parking incl. fencing and gates, AC paving and bike rack	8,800	sf	\$ 20.87	\$ 183,656		
<b>14. Outdoor Learning Courts, Quads &amp; Gardens</b>				\$ 728,000		\$ 969,000
New student quad	19,200	sf	\$ 20.67	\$ 396,864		
New learning courts	10,150	sf	\$ 27.56	\$ 279,734		
New student garden	2,400	sf	\$ 21.20	\$ 50,880		
<b>15. Exterior Play Spaces, Playfields &amp; Hardcourts</b>				\$ 790,000		\$ 1,051,000
Play yard and hardcourts						
Shade structure	1,200	sf	\$ 53.00	\$ 63,600		
Resurface and repair hardcourts	35,000	sf	\$ 6.36	\$ 222,600		
Repair playfields	243,800	sf	\$ 0.64	\$ 155,057	minor repair	
Baseball and softball fields						
New natural turf	24,200	sf	\$ 5.83	\$ 141,086	new field @50%	
New field equipment including bases and mounds	1	ea	\$ 25,440.00	\$ 25,440		
New backstop	1	ea	\$ 29,150.00	\$ 29,150		
Track, field and stadium						
New decomposed granite track	32,000	sf	\$ 4.77	\$ 152,640		
<b>16. Next Generation Learning Furniture</b>				\$ 928,000		\$ 928,000
Flexible furniture per classroom (direct cost)	35	ea	\$ 26,500.00	\$ 927,500		
<b>17. Technology Infrastructure &amp; Equipment</b>				\$ 963,000		\$ 963,000
Classroom tech package - smart boards, projector, project mounts, flat screen monitor, audio system, etc. (direct cost)	35	ea	\$ 12,720.00	\$ 445,200		
Upgrade backbone, wireless access points, and switches (direct cost)	55,745	sf	\$ 4.64	\$ 258,517	all CR's @ 50%	
Upgrade fiber to support (direct cost)	55,745	sf	\$ 4.64	\$ 258,517	all CR's @ 50%	
<b>TOTAL PROJECT COSTS (2018\$)</b>				\$ 18,460,000		\$ 23,938,000

SECTION 6



APPENDIX  
TOTAL PROGRAM DETAILED COST



Construction Cost Summary

	Area	Unit	Unit Cost	Construction Cost Total	Sub-Total	Total Project Cost 25% (x 1.33)
<b>1. Modernize / Reconfigure Existing Classrooms</b>				\$ -		\$ -
No scope in this category						
<b>2. Existing Building Systems, Toilets and Improved Energy Efficiency</b>				\$ 604,000		\$ 804,000
Restroom upgrades						
Moderate modernization	875	sf	\$ 132.50	\$ 115,938		
Reconfigure	75	sf	\$ 265.00	\$ 19,875	gender neutral restroom	
Restroom, one story building	625	sf	\$ 662.50	\$ 414,063	at play fields	
Site improvements surrounding building pad	625	sf	\$ 44.52	\$ 27,825		
Replace drinking fountains with ADA fountains including bottle filler	5	ea	\$ 5,088.00	\$ 25,440		
<b>3. Site Utilities &amp; Infrastructure</b>				\$ 1,444,000		\$ 1,921,000
Based on entire campus area, upgrade existing utilities;						
Natural gas service	1,928,300	sf	\$ 0.04	\$ 81,760	mod. @ 10%	
Sanitary sewer service	1,928,300	sf	\$ 0.08	\$ 163,520	mod. @ 10%	
Domestic and fire water service	1,928,300	sf	\$ 0.11	\$ 204,400	mod. @ 10%	
Electrical mains and distribution	1,928,300	sf	\$ 0.21	\$ 410,844	mod. @ 10%	
Electrical capacity upgrades	1	ls	\$ 583,000.00	\$ 583,000		
<b>4. New Construction (Classrooms)</b>				\$ 18,873,000		\$ 25,102,000
Student collaboration lab						
Classrooms, two story building	5,586	sf	\$ 514.10	\$ 2,871,763		
Site improvements surrounding building pad	2,793	sf	\$ 44.52	\$ 124,344		
High school						
Remove portable classrooms	20	ea	\$ 12,720.00	\$ 254,400		
Demolish existing buildings	7,500	sf	\$ 26.50	\$ 198,750		
Classrooms, two story building	28,090	sf	\$ 526.82	\$ 14,798,163		
Site improvements surrounding building pad	14,045	sf	\$ 44.52	\$ 625,274		
<b>5. Elementary STEM &amp; JrHS/HS Science Programs</b>				\$ 12,984,000		\$ 17,269,000
Demolish existing buildings	22,300	sf	\$ 26.50	\$ 590,950		
High school science and STEM labs						
Lab classrooms, two story building	19,950	sf	\$ 598.90	\$ 11,948,055		
Site improvements surrounding building pad	9,975	sf	\$ 44.52	\$ 444,087		

Construction Cost Summary

	Area	Unit	Unit Cost	Construction Cost Total	Sub-Total	Total Project Cost 25% (x 1.33)
<b>6. JrHS/HS Electives Improvements</b>				\$ 9,219,000		\$ 12,262,000
Elective classrooms						
Minor modernization	13,400	sf	\$ 111.30	\$ 1,491,420		
Classrooms, one story building	1,650	sf	\$ 478.06	\$ 788,799		
Classrooms, two story building	12,502	sf	\$ 526.82	\$ 6,586,304		
Site improvements surrounding building pad	7,901	sf	\$ 44.52	\$ 351,753		
<b>7. Music, Drama &amp; Performing Arts Improvements</b>				\$ 1,066,000		\$ 1,418,000
Dance and drama classrooms						
Minor modernization	3,200	sf	\$ 111.30	\$ 356,160		
Structural upgrades	3,200	sf	\$ 16.05	\$ 51,360		
Theatre						
Minor modernization	10,800	sf	\$ 60.95	\$ 658,260		
<b>8. MPR, Student Union &amp; Food Service Improvements</b>				\$ 731,000		\$ 973,000
Food service						
Food service, one story building	300	sf	\$ 694.30	\$ 208,290		
Site improvements surrounding building pad	300	sf	\$ 44.52	\$ 13,356		
New lunch shelter	4,800	sf	\$ 106.00	\$ 508,800		
<b>9. Physical Education Improvements</b>				\$ 7,978,000		\$ 10,611,000
Remove portable classrooms						
	2	ea	\$ 12,720.00	\$ 25,440		
PE / fitness rooms						
Classrooms, one story building	1,980	sf	\$ 478.06	\$ 946,559		
Site improvements surrounding building pad	1,980	sf	\$ 44.52	\$ 88,150		
Gymnasium						
Minor modernization	9,900	sf	\$ 116.60	\$ 1,154,340		
Structural upgrades	9,900	sf	\$ 16.05	\$ 158,895		
Gymnasium, one story building	3,000	sf	\$ 471.70	\$ 1,415,100	lobby/conc./toilets	
Site improvements surrounding building pad	3,000	sf	\$ 44.52	\$ 133,560		
Locker rooms						
Moderate modernization	9,600	sf	\$ 185.50	\$ 1,780,800		
Structural upgrades	9,600	sf	\$ 16.05	\$ 154,080		
Locker rooms, one story building	2,640	sf	\$ 604.20	\$ 1,595,088	aquatic center	
Site improvements surrounding building pad	2,640	sf	\$ 44.52	\$ 117,533		
Weight room						
Minor modernization	3,200	sf	\$ 111.30	\$ 356,160		
Structural upgrades	3,200	sf	\$ 16.05	\$ 51,360		

SECTION 6



APPENDIX  
TOTAL PROGRAM DETAILED COST



Construction Cost Summary

	Area	Unit	Unit Cost	Construction Cost	Sub-Total	Total Project Cost 25% (x 1.33)
<b>10. Staff and Community Support</b>				<b>\$ 6,765,000</b>	<b>\$ 8,998,000</b>	
Demolish existing buildings Administration	12,000	sf	\$ 26.50	\$ 318,000		
Admin, one story building	6,160	sf	\$ 461.10	\$ 2,840,376		
Site improvements surrounding building pad	6,160	sf	\$ 44.52	\$ 274,243		
Staff work rooms						
Admin, one story building	3,795	sf	\$ 461.10	\$ 1,749,875		
Admin, two story building	2,660	sf	\$ 508.80	\$ 1,353,408		
Site improvements surrounding building pad	5,125	sf	\$ 44.52	\$ 228,165		
<b>11. Library &amp; Student Support Services</b>				<b>\$ 6,418,000</b>	<b>\$ 8,536,000</b>	
Remove portable classrooms	2	ea	\$ 12,720.00	\$ 25,440		
Demolish existing buildings	5,340	sf	\$ 26.50	\$ 141,510		
Student services						
Classrooms, one story building	9,680	sf	\$ 461.10	\$ 4,463,448		
Classrooms, two story building	2,554	sf	\$ 508.80	\$ 1,299,272		
Site improvements surrounding building pad	10,957	sf	\$ 44.52	\$ 487,797		
<b>12. Safety and Security</b>				<b>\$ 3,179,000</b>	<b>\$ 4,229,000</b>	
Repair concrete pedestrian paving	2,000	sf	\$ 11.66	\$ 23,320	back entry by gym	
New covered walkways	700	sf	\$ 106.00	\$ 74,200		
Decorative metal fencing and gates	610	lf	\$ 296.80	\$ 181,048		
Rolling decorative metal gate	3	ea	\$ 47,700.00	\$ 143,100		
New exterior lighting for student safety	1	ls	\$ 240,000.00	\$ 240,000		
New safety locks to existing classroom doors	130	ea	\$ 1,351.50	\$ 175,695		
New emergency signs and posts	1	ls	\$ 95,400.00	\$ 95,400		
New marquee sign	1	ea	\$ 21,200.00	\$ 21,200		
Low voltage upgrades						
Fire alarm system	128,775	sf	\$ 6.36	\$ 819,009		
New fire alarm head end equipment, allowance	1	ls	\$ 26,500.00	\$ 26,500		
Emergency lighting	128,775	sf	\$ 1.70	\$ 218,402		
PA / emergency communication systems	128,775	sf	\$ 9.01	\$ 1,160,263		
Intrusion alarms	128,775	sf	\$ 2.12	Excluded		
Other security systems	128,775	sf	\$ 2.54	Excluded	cameras	
<b>13. Bike / Car Parking &amp; Drop-off</b>				<b>\$ 297,000</b>	<b>\$ 396,000</b>	
Entry plaza upgrades	4,400	sf	\$ 30.74	\$ 135,256		
Bike parking incl. fencing and gates, AC paving and bike rack	7,750	sf	\$ 20.87	\$ 161,743		

Construction Cost Summary

	Area	Unit	Unit Cost	Construction Cost	Sub-Total	Total Project Cost 25% (x 1.33)
<b>14. Outdoor Learning Courts, Quads &amp; Gardens</b>				<b>\$ 949,000</b>	<b>\$ 1,263,000</b>	
New student quad	28,000	sf	\$ 23.43	\$ 655,928		
New learning courts	3,750	sf	\$ 27.56	\$ 103,350		
Repair student quad	19,600	sf	\$ 5.86	\$ 114,787		
New student garden	7,000	sf	\$ 10.60	\$ 74,200	new at 50%	
<b>15. Exterior Play Spaces, Playfields &amp; Hardcourts</b>				<b>\$ 5,750,000</b>	<b>\$ 7,648,000</b>	
New aquatic center	1	ls	\$ 5,750,000.00	\$ 5,750,000		
<b>16. Next Generation Learning Furniture</b>				<b>\$ 2,120,000</b>	<b>\$ 2,120,000</b>	
Flexible furniture per classroom (direct cost)	80	ea	\$ 26,500.00	\$ 2,120,000		
<b>17. Technology Infrastructure &amp; Equipment</b>				<b>\$ 2,211,988</b>	<b>\$ 2,212,000</b>	
Classroom tech package - smart boards, projector, project mounts, flat screen monitor, audio system, etc. (direct cost)	80	ea	\$ 12,720.00	\$ 1,017,600		
Upgrade backbone, wireless access points, and switches (direct cost)	128,775	sf	\$ 4.64	\$ 597,194	all CR's @ 50%	
Upgrade fiber to support (direct cost)	128,775	sf	\$ 4.64	\$ 597,194	all CR's @ 50%	
<b>TOTAL PROJECT COSTS (2018\$)</b>				<b>\$ 80,585,000</b>	<b>\$ 105,762,000</b>	

SECTION 6



APPENDIX  
TOTAL PROGRAM DETAILED COST



Construction Cost Summary

	Area	Unit	Unit Cost	Construction Cost Total	Sub-Total	Total Project Cost 25% (x 1.33)
<b>1. Modernize / Reconfigure Existing Classrooms</b>				\$ 1,281,000		\$ 1,704,000
Existing classrooms (MEP scope covered in Section C)						
Walls						
Replace existing walls	960	sf	\$ 21.20	\$ 20,352		
Repair existing walls	9,600	sf	\$ 5.30	\$ 50,880		
Windows						
Replace existing windows	10,560	sf	\$ 53.66	\$ 566,676	includes clerestory	
Doors						
Replace existing doors	960	sf	\$ 15.90	\$ 15,264		
Repair existing doors	9,600	sf	\$ 5.30	\$ 50,880		
Floors						
Replace existing floors	10,560	sf	\$ 17.49	\$ 184,694		
Ceilings						
Replace existing ceilings	960	sf	\$ 26.50	\$ 25,440		
Repair existing ceilings	9,600	sf	\$ 13.25	\$ 127,200		
Exteriors						
Patch, repair and paint	10,560	sf	\$ 5.30	\$ 55,968		
Refurbish covered walkways	4,320	sf	\$ 35.00	\$ 151,200		
ADA upgrades, allowance	10,560	sf	\$ 3.00	\$ 31,680		
<b>2. Existing Building Systems, Toilets and Improved Energy Efficiency</b>				\$ 1,167,000		\$ 1,553,000
Restroom upgrades						
Moderate modernization	950	sf	\$ 132.50	\$ 125,875		
Reconfigure	75	sf	\$ 265.00	\$ 19,875	gender neutral restroom	
Restroom, one story building	495	sf	\$ 662.50	\$ 327,938		
Site improvements surrounding building pad	495	sf	\$ 44.52	\$ 22,037		
Building systems						
EMS systems upgrades	17,895	sf	\$ 7.95	\$ 142,265		
Lighting and controls upgrades	17,895	sf	\$ 21.20	\$ 379,374		
Convenience power upgrades	17,895	sf	\$ 6.89	\$ 123,297		
Replace drinking fountains with ADA fountains including bottle filler	5	ea	\$ 5,088.00	\$ 25,440		
<b>3. Site Utilities &amp; Infrastructure</b>				\$ 559,000		\$ 744,000
Based on entire campus area, upgrade existing utilities;						
Sanitary sewer service	359,000	sf	\$ 0.21	\$ 76,108	mod. at 25%	
Electrical mains and distribution	359,000	sf	\$ 0.53	\$ 191,221	mod. at 25%	
Electrical capacity upgrades	1	ls	\$ 291,500.00	\$ 291,500		

Construction Cost Summary

	Area	Unit	Unit Cost	Construction Cost Total	Sub-Total	Total Project Cost 25% (x 1.33)
<b>4. New Construction (Classrooms)</b>				\$ 6,460,000		\$ 8,592,000
Student collaboration lab						
Classrooms, two story building	1,397	sf	\$ 514.10	\$ 717,941		
Site improvements surrounding building pad	698	sf	\$ 44.52	\$ 31,086		
High school						
Remove portable classrooms	8	ea	\$ 12,720.00	\$ 101,760		
Classrooms, two story building	10,214	sf	\$ 526.82	\$ 5,381,150		
Site improvements surrounding building pad	5,107	sf	\$ 44.52	\$ 227,373		
<b>5. Elementary STEM &amp; JrHS/HS Science Programs</b>				\$ 3,930,000		\$ 5,227,000
Remove portable classrooms						
Classrooms, two story building	2	ea	\$ 12,720.00	\$ 25,440		
Middle science and STEM labs						
Reconfigure	1,800	sf	\$ 318.00	\$ 572,400		
Lab classrooms, one story building	2,750	sf	\$ 545.90	\$ 1,501,225		
Site improvements surrounding building pad	2,750	sf	\$ 44.52	\$ 122,430		
High school science and STEM labs						
Lab classrooms, two story building	2,750	sf	\$ 598.90	\$ 1,646,975		
Site improvements surrounding building pad	1,375	sf	\$ 44.52	\$ 61,215		
<b>6. JrHS/HS Electives Improvements</b>				\$ 1,973,000		\$ 2,625,000
Elective classrooms						
Classrooms, two story building	3,593	sf	\$ 526.82	\$ 1,892,864		
Site improvements surrounding building pad	1,797	sf	\$ 44.52	\$ 79,980		
<b>7. Music, Drama &amp; Performing Arts Improvements</b>				\$ 759,000		\$ 1,010,000
Music lab classroom						
Lab classrooms, one story building	1,320	sf	\$ 530.00	\$ 699,600		
Site improvements surrounding building pad	1,320	sf	\$ 44.52	\$ 58,766		
<b>8. MPR, Student Union &amp; Food Service Improvements</b>				\$ 480,000		\$ 639,000
Food service						
Reconfigure	600	sf	\$ 418.70	\$ 251,220		
New kitchen equipment, allowance	600	sf	\$ 79.50	\$ 47,700		
New trash enclosure	1	ea	\$ 53,000.00	\$ 53,000		
New lunch shelter	1,200	sf	\$ 106.00	\$ 127,200		

SECTION 6



APPENDIX  
TOTAL PROGRAM DETAILED COST



Construction Cost Summary

	Area	Unit	Unit Cost	Construction Cost Total	Sub-Total	Total Project Cost 25% (x 1.33)
<b>9. Physical Education Improvements</b>				\$ 6,178,000	\$	8,217,000
PE / fitness rooms						
Classrooms, one story building	1,348	sf	\$ 478.06	\$ 644,186		
Site improvements surrounding building pad	1,348	sf	\$ 44.52	\$ 59,991		
Gymnasium						
Gymnasium, one story building	7,700	sf	\$ 471.70	\$ 3,632,090		
Site improvements surrounding building pad	7,700	sf	\$ 44.52	\$ 342,804		
Locker rooms						
Locker rooms, one story building	2,310	sf	\$ 604.20	\$ 1,395,702		
Site improvements surrounding building pad	2,310	sf	\$ 44.52	\$ 102,841		
<b>10. Staff and Community Support</b>				\$ 849,000	\$	1,130,000
Administration						
Reconfigure	2,400	sf	\$ 270.30	\$ 648,720		
Staff work rooms						
Admin, one story building	396	sf	\$ 461.10	\$ 182,596		
Site improvements surrounding building pad	396	sf	\$ 44.52	\$ 17,630		
<b>11. Library &amp; Student Support Services</b>				\$ 1,213,000	\$	1,614,000
Student services						
Reconfigure	1,585	sf	\$ 270.30	\$ 428,426		
Classrooms, two story building	1,476	sf	\$ 508.80	\$ 751,141		
Site improvements surrounding building pad	738	sf	\$ 44.52	\$ 32,862		
<b>12. Safety and Security</b>				\$ 1,194,000	\$	1,589,000
Repair concrete pedestrian paving	5,500	sf	\$ 11.66	\$ 64,130		
New covered walkways	2,250	sf	\$ 106.00	\$ 238,500		
Decorative metal fencing and gates	215	lf	\$ 296.80	\$ 63,812		
Rolling decorative metal gate	3	ea	\$ 47,700.00	\$ 143,100		
New exterior lighting for student safety	1	ls	\$ 240,000.00	\$ 240,000		
New safety locks to existing classroom doors	25	ea	\$ 1,351.50	\$ 33,788		
New emergency signs and posts	1	ls	\$ 57,240.00	\$ 57,240		
New marquee sign	1	ea	\$ 21,200.00	\$ 21,200		
Low voltage upgrades						
Fire alarm system	17,895	sf	\$ 6.36	\$ 113,812		
New fire alarm head end equipment, allowance	1	ls	\$ 26,500.00	\$ 26,500		
Emergency lighting	17,895	sf	\$ 1.70	\$ 30,350		
PA / emergency communication systems	17,895	sf	\$ 9.01	\$ 161,234		
Intrusion alarms	17,895	sf	\$ 2.12	Excluded		
Other security systems	17,895	sf	\$ 2.54	Excluded	cameras	

Construction Cost Summary

	Area	Unit	Unit Cost	Construction Cost Total	Sub-Total	Total Project Cost 25% (x 1.33)
<b>13. Bike / Car Parking &amp; Drop-off</b>				\$ 516,000	\$	687,000
New parking lot	17,500	sf	\$ 19.08	\$ 333,900		
New concrete pedestrian paving	2,600	sf	\$ 19.08	\$ 49,608		
Entry plaza upgrades	2,400	sf	\$ 30.74	\$ 73,776		
Bike parking incl. fencing and gates, AC paving and bike racks	2,800	sf	\$ 20.87	\$ 58,436		
<b>14. Outdoor Learning Courts, Quads &amp; Gardens</b>				\$ 521,000	\$	693,000
New student quad	9,900	sf	\$ 27.56	\$ 272,844		
New learning courts	9,000	sf	\$ 27.56	\$ 248,040		
<b>15. Exterior Play Spaces, Playfields &amp; Hardcourts</b>				\$ 618,000	\$	822,000
Play yard and hardcourts						
New hardcourts	29,900	sf	\$ 12.72	\$ 380,328		
New basketball courts and hoops	6	ea	\$ 5,830.00	\$ 34,980		
Repair playfields	69,000	sf	\$ 1.59	\$ 109,710	minor repairs	
Baseball and softball fields						
New backstop	1	ea	\$ 29,150.00	\$ 29,150		
New bike path	3,000	sf	\$ 21.06	\$ 63,180		
<b>16. Next Generation Learning Furniture</b>				\$ 663,000	\$	663,000
Flexible furniture per classroom (direct cost)	25	ea	\$ 26,500.00	\$ 662,500		
<b>17. Technology Infrastructure &amp; Equipment</b>				\$ 650,000	\$	650,000
Classroom tech package - smart boards, projector, project mounts, flat screen monitor, audio system, etc. (direct cost)	25	ea	\$ 12,720.00	\$ 318,000		
Upgrade backbone, wireless access points, and switches (direct cost)	17,895	sf	\$ 9.28	\$ 165,976		
Upgrade fiber to support (direct cost)	17,895	sf	\$ 9.28	\$ 165,976		
<b>TOTAL PROJECT COSTS (2018\$)</b>				\$ 29,008,000	\$	38,159,000

SECTION 6



APPENDIX  
TOTAL PROGRAM DETAILED COST



Construction Cost Summary

	Area	Unit	Unit Cost	Construction Cost Total	Sub-Total	Total Project Cost 25% (x 1.33)
<b>1. Modernize / Reconfigure Existing Classrooms</b>				\$ -		\$ -
No scope in this category						
<b>2. Existing Building Systems, Toilets and Improved Energy Efficiency</b>				\$ 41,000		\$ 55,000
Restroom upgrades						
Reconfigure	75	sf	\$ 265.00	\$ 19,875		
Replace drinking fountains with ADA fountains including bottle filler	4	ea	\$ 5,088.00	\$ 20,352	gender neutral restroom	
<b>3. Site Utilities &amp; Infrastructure</b>				\$ -		\$ -
No scope in this category						
<b>4. New Construction (Classrooms)</b>				\$ -		\$ -
No scope in this category						
<b>5. Elementary STEM &amp; JrHS/HS Science Programs</b>				\$ -		\$ -
No scope in this category						
<b>6. JrHS/HS Electives Improvements</b>				\$ 34,000		\$ 46,000
Minor modernization	300	sf	\$ 111.30	\$ 33,390	shop canopy	
<b>7. Music, Drama &amp; Performing Arts Improvements</b>				\$ -		\$ -
No scope in this category						
<b>8. MPR, Student Union &amp; Food Service Improvements</b>				\$ 56,000		\$ 75,000
Food service						
Minor modernization	300	sf	\$ 148.40	\$ 44,520	food service	
Trash enclosure canopy	150	sf	\$ 75.00	\$ 11,250	enclosure cover	
<b>9. Physical Education Improvements</b>				\$ 23,000		\$ 31,000
Weight room						
Minor modernization	400	sf	\$ 55.65	\$ 22,260	HVAC only	
<b>10. Staff and Community Support</b>				\$ -		\$ -
No scope in this category						
<b>11. Library &amp; Student Support Services</b>				\$ -		\$ -
No scope in this category						

Construction Cost Summary

	Area	Unit	Unit Cost	Construction Cost Total	Sub-Total	Total Project Cost 25% (x 1.33)
<b>12. Safety and Security</b>				\$ 31,000		\$ 42,000
New safety locks to existing classroom doors						
	7	ea	\$ 1,351.50	\$ 9,461		
New marquee sign						
	1	ea	\$ 21,200.00	\$ 21,200		
<b>13. Bike / Car Parking &amp; Drop-off</b>				\$ -		\$ -
No scope in this category						
<b>14. Outdoor Learning Courts, Quads &amp; Gardens</b>				\$ -		\$ -
No scope in this category						
<b>15. Exterior Play Spaces, Playfields &amp; Hardcourts</b>				\$ -		\$ -
No scope in this category						
<b>16. Next Generation Learning Furniture</b>				\$ 133,000		\$ 133,000
Flexible furniture per classroom (direct cost)						
	5	ea	\$ 26,500.00	\$ 132,500		
<b>17. Technology Infrastructure &amp; Equipment</b>				\$ 197,000		\$ 197,000
Classroom tech package - smart boards, projector, project mounts, flat screen monitor, audio system, etc. (direct cost)						
	5	ea	\$ 12,720.00	\$ 63,600		
Upgrade backbone, wireless access points, and switches (direct cost)						
	7,150	sf	\$ 9.28	\$ 66,316		
Upgrade fiber to support (direct cost)						
	7,150	sf	\$ 9.28	\$ 66,316		
<b>TOTAL PROJECT COSTS (2018\$)</b>				\$ 514,000		\$ 579,000

SECTION 6



APPENDIX  
TOTAL PROGRAM DETAILED COST



Construction Cost Summary

	Area	Unit	Unit Cost	Construction Cost Total	Sub-Total	Total Project Cost 25% (x 1.33)
1. Modernize / Reconfigure Existing Classrooms No scope in this category				\$ -		\$ -
2. Existing Building Systems, Toilets and Improved Energy Efficiency No scope in this category				\$ -		\$ -
3. Site Utilities & Infrastructure No scope in this category				\$ -		\$ -
4. New Construction (Classrooms) No scope in this category				\$ -		\$ -
5. Elementary STEM & JrHS/HS Science Programs No scope in this category				\$ -		\$ -
6. JrHS/HS Electives Improvements No scope in this category				\$ -		\$ -
7. Music, Drama & Performing Arts Improvements No scope in this category				\$ -		\$ -
8. MPR, Student Union & Food Service Improvements No scope in this category				\$ -		\$ -
9. Physical Education Improvements No scope in this category				\$ -		\$ -
10. Staff and Community Support DSIS and District Office Modernization, quote per DJUSD		1 ls	\$ 3,000,000.00	\$ 3,000,000		\$ 3,990,000
11. Library & Student Support Services No scope in this category				\$ -		\$ -
12. Safety and Security No scope in this category				\$ -		\$ -
13. Bike / Car Parking & Drop-off No scope in this category				\$ -		\$ -

Construction Cost Summary

	Area	Unit	Unit Cost	Construction Cost Total	Sub-Total	Total Project Cost 25% (x 1.33)
14. Outdoor Learning Courts, Quads & Gardens No scope in this category				\$ -		\$ -
15. Exterior Play Spaces, Playfields & Hardcourts No scope in this category				\$ -		\$ -
16. Next Generation Learning Furniture No scope in this category				\$ -		\$ -
17. Technology Infrastructure & Equipment No scope in this category				\$ -		\$ -
<b>TOTAL PROJECT COSTS (2018\$)</b>				\$ 3,000,000		\$ 3,990,000

SECTION 6



APPENDIX  
TOTAL PROGRAM DETAILED COST





Construction Cost Summary

	Area	Unit	Unit Cost	Construction Cost Total	Sub-Total	Total Project Cost 25% (x 1.33)
<b>1. Modernize / Reconfigure Existing Classrooms</b>				\$ -		\$ -
No scope in this category						
<b>2. Existing Building Systems, Toilets and Improved Energy Efficiency</b>				\$ 36,000		\$ 48,000
Restroom upgrades						
Reconfigure	75	sf	\$ 265.00	\$ 19,875		gender neutral restroom
Replace drinking fountains with ADA fountains including bottle filler	3	ea	\$ 5,088.00	\$ 15,264		
<b>3. Site Utilities &amp; Infrastructure</b>				\$ 405,000		\$ 539,000
Based on entire campus area, upgrade existing utilities;						
Natural gas service	73,200	sf	\$ 0.42	\$ 31,037		
Sanitary sewer service	73,200	sf	\$ 0.85	\$ 62,074		
Domestic and fire water service	73,200	sf	\$ 1.06	\$ 77,592		
Electrical mains and distribution	73,200	sf	\$ 2.13	\$ 155,960		
Storm drain service	73,200	sf	\$ 1.06	\$ 77,592		
<b>4. New Construction (Classrooms)</b>				\$ 4,014,000		\$ 5,339,000
Pre-school and kindergarten						
Classrooms, one story building	11,520	sf	\$ 303.85	\$ 3,500,340		modular bldg's
Site improvements surrounding building pad	11,520	sf	\$ 44.52	\$ 512,870		
<b>5. Elementary STEM &amp; JrHS/HS Science Programs</b>				\$ -		\$ -
No scope in this category						
<b>6. JrHS/HS Electives Improvements</b>				\$ -		\$ -
No scope in this category						
<b>7. Music, Drama &amp; Performing Arts Improvements</b>				\$ -		\$ -
No scope in this category						
<b>8. MPR, Student Union &amp; Food Service Improvements</b>				\$ -		\$ -
No scope in this category						
<b>9. Physical Education Improvements</b>				\$ -		\$ -
No scope in this category						

Construction Cost Summary

	Area	Unit	Unit Cost	Construction Cost Total	Sub-Total	Total Project Cost 25% (x 1.33)
<b>10. Staff and Community Support</b>				\$ 992,000		\$ 1,320,000
Administration						
Admin, one story building	1,920	sf	\$ 299.72	\$ 575,453		modular bldg
Site improvements surrounding building pad	1,920	sf	\$ 44.52	\$ 85,478		
Staff work rooms						
Admin, one story building	960	sf	\$ 299.72	\$ 287,726		modular bldg
Site improvements surrounding building pad	960	sf	\$ 44.52	\$ 42,739		
<b>11. Library &amp; Student Support Services</b>				\$ 729,000		\$ 970,000
Student services						
Classrooms, one story building	1,440	sf	\$ 461.10	\$ 663,984		
Site improvements surrounding building pad	1,440	sf	\$ 44.52	\$ 64,109		
<b>12. Safety and Security</b>				\$ 196,000		\$ 261,000
Decorative metal fencing and gates						
Decorative metal fencing and gates	155	lf	\$ 296.80	\$ 46,004		
Rolling decorative metal gate						
Rolling decorative metal gate	1	ea	\$ 47,700.00	\$ 47,700		
New exterior lighting for student safety						
New exterior lighting for student safety	1	ls	\$ 42,400.00	\$ 42,400		
New emergency signs and posts						
New emergency signs and posts	1	ls	\$ 38,160.00	\$ 38,160		
New marquee sign						
New marquee sign	1	ea	\$ 21,200.00	\$ 21,200		
<b>13. Bike / Car Parking &amp; Drop-off</b>				\$ 416,000		\$ 554,000
New parking lot						
New parking lot	14,300	sf	\$ 19.08	\$ 272,844		
New drop-off area						
New drop-off area	4,000	sf	\$ 21.20	\$ 84,800		
New concrete pedestrian paving						
New concrete pedestrian paving	1,000	sf	\$ 19.08	\$ 19,080		
Entry plaza upgrades						
Entry plaza upgrades	1,250	sf	\$ 30.74	\$ 38,425		
<b>14. Outdoor Learning Courts, Quads &amp; Gardens</b>				\$ -		\$ -
No scope in this category						
<b>15. Exterior Play Spaces, Playfields &amp; Hardcourts</b>				\$ 246,000		\$ 328,000
Pre-school and kindergarten play yard						
New rubber surfacing	1,500	sf	\$ 23.32	\$ 34,980		
Play apparatus	1	ea	\$ 81,620.00	\$ 81,620		
Shade structure	1,200	sf	\$ 53.00	\$ 63,600		
New hardcourts	5,100	sf	\$ 12.72	\$ 64,872		
<b>16. Next Generation Learning Furniture</b>				\$ -		\$ -
No scope in this category						

SECTION 6



APPENDIX  
TOTAL PROGRAM DETAILED COST



Construction Cost Summary

	Area	Unit	Unit Cost	Construction Cost Total	Sub-Total	Total Project Cost 25% (x 1.33)
17. Technology Infrastructure & Equipment No scope in this category				\$ -		\$ -
<b>TOTAL PROJECT COSTS (2018\$)</b>				\$ 7,031,000		\$ 9,359,000

Construction Cost Summary

	Area	Unit	Unit Cost	Construction Cost Total	Sub-Total	Total Project Cost 25% (x 1.33)
1. Modernize / Reconfigure Existing Classrooms No scope in this category				\$ -		\$ -
2. Existing Building Systems, Toilets and Improved Energy Efficiency No scope in this category				\$ -		\$ -
3. Site Utilities & Infrastructure No scope in this category				\$ -		\$ -
4. New Construction (Classrooms) No scope in this category				\$ -		\$ -
5. Elementary STEM & JrHS/HS Science Programs No scope in this category				\$ -		\$ -
6. JrHS/HS Electives Improvements No scope in this category				\$ -		\$ -
7. Music, Drama & Performing Arts Improvements No scope in this category				\$ -		\$ -
8. MPR, Student Union & Food Service Improvements				\$ 790,000		\$ 1,051,000
Remove portable classrooms	1	ea	\$ 12,720.00	\$ 12,720		
Multi-purpose rooms						
MPR, one story building	1,238	sf	\$ 583.00	\$ 721,463		
Site improvements surrounding building pad	1,238	sf	\$ 44.52	\$ 55,094		
9. Physical Education Improvements No scope in this category				\$ -		\$ -
10. Staff and Community Support				\$ 639,000		\$ 850,000
Remove portable classrooms	1	ea	\$ 12,720.00	\$ 12,720		
Administration						
Admin, one story building	990	sf	\$ 461.10	\$ 456,489		
Site improvements surrounding building pad	990	sf	\$ 44.52	\$ 44,075		
Staff work rooms						
Admin, one story building	248	sf	\$ 461.10	\$ 114,122		
Site improvements surrounding building pad	248	sf	\$ 44.52	\$ 11,019		

SECTION 6



APPENDIX  
TOTAL PROGRAM DETAILED COST



Construction Cost Summary

	Area	Unit	Unit Cost	Construction Cost Total	Sub-Total	Total Project Cost 25% (x 1.33)
11. Library & Student Support Services No scope in this category				\$ -		\$ -
12. Safety and Security No scope in this category				\$ -		\$ -
13. Bike / Car Parking & Drop-off No scope in this category				\$ -		\$ -
14. Outdoor Learning Courts, Quads & Gardens No scope in this category				\$ -		\$ -
15. Exterior Play Spaces, Playfields & Hardcourts No scope in this category				\$ -		\$ -
16. Next Generation Learning Furniture No scope in this category				\$ -		\$ -
17. Technology Infrastructure & Equipment No scope in this category				\$ -		\$ -
<b>TOTAL PROJECT COSTS (2018\$)</b>				\$ 1,429,000		\$ 1,901,000

Construction Cost Summary

	Area	Unit	Unit Cost	Construction Cost Total	Sub-Total	Total Project Cost 25% (x 1.33)
1. Modernize / Reconfigure Existing Classrooms No scope in this category				\$ -		\$ -
2. Existing Building Systems, Toilets and Improved Energy Efficiency No scope in this category				\$ -		\$ -
3. Site Utilities & Infrastructure No scope in this category				\$ -		\$ -
4. New Construction (Classrooms) No scope in this category				\$ -		\$ -
5. Elementary STEM & JrHS/HS Science Programs No scope in this category				\$ -		\$ -
6. JrHS/HS Electives Improvements No scope in this category				\$ -		\$ -
7. Music, Drama & Performing Arts Improvements No scope in this category				\$ -		\$ -
8. MPR, Student Union & Food Service Improvements No scope in this category				\$ -		\$ -
9. Physical Education Improvements No scope in this category				\$ -		\$ -
10. Staff and Community Support District facilities: warehouse, M&O and transportation				\$ 133,000		\$ 177,000
Minor modernization	2,700	sf	\$ 35.25	\$ 95,162		enclosure upgrades
Landscaping improvements including drip irrigation	2,500	sf	\$ 15.00	\$ 37,500		
11. Library & Student Support Services No scope in this category				\$ -		\$ -
12. Safety and Security No scope in this category				\$ -		\$ -
13. Bike / Car Parking & Drop-off No scope in this category				\$ -		\$ -

SECTION 6



APPENDIX  
TOTAL PROGRAM DETAILED COST



Construction Cost Summary

	Area	Unit	Unit Cost	Construction Cost Total	Sub- Total	Total Project Cost 25% (x 1.33)
14. Outdoor Learning Courts, Quads & Gardens No scope in this category				\$ -	-	\$ -
15. Exterior Play Spaces, Playfields & Hardcourts No scope in this category				\$ -	-	\$ -
16. Next Generation Learning Furniture No scope in this category				\$ -	-	\$ -
17. Technology Infrastructure & Equipment No scope in this category				\$ -	-	\$ -
<b>TOTAL PROJECT COSTS (2018\$)</b>				\$ 133,000		\$ 177,000

**SECTION 6**



**APPENDIX  
TOTAL PROGRAM DETAILED COST**



School Site	Category 1 - ADA Upgrade Allowance	Category 2 - Reconfigure Restrooms	Category 12 - Repair Concrete Paving	Total Project Cost
DJUSD Children's Center	\$ -	\$ 27,000	\$ -	\$ 27,000
<b>TOTAL PROJECT COST (PRESCHOOLS)</b>				\$ 27,000
Birch Lane Elementary School	\$ 65,000	\$ 27,000	\$ -	\$ 92,000
Cesar Chavez Elementary School	\$ 58,000	\$ 27,000	\$ 67,000	\$ 152,000
Fairfield Elementary School	\$ 12,000	\$ 27,000	\$ -	\$ 39,000
Korematsu Elementary School	\$ -	\$ 27,000	\$ -	\$ 27,000
Marguerite Montgomery Elementary School	\$ -	\$ 97,000	\$ -	\$ 97,000
North Davis Elementary School	\$ 50,000	\$ 27,000	\$ -	\$ 77,000
Patwin Elementary School	\$ 76,000	\$ 27,000	\$ 35,000	\$ 138,000
Pioneer Elementary School	\$ 68,000	\$ 27,000	\$ -	\$ 95,000
Willett Elementary School	\$ 76,000	\$ 467,000	\$ 89,000	\$ 632,000
<b>TOTAL PROJECT COST (ELEMENTARY SCHOOLS)</b>				\$ 1,349,000
Ralph Waldo Emerson Junior High School	\$ 66,000	\$ 27,000	\$ -	\$ 93,000
Frances Harper Junior High School	\$ -	\$ 27,000	\$ -	\$ 27,000
Oliver Wendell Holmes Junior High	\$ -	\$ 133,000	\$ -	\$ 133,000
Martin Luther King (Jr.) High School	\$ -	\$ 27,000	\$ -	\$ 27,000
<b>TOTAL PROJECT COST (MIDDLE SCHOOLS)</b>				\$ 280,000
Davis Senior High School	\$ -	\$ 27,000	\$ 32,000	\$ 59,000
Da Vinci Charter Academy (JrHS & HS)	\$ 43,000	\$ 27,000	\$ 86,000	\$ 156,000
<b>TOTAL PROJECT COST (HIGH SCHOOLS)</b>				\$ 215,000
<b>TOTAL PROJECT COST</b>				\$ 1,871,000

## SECTION 6



# APPENDIX TOTAL PROGRAM COST: ADA UPGRADES





**Davis Joint Unified School District Masterplan**  
Sacramento, CA  
June 20, 2018

**Davis Joint Unified School District Masterplan**  
Sacramento, CA  
June 20, 2018

**INTRODUCTION**

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**1. Basis Of Estimate**

This cost estimate is based upon documents and quantities provided by LPA, Inc.

**2. Excluded Costs**

The following cost items are excluded from this estimate.

- 1) Escalation is not included. Pricing good through the end of 2018.
- 2) Land purchase costs.
- 3) Off-site work, unless noted otherwise.
- 4) Costs of hazardous material surveys, abatement, and disposal, unless noted otherwise.
- 5) FF&E, unless noted otherwise.

**3. Clarifications**

This estimate is based upon the following assumptions.

- 1) A competitive bid environment at subcontractor and GC level.
- 2) The use of prevailing wage labor rates.
- 3) We are assuming a traditional design -bid - build procurement methodology.
- 4) Unit costs are inclusive of General Conditions, General Requirements, Overhead and Profit, Bonds and Insurance and Design Contingency.
- 5) Softs costs are estimated at 33% per LPA, Inc.

Sheet 2 of 79

Prepared For LPA, Inc.

**SECTION 6**



**APPENDIX  
TOTAL PROGRAM COST: GROUP 1 AND 2 SCOPES**

**Davis Joint Unified School District**  
Facilities Master Plan



p. 392

	1963/2001	1953/2000	1958/2003	2005	2001	1957/2004	1992	1966/2003	1966/2000
	Birch Lane ES	Cesar Chavez ES	Fairfield ES	Korematsu ES	Marguerite Montgomery ES	North Davis ES	Patwin ES	Pioneer ES	Willett ES
Program Scope									
1. Modernize / Reconfigure Existing Classrooms	-	-	-	-	-	-	1,309,000	-	-
2. Existing Building Systems, Toilets and Improved Energy Efficiency	48,000	48,000	48,000	48,000	48,000	48,000	1,638,000	48,000	48,000
3. Site Utilities & Infrastructure	-	-	-	-	-	-	-	-	-
4. New Construction (Classrooms)	-	-	-	-	-	4,080,000	-	1,013,000	-
5. Elementary STEM & JrHS/HS Science Programs	-	-	-	-	-	K CR's / Spec Ed	-	-	-
6. JrHS/HS Electives Improvements	-	-	-	-	-	-	-	-	-
7. Music, Drama & Performing Arts Improvements	1,027,000	1,010,000	-	-	-	1,010,000	-	-	1,010,000
8. MPR, Student Union & Food Service Improvements	9,031,000	9,031,000	305,000	-	-	9,122,000	-	-	9,031,000
9. Physical Education Improvements	-	-	-	-	-	-	-	-	-
10. Staff and Community Support	1,301,000	1,307,000	-	163,000	145,000	3,290,000	-	-	3,115,000
11. Library & Student Support Services	-	-	-	-	-	-	-	-	1,820,000
12. Safety and Security	1,155,000	1,010,000	176,000	739,000	672,000	1,013,000	1,537,000	1,199,000	1,606,000
13. Bike / Car Parking & Drop-off	1,393,000	1,345,000	-	92,000	58,000	1,063,000	536,000	270,000	787,000
14. Outdoor Learning Courts, Quads & Gardens	-	-	-	-	-	-	-	392,000	-
15. Exterior Play Spaces, Playfields & Hardcourts	579,000	619,000	-	-	-	147,000	-	-	-
16. Next Generation Learning Furniture	848,000	583,000	67,000	-	-	716,000	663,000	742,000	742,000
17. Technology Infrastructure & Equipment	749,000	699,000	87,000	445,000	445,000	702,000	621,000	853,000	891,000
<b>TOTAL PROJECT COST</b>	<b>\$ 16,131,000</b>	<b>\$ 15,652,000</b>	<b>\$ 683,000</b>	<b>\$ 1,487,000</b>	<b>\$ 1,368,000</b>	<b>\$ 21,191,000</b>	<b>\$ 6,304,000</b>	<b>\$ 4,517,000</b>	<b>\$ 19,050,000</b>
	1	2	3	4	5	6	7	8	9

## SECTION 6



# APPENDIX TOTAL PROGRAM COST: GROUP 1 AND 2 SCOPES



School Site											Total
1978	2004	1964/2004	1950/2001	1958/2000	1980s	New			1978/2004		
Ralph Waldo Emerson Jr HS	Frances Harper Jr HS	Oliver Wendell Holmes Jr HS	Davis Senior HS	Da Vinci Charter Academy (JrHS & HS)	Martin Luther King Jr HS	Davis School for Independent Study (DSIS) and District Office	DJUSD Children's Center	Davis Adult and Community Education	District Office	Maintenance & Operations	
2,190,000	-	-	-	-	-	-	-	-	-	-	3,499,000
768,000	54,000	55,000	62,000	55,000	48,000	-	48,000	-	-	-	9,249,000
6,137,000	< Mod. Scope	-	-	-	-	-	-	-	-	-	-
2,496,000	-	-	-	643,000	-	-	539,000	-	-	-	3,678,000
-	-	-	-	7,596,000	-	-	5,339,000	-	-	-	18,028,000
4,417,000	-	-	17,269,000	2,307,000	-	-	-	-	-	-	23,993,000
1,477,000	-	-	9,131,000	2,625,000	-	-	-	-	-	-	13,233,000
591,000	-	-	877,000	-	-	-	-	-	-	-	5,525,000
-	-	-	-	-	-	-	-	1,051,000	-	-	37,571,000
-	-	-	2,279,000	-	-	-	-	-	-	-	2,279,000
-	-	-	-	-	-	1,995,000	1,320,000	850,000	-	-	13,486,000
-	-	-	-	-	-	-	970,000	-	-	-	2,790,000
991,000	775,000	1,025,000	3,005,000	1,272,000	42,000	-	261,000	-	-	-	17,071,000
593,000	< Mod. Scope	-	-	-	-	-	-	-	-	-	-
110,000	91,000	1,063,000	216,000	687,000	-	-	554,000	-	-	-	8,265,000
-	-	-	-	-	-	-	-	-	-	-	392,000
-	-	-	7,648,000	-	-	-	328,000	-	-	-	9,321,000
663,000	-	928,000	2,120,000	663,000	-	-	-	-	-	-	8,735,000
1,621,000	903,000	963,000	2,212,000	650,000	197,000	-	-	-	-	-	12,038,000
\$ 22,054,000	\$ 1,823,000	\$ 4,034,000	\$ 44,819,000	\$ 16,498,000	\$ 287,000	\$ 1,995,000	\$ 9,359,000	\$ 1,901,000	\$ -	\$ -	\$ 189,153,000

10 11 12 13 14 15 16 17 18 19 20

<span style="border: 1px solid red; display: inline-block; width: 100px; height: 15px;"></span> Associated ES MPR Scopes of Work	<span style="background-color: yellow; display: inline-block; width: 100px; height: 15px;"></span> Group 1 Scope Total Project Cost (2018\$):	134,262,000
	<span style="background-color: orange; display: inline-block; width: 100px; height: 15px;"></span> Group 2 Scope Total Project Cost (2018\$):	54,891,000
	<b>Grand Total:</b>	<b>189,153,000</b>

## SECTION 6



# APPENDIX TOTAL PROGRAM COST: GROUP 1 AND 2 SCOPES





Construction Cost Summary

	Area	Unit	Unit Cost	Construction Cost Total	Sub-	Total Project Cost 25% (x 1.33)
<b>1. Modernize / Reconfigure Existing Classrooms</b>				\$ -		\$ -
Existing classrooms (MEP scope covered in Section C)						
Structural upgrades						
Roof / wall connections	16,140	sf	\$ 15.90			
Walls						
Repair existing walls	16,140	sf	\$ 5.30			
Windows						
Replace existing windows	16,140	sf	\$ 23.85			
Doors						
Repair existing doors	16,140	sf	\$ 5.30			
Floors						
Replace existing floors	16,140	sf	\$ 17.49			
Ceilings						
Repair existing ceilings	16,140	sf	\$ 13.25			
Exteriors						
Patch, repair and paint	16,140	sf	\$ 5.30			Paint trim and seal concrete
Refurbish covered walkways	2,100	sf	\$ 35.00			
ADA upgrades, allowance	16,140	sf	\$ 3.00			
<b>2. Existing Building Systems, Toilets and Improved Energy Efficiency</b>				\$ 36,000		\$ 48,000
Restroom upgrades						
Reconfigure	75	sf	\$ 265.00	\$ 19,875	gender neutral restroom	
Building systems						
EMS systems upgrades	18,390	sf	\$ 7.95			
Lighting and controls upgrades	18,390	sf	\$ 10.60			mod. at 50%
Convenience power upgrades	18,390	sf	\$ 6.89			
Replace drinking fountains with ADA fountains including bottle fill	3	ea	\$ 5,088.00	\$ 15,264		
<b>3. Site Utilities &amp; Infrastructure</b>				\$ -		\$ -
Based on entire campus area, upgrade existing utilities;						
Electrical capacity upgrades	1	ls	\$ 291,500.00			to accom. new construction
<b>4. New Construction (Classrooms)</b>				\$ -		\$ -
Pre-school and kindergarten						
Remove portable classrooms	2	ea	\$ 12,720.00			
Classrooms, one story building	3,630	sf	\$ 467.46			
Site improvements surrounding building pad	3,630	sf	\$ 44.52			
Student collaboration lab						
Classrooms, two story building	2,554	sf	\$ 514.10			
Site improvements surrounding building pad	1,277	sf	\$ 44.52			
Elementary school						
Remove portable classrooms	10	ea	\$ 12,720.00			
Classrooms, two story building	12,768	sf	\$ 526.82			
Site improvements surrounding building pad	6,384	sf	\$ 44.52			

Construction Cost Summary

	Area	Unit	Unit Cost	Construction Cost Total	Sub-	Total Project Cost 25% (x 1.33)
<b>5. Elementary STEM &amp; JrHS/HS Science Programs</b>				\$ -		\$ -
Elementary science and STEM labs						
Lab classrooms, one story building	2,640	sf	\$ 545.90			
Site improvements surrounding building pad	2,640	sf	\$ 44.52			
<b>6. JrHS/HS Electives Improvements</b>				\$ -		\$ -
No scope in this category						
<b>7. Music, Drama &amp; Performing Arts Improvements</b>				\$ 772,000		\$ 1,027,000
Remove portable classrooms						
	1	sf	\$ 12,720.00	\$ 12,720		
Music lab classroom						
Lab classrooms, one story building	1,320	sf	\$ 530.00	\$ 699,600		
Site improvements surrounding building pad	1,320	sf	\$ 44.52	\$ 58,766		
<b>8. MPR, Student Union &amp; Food Service Improvements</b>				\$ 6,790,000		\$ 9,031,000
Multi-purpose rooms						
MPR, one story building	8,388	sf	\$ 583.00	\$ 4,889,913		
Site improvements surrounding building pad	8,388	sf	\$ 44.52	\$ 373,412		
Food service						
Food service, one story building	1,650	sf	\$ 694.30	\$ 1,145,595		
Site improvements surrounding building pad	1,650	sf	\$ 44.52	\$ 73,458		
New trash enclosure	1	ea	\$ 53,000.00	\$ 53,000		
New lunch shelter	2,400	sf	\$ 106.00	\$ 254,400		
<b>9. Physical Education Improvements</b>				\$ -		\$ -
No scope in this category						
<b>10. Staff and Community Support</b>				\$ 978,000		\$ 1,301,000
Demolish existing buildings						
	1,200	sf	\$ 26.50	\$ 31,800		
Administration						
Reconfigure	2,250	sf	\$ 270.30	\$ 608,175		
Staff work rooms						
Reconfigure	1,250	sf	\$ 270.30	\$ 337,875		
<b>11. Library &amp; Student Support Services</b>				\$ -		\$ -
Elementary school library and innovation lab						
Reconfigure	3,840	sf	\$ 286.20			
Learning center						
Reconfigure	1,920	sf	\$ 279.84			

SECTION 6



APPENDIX  
TOTAL PROGRAM COST: GROUP 1 AND 2 SCOPES



Construction Cost Summary

	Area	Unit	Unit Cost	Construction Cost Total	Sub-Total	Total Project Cost 25% (x 1.33)
<b>12. Safety and Security</b>				\$ 868,000		\$ 1,155,000
Decorative metal fencing and gates	1,140	lf	\$ 296.80	\$ 338,352		
Rolling decorative metal gate	3	ea	\$ 47,700.00	\$ 143,100		
New exterior lighting for student safety	1	ls	\$ 80,000.00	\$ 80,000		
New safety locks to existing classroom doors	37	ea	\$ 1,351.50	\$ 50,006		
New emergency signs and posts	1	ls	\$ 38,160.00	\$ 38,160		
New marquee sign	1	ea	\$ 21,200.00	\$ 21,200		
Low voltage upgrades						
Fire alarm system	18,390	sf	\$ 6.36			
New fire alarm head end equipment, allowance	1	ls	\$ 26,500.00			
Emergency lighting	18,390	sf	\$ 1.70	\$ 31,189		
PA / emergency communication systems	18,390	sf	\$ 9.01	\$ 165,694		
Intrusion alarms	18,390	sf	\$ 2.12		Excluded	
Other security systems	18,390	sf	\$ 2.54		Excluded	cameras
<b>13. Bike / Car Parking &amp; Drop-off</b>				\$ 1,047,000		\$ 1,393,000
New parking lot	16,200	sf	\$ 19.08	\$ 309,096		
New drop-off area	14,250	sf	\$ 21.20	\$ 302,100		
Slurry access road	7,500	sf	\$ 12.47	\$ 93,532		
New concrete pedestrian paving	4,500	sf	\$ 19.08	\$ 85,860		
Entry plaza upgrades	3,000	sf	\$ 30.74	\$ 92,220		
Bike parking incl. fencing and gates, AC paving and bike racks	7,850	sf	\$ 20.87	\$ 163,830		
<b>14. Outdoor Learning Courts, Quads &amp; Gardens</b>				\$ -		\$ -
New student quad	13,050	sf	\$ 19.29			
New learning courts	9,471	sf	\$ 20.67			
<b>15. Exterior Play Spaces, Playfields &amp; Hardcourts</b>				\$ 435,000		\$ 579,000
Pre-school and kindergarten play yard						
New rubber surfacing	1,500	sf	\$ 23.32			
Shade structure	1,200	sf	\$ 53.00			
Minor repairs to hardcourts	4,800	sf	\$ 4.24			
Elementary play yard and hardcourts						
New rubber surfacing	9,000	sf	\$ 23.32			
Slurry and stripe existing hardcourts	55,450	sf	\$ 4.24	\$ 235,108		
New hardcourts	15,675	sf	\$ 12.72	\$ 199,386		
New basketball courts and hoops	6	ea	\$ 5,830.00			
New ball walls	1	ea	\$ 10,600.00			
Repair playfields	136,600	sf	\$ 0.80		minor repairs	
Baseball and softball fields						
New backstop	2	ea	\$ 29,150.00			
New bike path	4,500	sf	\$ 21.06			

Construction Cost Summary

	Area	Unit	Unit Cost	Construction Cost Total	Sub-Total	Total Project Cost 25% (x 1.33)
<b>16. Next Generation Learning Furniture</b>				\$ 848,000		\$ 848,000
Flexible furniture per classroom (direct cost)	32	ea	\$ 26,500.00	\$ 848,000		
<b>17. Technology Infrastructure &amp; Equipment</b>				\$ 749,000		\$ 749,000
Classroom tech package - smart boards, projector, project mounts, flat screen monitor, audio system, etc. (direct cost)	32	ea	\$ 12,720.00	\$ 407,040		
Upgrade backbone, wireless access points, and switches (direct cost)	18,390	sf	\$ 9.28	\$ 170,567		
Upgrade fiber to support (direct cost)	18,390	sf	\$ 9.28	\$ 170,567		
<b>TOTAL PROJECT COSTS (2018\$)</b>				\$ 12,523,000		\$ 16,131,000

SECTION 6



APPENDIX  
TOTAL PROGRAM COST: GROUP 1 AND 2 SCOPES



Construction Cost Summary

	Area	Unit	Unit Cost	Construction Cost		Total Project Cost 25% (x 1.33)
				Total	Sub	
<b>1. Modernize / Reconfigure Existing Classrooms</b>				\$ -		\$ -
Existing classrooms (MEP scope covered in Section C)						
Walls						
Repair existing walls	14,400	sf	\$ 5.30			
Windows						
Replace existing windows	14,400	sf	\$ 53.66			includes clerestory
Doors						
Repair existing doors	14,400	sf	\$ 5.30			
Floors						
Replace existing floors	14,400	sf	\$ 17.49			
Ceilings						
Repair existing ceilings	14,400	sf	\$ 13.25			
Exteriors						
Patch, repair and paint	14,400	sf	\$ 5.30			
Refurbish covered walkways	1,800	sf	\$ 35.00			
ADA upgrades, allowance	14,400	sf	\$ 3.00			
<b>2. Existing Building Systems, Toilets and Improved Energy Efficiency</b>				\$ 36,000		\$ 48,000
Restroom upgrades						
Reconfigure	75	sf	\$ 265.00	\$ 19,875		gender neutral restroom
Building systems						
EMS systems upgrades	22,595	sf	\$ 7.95			
Convenience power upgrades	22,595	sf	\$ 6.89			
Replace drinking fountains with ADA fountains including bottle fill	3	ea	\$ 5,088.00	\$ 15,264		
<b>3. Site Utilities &amp; Infrastructure</b>				\$ -		\$ -
Based on entire campus area, upgrade existing utilities;						
Natural gas service	435,600	sf	\$ 0.21			mod. at 50%
Sanitary sewer service	435,600	sf	\$ 0.42			mod. at 50%
Storm drain service	435,600	sf	\$ 0.05			mod. at 50%
Electrical capacity upgrades	1	ls	\$ 291,500.00			
<b>4. New Construction (Classrooms)</b>				\$ -		\$ -
Pre-school and kindergarten						
Classrooms, one story building	4,455	sf	\$ 467.46			
Site improvements surrounding building pad	4,455	sf	\$ 44.52			
Elementary school						
Remove portable classrooms	4	ea	\$ 12,720.00			
Classrooms, one story building	4,224	sf	\$ 478.06			
Site improvements surrounding building pad	4,224	sf	\$ 44.52			

Construction Cost Summary

	Area	Unit	Unit Cost	Construction Cost		Total Project Cost 25% (x 1.33)
				Total	Sub	
<b>5. Elementary STEM &amp; JrHS/HS Science Programs</b>				\$ -		\$ -
Remove portable classrooms	2	ea	\$ 12,720.00			
Elementary science and STEM labs						
Reconfigure	1,920	sf	\$ 318.00			
<b>6. JrHS/HS Electives Improvements</b>				\$ -		\$ -
No scope in this category						
<b>7. Music, Drama &amp; Performing Arts Improvements</b>				\$ 759,000		\$ 1,010,000
Music lab classroom						
Lab classrooms, one story building	1,320	sf	\$ 530.00	\$ 699,600		
Site improvements surrounding building pad	1,320	sf	\$ 44.52	\$ 58,766		
<b>8. MPR, Student Union &amp; Food Service Improvements</b>				\$ 6,790,000		\$ 9,031,000
Multi-purpose rooms						
MPR, one story building	8,388	sf	\$ 583.00	\$ 4,889,913		
Site improvements surrounding building pad	8,388	sf	\$ 44.52	\$ 373,412		
Food service						
Food service, one story building	1,650	sf	\$ 694.30	\$ 1,145,595		
Site improvements surrounding building pad	1,650	sf	\$ 44.52	\$ 73,458		
New trash enclosure	1	ea	\$ 53,000.00	\$ 53,000		
New lunch shelter	2,400	sf	\$ 106.00	\$ 254,400		
<b>9. Physical Education Improvements</b>				\$ -		\$ -
No scope in this category						
<b>10. Staff and Community Support</b>				\$ 982,000		\$ 1,307,000
Demolish existing buildings	1,000	sf	\$ 26.50	\$ 26,500		
Administration						
Moderate modernization	300	sf	\$ 143.10	\$ 42,930		
Reconfigure	1,950	sf	\$ 270.30	\$ 527,085		
Staff work rooms						
Reconfigure	1,425	sf	\$ 270.30	\$ 385,178		
<b>11. Library &amp; Student Support Services</b>				\$ -		\$ -
Elementary school library and innovation lab						
Reconfigure	2,600	sf	\$ 286.20			
Add for louvered skylight to match improvements at Da Vinci H	1	ls	\$ 125,000.00			Match improvements
Learning center						
Classrooms, one story building	2,112	sf	\$ 466.40			
Site improvements surrounding building pad	2,112	sf	\$ 44.52			

SECTION 6



APPENDIX  
TOTAL PROGRAM COST: GROUP 1 AND 2 SCOPES



Construction Cost Summary

	Area	Unit	Unit Cost	Construction Cost		Total Project Cost 25% (x 1.33)
				Cost	Sub Total	
<b>12. Safety and Security</b>				\$	<b>759,000</b>	\$ <b>1,010,000</b>
Repair concrete pedestrian paving	4,290	sf	\$ 11.66	\$	50,021	
New covered walkways	400	sf	\$ 106.00			
Decorative metal fencing and gates	825	lf	\$ 296.80	\$	244,860	
Rolling decorative metal gate	1	ea	\$ 47,700.00	\$	47,700	
New exterior lighting for student safety	1	ls	\$ 80,000.00	\$	80,000	
New safety locks to existing classroom doors	26	ea	\$ 1,351.50	\$	35,139	
New emergency signs and posts	1	ls	\$ 38,160.00	\$	38,160	
New marquee sign	1	ea	\$ 21,200.00	\$	21,200	
Low voltage upgrades						
Fire alarm system	22,595	sf	\$ 6.36			
New fire alarm head end equipment, allowance	1	ls	\$ 26,500.00			
Emergency lighting	22,595	sf	\$ 1.70	\$	38,321	
PA / emergency communication systems	22,595	sf	\$ 9.01	\$	203,581	
Intrusion alarms	22,595	sf	\$ 2.12	Excluded		
Other security systems	22,595	sf	\$ 2.54	Excluded		cameras
<b>13. Bike / Car Parking &amp; Drop-off</b>				\$	<b>1,011,000</b>	\$ <b>1,345,000</b>
New parking lot	23,300	sf	\$ 19.08	\$	444,564	
New drop-off area	9,250	sf	\$ 21.20	\$	196,100	
New access road	3,500	sf	\$ 19.19	\$	67,151	
New concrete pedestrian paving	2,500	sf	\$ 19.08	\$	47,700	
Entry plaza upgrades	3,600	sf	\$ 30.74	\$	110,664	
Bike parking incl. fencing and gates, AC paving and bike racks	6,900	sf	\$ 20.87	\$	144,003	
<b>14. Outdoor Learning Courts, Quads &amp; Gardens</b>				\$	-	\$ -
New learning courts	22,400	sf	\$ 23.43			
New student garden	5,000	sf	\$ 21.20			

Construction Cost Summary

	Area	Unit	Unit Cost	Construction Cost		Total Project Cost 25% (x 1.33)
				Cost	Sub Total	
<b>15. Exterior Play Spaces, Playfields &amp; Hardcourts</b>				\$	<b>465,000</b>	\$ <b>619,000</b>
Pre-school and kindergarten play yard						
New rubber surfacing	1,200	sf	\$ 23.32			
Shade structure	1,200	sf	\$ 53.00			
Elementary play yard and hardcourts						
New rubber surfacing	4,200	sf	\$ 23.32			
New hardcourts	32,000	sf	\$ 12.72	\$	407,040	
New basketball courts and hoops	8	ea	\$ 5,830.00	\$	46,640	
New ball walls	1	ea	\$ 10,600.00	\$	10,600	
Repair playfields	104,000	sf	\$ 1.11			minor repairs and irrigation pump
Baseball and softball fields						
New backstop	1	ea	\$ 29,150.00			
New bike path	6,600	sf	\$ 21.06			
<b>16. Next Generation Learning Furniture</b>				\$	<b>583,000</b>	\$ <b>583,000</b>
Flexible furniture per classroom (direct cost)	22	ea	\$ 26,500.00	\$	583,000	
<b>17. Technology Infrastructure &amp; Equipment</b>				\$	<b>699,000</b>	\$ <b>699,000</b>
Classroom tech package - smart boards, projector, project mounts, flat screen monitor, audio system, etc. (direct cost)	22	ea	\$ 12,720.00	\$	279,840	
Upgrade backbone, wireless access points, and switches (direct cost)	22,595	sf	\$ 9.28	\$	209,569	
Upgrade fiber to support (direct cost)	22,595	sf	\$ 9.28	\$	209,569	
<b>TOTAL PROJECT COSTS (2018\$)</b>				\$	<b>12,083,000</b>	\$ <b>15,652,000</b>

SECTION 6



APPENDIX  
TOTAL PROGRAM COST: GROUP 1 AND 2 SCOPES



Construction Cost Summary

	Area	Unit	Unit Cost	Construction Cost Total	Sub-Total	Total Project Cost 25% (x 1.33)
<b>1. Modernize / Reconfigure Existing Classrooms</b>				\$ -		\$ -
Existing classrooms (MEP scope covered in Section C)						
Walls						
Repair existing walls	2,520	sf	\$ 5.30			
Windows						
Replace existing windows	2,520	sf	\$ 23.85			
Doors						
Repair existing doors	2,520	sf	\$ 5.30			
Floors						
Replace existing floors	2,520	sf	\$ 17.49			
Ceilings						
Replace existing ceilings	2,520	sf	\$ 26.50			
Exteriors						
Patch, repair and paint	2,520	sf	\$ 5.30			
Roofing						
Replace roofing	2,970	sf	\$ 26.50			
ADA upgrades, allowance	2,970	sf	\$ 3.00			
<b>2. Existing Building Systems, Toilets and Improved Energy Efficiency</b>				\$ 36,000	\$ 48,000	\$ 48,000
Restroom upgrades						
Reconfigure	75	sf	\$ 265.00	\$ 19,875	gender neutral restroom	
Building systems						
HVAC upgrades	2,970	sf	\$ 33.92			
EMS systems upgrades	2,970	sf	\$ 7.95			
Lighting and controls upgrades	2,970	sf	\$ 21.20			
Convenience power upgrades	2,970	sf	\$ 6.89			
Replace drinking fountains with ADA fountains including bottle filler	3	ea	\$ 5,088.00	\$ 15,264		
<b>3. Site Utilities &amp; Infrastructure</b>				\$ -		\$ -
No scope in this category						
<b>4. New Construction (Classrooms)</b>				\$ -		\$ -
Student collaboration lab						
Classrooms, one story building	165	sf	\$ 466.40		enclose porch	
Site improvements surrounding building pad	165	sf	\$ 44.52			
<b>5. Elementary STEM &amp; JrHS/HS Science Programs</b>				\$ -		\$ -
No scope in this category						

Construction Cost Summary

	Area	Unit	Unit Cost	Construction Cost Total	Sub-Total	Total Project Cost 25% (x 1.33)
<b>6. JrHS/HS Electives Improvements</b>				\$ -		\$ -
No scope in this category						
<b>7. Music, Drama &amp; Performing Arts Improvements</b>				\$ -		\$ -
No scope in this category						
<b>8. MPR, Student Union &amp; Food Service Improvements</b>				\$ 229,000	\$ 305,000	\$ 305,000
Food service						
Reconfigure	225	sf	\$ 418.70	\$ 94,208		
New kitchen equipment, allowance	225	sf	\$ 79.50	\$ 17,888		
New trash enclosure	1	ea	\$ 53,000.00	\$ 53,000		
New lunch shelter	600	sf	\$ 106.00	\$ 63,600		
<b>9. Physical Education Improvements</b>				\$ -		\$ -
Relocate PE storage shed	1	ea	\$ 4,452.00			
<b>10. Staff and Community Support</b>				\$ -		\$ -
No scope in this category						
<b>11. Library &amp; Student Support Services</b>				\$ -		\$ -
Elementary school library and innovation lab						
Moderate modernization	225	sf	\$ 159.00			
<b>12. Safety and Security</b>				\$ 132,000	\$ 176,000	\$ 176,000
New covered walkways						
Rolling decorative metal gate	350	sf	\$ 106.00			
New exterior lighting for student safety	1	ea	\$ 47,700.00	\$ 47,700		
New safety locks to existing classroom doors	1	ls	\$ 15,000.00	\$ 15,000		
New emergency signs and posts	6	ea	\$ 1,351.50	\$ 8,109		
New marquee sign	1	ls	\$ 7,632.00	\$ 7,632		
Low voltage upgrades	1	ea	\$ 21,200.00	\$ 21,200		
Fire alarm system						
New fire alarm head end equipment, allowance	2,970	sf	\$ 6.36			
Emergency lighting	1	ls	\$ 26,500.00			
PA / emergency communication systems	2,970	sf	\$ 1.70	\$ 5,037		
Intrusion alarms	2,970	sf	\$ 9.01	\$ 26,760		
Other security systems	2,970	sf	\$ 2.12	\$ 6,296	Excluded	
			\$ 2.54	\$ 7,535	Excluded	cameras
<b>13. Bike / Car Parking &amp; Drop-off</b>				\$ -		\$ -
No scope in this category						

SECTION 6



APPENDIX  
TOTAL PROGRAM COST: GROUP 1 AND 2 SCOPES



Construction Cost Summary

	Area	Unit	Unit Cost	Construction Cost Total	Sub-Total	Total Project Cost 25% (x 1.33)
<b>14. Outdoor Learning Courts, Quads &amp; Gardens</b>				\$ -		\$ -
No scope in this category						
<b>15. Exterior Play Spaces, Playfields &amp; Hardcourts</b>				\$ -		\$ -
Elementary play yard and hardcourts						
New rubber surfacing	2,200	sf	\$ 23.32			
Repair playfields	26,000	sf	\$ 0.80		repair irrigation	
New fitness course	1	ea	\$ 79,500.00			
<b>16. Next Generation Learning Furniture</b>				\$ 67,000		\$ 67,000
Flexible furniture per classroom (direct cost)	2.5	ea	\$ 26,500.00	\$ 66,250		
<b>17. Technology Infrastructure &amp; Equipment</b>				\$ 87,000		\$ 87,000
Classroom tech package - smart boards, projector, project mounts, flat screen monitor, audio system, etc. (direct cost)						
Upgrade backbone, wireless access points, and switches (direct cost)	2,970	sf	\$ 9.28	\$ 27,547		
Upgrade fiber to support (direct cost)	2,970	sf	\$ 9.28	\$ 27,547		
<b>TOTAL PROJECT COSTS (2018\$)</b>				\$ 550,000		\$ 683,000

Construction Cost Summary

	Area	Unit	Unit Cost	Construction Cost Total	Sub-Total	Total Project Cost 25% (x 1.33)
<b>1. Modernize / Reconfigure Existing Classrooms</b>				\$ -		\$ -
No scope in this category						
<b>2. Existing Building Systems, Toilets and Improved Energy Efficiency</b>				\$ 36,000		\$ 48,000
Restroom upgrades						
Reconfigure	75	sf	\$ 265.00	\$ 19,875	gender neutral restroom	
Replace drinking fountains with ADA fountains including bottle filler	3	ea	\$ 5,088.00	\$ 15,264		
<b>3. Site Utilities &amp; Infrastructure</b>				\$ -		\$ -
No scope in this category						
<b>4. New Construction (Classrooms)</b>				\$ -		\$ -
Pre-school and kindergarten						
Relocate portable classrooms	2	ea	\$ 29,680.00			
Classrooms, one story building	2,970	sf	\$ 467.46			
Site improvements surrounding building pad	2,970	sf	\$ 44.52			
Student collaboration lab						
Classrooms, one story building	1,056	sf	\$ 466.40			
Site improvements surrounding building pad	1,056	sf	\$ 44.52			
Elementary school						
Classrooms, one story building	2,112	sf	\$ 478.06			
Site improvements surrounding building pad	2,112	sf	\$ 44.52			
<b>5. Elementary STEM &amp; JrHS/HS Science Programs</b>				\$ -		\$ -
Elementary science and STEM labs						
Lab classrooms, one story building	3,696	sf	\$ 545.90			
Site improvements surrounding building pad	3,696	sf	\$ 44.52			
<b>6. JrHS/HS Electives Improvements</b>				\$ -		\$ -
No scope in this category						
<b>7. Music, Drama &amp; Performing Arts Improvements</b>				\$ -		\$ -
No scope in this category						
<b>8. MPR, Student Union &amp; Food Service Improvements</b>				\$ -		\$ -
No scope in this category						
<b>9. Physical Education Improvements</b>				\$ -		\$ -
No scope in this category						

SECTION 6



APPENDIX  
TOTAL PROGRAM COST: GROUP 1 AND 2 SCOPES



Construction Cost Summary

	Area	Unit	Unit Cost	Construction Cost Total	Sub-Total	Total Project Cost 25% (x 1.33)
<b>10. Staff and Community Support</b>				\$ 122,000		\$ 163,000
Administration Reconfigure	450	sf	\$ 270.30	\$ 121,635		
<b>11. Library &amp; Student Support Services</b>				\$ -		\$ -
Elementary school library and innovation lab Reconfigure	1,225	sf	\$ 143.10			mod. at 50%
Learning center Reconfigure	960	sf	\$ 279.84			
<b>12. Safety and Security</b>				\$ 555,000		\$ 739,000
Decorative metal fencing and gates	780	lf	\$ 296.80	\$ 231,504		
Rolling decorative metal gate	3	ea	\$ 47,700.00	\$ 143,100		
New exterior lighting for student safety	1	ls	\$ 80,000.00	\$ 80,000		
New safety locks to existing classroom doors	30	ea	\$ 1,351.50	\$ 40,545		
New emergency signs and posts	1	ls	\$ 38,160.00	\$ 38,160		
New marquee sign	1	ea	\$ 21,200.00	\$ 21,200		
Low voltage upgrades						
Intrusion alarms	30,125	sf	\$ 2.12		Excluded	
Other security systems	30,125	sf	\$ 2.54		Excluded	cameras
<b>13. Bike / Car Parking &amp; Drop-off</b>				\$ 69,000		\$ 92,000
Bike parking incl. fencing and gates, AC paving and bike rack	3,300	sf	\$ 20.87	\$ 68,871		
<b>14. Outdoor Learning Courts, Quads &amp; Gardens</b>				\$ -		\$ -
New student quad	8,400	sf	\$ 27.56			
New learning courts	5,750	sf	\$ 27.56			
New student amphitheater	4,800	sf	\$ 47.70			
Shade structure	2,400	sf	\$ 53.50			
<b>15. Exterior Play Spaces, Playfields &amp; Hardcourts</b>				\$ -		\$ -
Pre-school and kindergarten play yard						
New rubber surfacing	2,000	sf	\$ 23.32			
Shade structure	1,200	sf	\$ 53.00			
New hardcourts	4,000	sf	\$ 12.72			
Elementary play yard and hardcourts						
New rubber surfacing	8,400	sf	\$ 23.32			
Resurface and repair hardcourts	64,600	sf	\$ 6.36			repair not recommended, replacement is ideal

Construction Cost Summary

	Area	Unit	Unit Cost	Construction Cost Total	Sub-Total	Total Project Cost 25% (x 1.33)
<b>16. Next Generation Learning Furniture</b>				\$ -		\$ -
Flexible furniture per classroom (direct cost)	24	ea	\$ 26,500.00			
<b>17. Technology Infrastructure &amp; Equipment</b>				\$ 445,000		\$ 445,000
Classroom tech package - smart boards, projector, project mounts, flat screen monitor, audio system, etc. (direct cost)	26	ea	\$ 12,720.00	\$ 165,360		at 50%
Upgrade backbone, wireless access points, and switches (direct cost)	30,125	sf	\$ 4.64	\$ 139,705		all CR's at 50%
Upgrade fiber to support (direct cost)	30,125	sf	\$ 4.64	\$ 139,705		all CR's at 50%
<b>TOTAL PROJECT COSTS (2018\$)</b>				\$ 1,226,000		\$ 1,439,000

SECTION 6



APPENDIX  
TOTAL PROGRAM COST: GROUP 1 AND 2 SCOPES



Construction Cost Summary

	Area	Unit	Unit Cost	Construction Cost	Sub Total	Total Project Cost 25% (x 1.33)
<b>1. Modernize / Reconfigure Existing Classrooms</b>				\$ -		\$ -
No scope in this category						
<b>2. Existing Building Systems, Toilets and Improved Energy Efficiency</b>				\$ 36,000		\$ 48,000
Restroom upgrades						
Reconfigure	75	sf	\$ 265.00	\$ 19,875	includes gender neutral restroom	
Restroom, one story building	1,056	sf	\$ 662.50			
Site improvements surrounding building pad	1,056	sf	\$ 44.52			
Replace drinking fountains with ADA fountains including bottle filler	3	ea	\$ 5,088.00	\$ 15,264		
<b>3. Site Utilities &amp; Infrastructure</b>				\$ -		\$ -
No scope in this category						
<b>4. New Construction (Classrooms)</b>				\$ -		\$ -
Pre-school and kindergarten						
Classrooms, one story building	2,970	sf	\$ 467.46			
Site improvements surrounding building pad	2,970	sf	\$ 44.52			
Student collaboration lab						
Classrooms, one story building	1,056	sf	\$ 466.40			
Site improvements surrounding building pad	1,056	sf	\$ 44.52			
<b>5. Elementary STEM &amp; JrHS/HS Science Programs</b>				\$ -		\$ -
Elementary science and STEM labs						
Lab classrooms, one story building	3,300	sf	\$ 545.90			
Site improvements surrounding building pad	3,300	sf	\$ 44.52			
<b>6. JrHS/HS Electives Improvements</b>				\$ -		\$ -
No scope in this category						
<b>7. Music, Drama &amp; Performing Arts Improvements</b>				\$ -		\$ -
No scope in this category						
<b>8. MPR, Student Union &amp; Food Service Improvements</b>				\$ -		\$ -
No scope in this category						
<b>9. Physical Education Improvements</b>				\$ -		\$ -
No scope in this category						

Construction Cost Summary

	Area	Unit	Unit Cost	Construction Cost	Sub Total	Total Project Cost 25% (x 1.33)
<b>10. Staff and Community Support</b>				\$ 109,000		\$ 145,000
Administration						
Reconfigure	400	sf	\$ 270.30	\$ 108,120		
Staff work rooms						
Reconfigure	1,025	sf	\$ 135.15			mod. at 50%
Parent resource center						
Reconfigure	200	sf	\$ 270.30			
<b>11. Library &amp; Student Support Services</b>				\$ -		\$ -
Learning center						
Classrooms, one story building	1,056	sf	\$ 466.40			
Site improvements surrounding building pad	1,056	sf	\$ 44.52			
<b>12. Safety and Security</b>				\$ 505,000		\$ 672,000
Decorative metal fencing and gates						
Decorative metal fencing and gates	610	lf	\$ 296.80	\$ 181,048		
Rolling decorative metal gate						
Rolling decorative metal gate	3	ea	\$ 47,700.00	\$ 143,100		
New exterior lighting for student safety						
New exterior lighting for student safety	1	ls	\$ 80,000.00	\$ 80,000		
New safety locks to existing classroom doors						
New safety locks to existing classroom doors	30	ea	\$ 1,351.50	\$ 40,545		
New emergency signs and posts						
New emergency signs and posts	1	ls	\$ 38,160.00	\$ 38,160		
New marquee sign						
New marquee sign	1	ea	\$ 21,200.00	\$ 21,200		
Low voltage upgrades						
Intrusion alarms	28,710	sf	\$ 2.12		Excluded	
Other security systems	28,710	sf	\$ 2.54		Excluded	cameras
<b>13. Bike / Car Parking &amp; Drop-off</b>				\$ 43,000		\$ 58,000
Bike parking incl. fencing and gates, AC paving and bike rack						
Bike parking incl. fencing and gates, AC paving and bike rack	2,025	sf	\$ 20.87	\$ 42,262		
<b>14. Outdoor Learning Courts, Quads &amp; Gardens</b>				\$ -		\$ -
New student quad						
New student quad	8,425	sf	\$ 27.56			
New learning courts						
New learning courts	8,300	sf	\$ 27.56			
New student amphitheater						
New student amphitheater	4,800	sf	\$ 47.70			
Shade structure						
Shade structure	2,400	sf	\$ 53.50			

SECTION 6



APPENDIX  
TOTAL PROGRAM COST: GROUP 1 AND 2 SCOPES





Construction Cost Summary

	Area	Unit	Unit Cost	Construction Cost Total	Sub	Total Project Cost 25% (x 1.33)
<b>15. Exterior Play Spaces, Playfields &amp; Hardcourts</b>				\$ -		\$ -
Pre-school and kindergarten play yard						
New rubber surfacing	3,000	sf	\$ 23.32			
Play apparatus	1	ea	\$ 81,620.00			
Shade structure	1,200	sf	\$ 53.00			
Slurry and stripe existing hardcourts	4,500	sf	\$ 4.24			
Elementary play yard and hardcourts						
New rubber surfacing	5,400	sf	\$ 23.32			
Resurface and repair hardcourts	35,300	sf	\$ 6.36			repair not recommended, replacement is ideal
<b>16. Next Generation Learning Furniture</b>				\$ -		\$ -
Flexible furniture per classroom (direct cost)	28	ea	\$ 26,500.00			
<b>17. Technology Infrastructure &amp; Equipment</b>				\$ 445,000		\$ 445,000
Classroom tech package - smart boards, projector, project mounts, flat screen monitor, audio system, etc. (direct cost)	28	ea	\$ 12,720.00	\$ 178,080		at 50%
Upgrade backbone, wireless access points, and switches (direct cost)	28,710	sf	\$ 4.64	\$ 133,143		all CR's at 50%
Upgrade fiber to support (direct cost)	28,710	sf	\$ 4.64	\$ 133,143		all CR's at 50%
<b>TOTAL PROJECT COSTS (2018\$)</b>				\$ 1,136,000		\$ 1,368,000

Construction Cost Summary

	Area	Unit	Unit Cost	Construction Cost Total	Sub	Total Project Cost 25% (x 1.33)
<b>1. Modernize / Reconfigure Existing Classrooms</b>				\$ -		\$ -
Existing classrooms (MEP scope covered in Section C)						
Structural upgrades						
Slab settlement issue	7,680	sf	\$ 20.00			1957 CR bldg
Roof / wall connections	12,480	sf	\$ 15.90			
Walls						
Replace existing walls	2,880	sf	\$ 21.20			
Repair existing walls	9,600	sf	\$ 5.30			
Windows						
Replace existing windows	12,480	sf	\$ 23.85			
Doors						
Replace existing doors	2,880	sf	\$ 15.90			
Repair existing doors	9,600	sf	\$ 5.30			
Floors						
Replace existing floors	12,480	sf	\$ 17.49			
Ceilings						
Replace existing ceilings	12,480	sf	\$ 26.50			
Exteriors						
Patch, repair and paint	12,480	sf	\$ 5.30			Paint trim and seal concrete
ADA upgrades, allowance	12,480	sf	\$ 3.00			
<b>2. Existing Building Systems, Toilets and Improved Energy Efficiency</b>				\$ 36,000		\$ 48,000
Restroom upgrades						
Minor modernization	1,050	sf	\$ 66.25			
Reconfigure	75	sf	\$ 265.00	\$ 19,875		gender neutral restroom
Building systems						
EMS systems upgrades	19,290	sf	\$ 7.95			
Lighting and controls upgrades	19,290	sf	\$ 10.60			mod. at 50%
Convenience power upgrades	19,290	sf	\$ 6.89			
Replace drinking fountains with ADA fountains including bottle fill	3	ea	\$ 5,088.00	\$ 15,264		
<b>3. Site Utilities &amp; Infrastructure</b>				\$ -		\$ -
Based on entire campus area, upgrade existing utilities;						
Natural gas service	657,000	sf	\$ 0.11			mod. at 25%
Sanitary sewer service	657,000	sf	\$ 0.21			mod. at 25%
Domestic and fire water service	657,000	sf	\$ 0.27			mod. at 25%
Electrical mains and distribution	657,000	sf	\$ 0.53			mod. at 25%
Storm drain service	657,000	sf	\$ 0.27			mod. at 25%
Electrical capacity upgrades	1	ls	\$ 291,500.00			

SECTION 6



APPENDIX  
TOTAL PROGRAM COST: GROUP 1 AND 2 SCOPES



Construction Cost Summary

	Area	Unit	Unit Cost	Construction Cost		Total Project Cost 25% (x 1.33)
				Cost	Sub Total	
<b>4. New Construction (Classrooms)</b>				\$	3,067,000	\$ 4,080,000
Pre-school and kindergarten						
Remove portable classrooms	2	ea	\$ 12,720.00	\$	25,440	
Classrooms, one story building	5,940	sf	\$ 467.46	\$	2,776,712	
Site improvements surrounding building pad	5,940	sf	\$ 44.52	\$	264,449	
Student collaboration lab						
Classrooms, two story building	1,277	sf	\$ 514.10			
Site improvements surrounding building pad	638	sf	\$ 44.52			
Elementary school						
Remove portable classrooms	11	ea	\$ 12,720.00			
Classrooms, two story building	11,491	sf	\$ 526.82			
Site improvements surrounding building pad	5,746	sf	\$ 44.52			
<b>5. Elementary STEM &amp; JrHS/HS Science Programs</b>				\$	-	\$ -
No scope in this category						
<b>6. JrHS/HS Electives Improvements</b>				\$	-	\$ -
No scope in this category						
<b>7. Music, Drama &amp; Performing Arts Improvements</b>				\$	759,000	\$ 1,010,000
Music lab classroom						
Lab classrooms, one story building	1,320	sf	\$ 530.00	\$	699,600	
Site improvements surrounding building pad	1,320	sf	\$ 44.52	\$	58,766	
<b>8. MPR, Student Union &amp; Food Service Improvements</b>				\$	6,858,000	\$ 9,122,000
Demolish existing buildings	2,560	sf	\$ 26.50	\$	67,840	
Multi-purpose rooms						
MPR, one story building	8,388	sf	\$ 583.00	\$	4,889,913	
Site improvements surrounding building pad	8,388	sf	\$ 44.52	\$	373,412	
Food service						
Food service, one story building	1,650	sf	\$ 694.30	\$	1,145,595	
Site improvements surrounding building pad	1,650	sf	\$ 44.52	\$	73,458	
New trash enclosure	1	ea	\$ 53,000.00	\$	53,000	
New lunch shelter	2,400	sf	\$ 106.00	\$	254,400	
<b>9. Physical Education Improvements</b>				\$	-	\$ -
No scope in this category						

Construction Cost Summary

	Area	Unit	Unit Cost	Construction Cost		Total Project Cost 25% (x 1.33)
				Cost	Sub Total	
<b>10. Staff and Community Support</b>				\$	2,473,000	\$ 3,290,000
Demolish existing buildings	1,612	sf	\$ 26.50	\$	42,718	
Administration						
Admin, one story building	2,475	sf	\$ 461.10	\$	1,141,223	
Site improvements surrounding building pad	2,475	sf	\$ 44.52	\$	110,187	
Staff work rooms						
Admin, one story building	990	sf	\$ 461.10	\$	456,489	
Admin, two story building	1,277	sf	\$ 508.80	\$	649,636	
Site improvements surrounding building pad	1,628	sf	\$ 44.52	\$	72,496	
<b>11. Library &amp; Student Support Services</b>				\$	-	\$ -
Elementary school library and innovation lab						
Reconfigure	3,840	sf	\$ 286.20			
Learning center						
Reconfigure	1,920	sf	\$ 279.84			
Classrooms, two story building	1,277	sf	\$ 514.10			counseling center
Site improvements surrounding building pad	638	sf	\$ 44.52			
<b>12. Safety and Security</b>				\$	761,000	\$ 1,013,000
New covered walkways	700	sf	\$ 106.00			
Decorative metal fencing and gates	820	lf	\$ 296.80	\$	243,376	
Rolling decorative metal gate	3	ea	\$ 47,700.00	\$	143,100	
New exterior lighting for student safety	1	ls	\$ 80,000.00	\$	80,000	
New safety locks to existing classroom doors	21	ea	\$ 1,351.50	\$	28,382	
New emergency signs and posts	1	ls	\$ 38,160.00	\$	38,160	
New marquee sign	1	ea	\$ 21,200.00	\$	21,200	
Low voltage upgrades						
Fire alarm system	19,290	sf	\$ 6.36			
New fire alarm head end equipment, allowance	1	ls	\$ 26,500.00			
Emergency lighting	19,290	sf	\$ 1.70	\$	32,716	
PA / emergency communication systems	19,290	sf	\$ 9.01	\$	173,803	
Intrusion alarms	19,290	sf	\$ 2.12			Excluded
Other security systems	19,290	sf	\$ 2.54			Excluded cameras
<b>13. Bike / Car Parking &amp; Drop-off</b>				\$	799,000	\$ 1,063,000
Slurry and stripe existing parking lot	9,250	sf	\$ 4.24	\$	39,220	
New parking lot	16,425	sf	\$ 19.08	\$	313,389	
New drop-off area	11,625	sf	\$ 21.20	\$	246,450	
New access road	3,500	sf	\$ 19.19			
New concrete pedestrian paving	2,400	sf	\$ 19.08	\$	45,792	
Entry plaza upgrades	3,350	sf	\$ 30.74	\$	102,979	
Bike parking incl. fencing and gates, AC paving and bike racks	2,450	sf	\$ 20.87	\$	51,132	

SECTION 6



APPENDIX  
TOTAL PROGRAM COST: GROUP 1 AND 2 SCOPES



Construction Cost Summary

	Area	Unit	Unit Cost	Construction Cost Total	Sub Total	Total Project Cost 25% (x 1.33)
<b>14. Outdoor Learning Courts, Quads &amp; Gardens</b>				\$ -		\$ -
New learning courts	8,700	sf	\$ 27.56			
<b>15. Exterior Play Spaces, Playfields &amp; Hardcourts</b>				\$ 110,000		\$ 147,000
Pre-school and kindergarten play yard						
New rubber surfacing	800	sf	\$ 23.32	\$ 18,656		
Shade structure	1,200	sf	\$ 53.00	\$ 63,600		
Slurry and stripe existing hardcourts	6,400	sf	\$ 4.24	\$ 27,136		
Elementary play yard and hardcourts						
New rubber surfacing	6,000	sf	\$ 23.32			
New hardcourts	12,250	sf	\$ 12.72			
New basketball courts and hoops	6	ea	\$ 5,830.00			
New ball walls	1	ea	\$ 10,600.00			
<b>16. Next Generation Learning Furniture</b>				\$ 716,000		\$ 716,000
Flexible furniture per classroom (direct cost)	27	ea	\$ 26,500.00	\$ 715,500		
<b>17. Technology Infrastructure &amp; Equipment</b>				\$ 702,000		\$ 702,000
Classroom tech package - smart boards, projector, project mounts, flat screen monitor, audio system, etc. (direct cost)	27	ea	\$ 12,720.00	\$ 343,440		
Upgrade backbone, wireless access points, and switches (direct cost)	19,290	sf	\$ 9.28	\$ 178,915		
Upgrade fiber to support (direct cost)	19,290	sf	\$ 9.28	\$ 178,915		
<b>TOTAL PROJECT COSTS (2018\$)</b>				\$ 16,279,000		\$ 21,191,000

Construction Cost Summary

	Area	Unit	Unit Cost	Construction Cost Total	Sub Total	Total Project Cost 25% (x 1.33)
<b>1. Modernize / Reconfigure Existing Classrooms</b>				\$ 984,000		\$ 1,309,000
Existing classrooms (MEP scope covered in Section C)						
Walls						
Replace existing walls	960	sf	\$ 8.48	\$ 8,141		mod. at 40%
Repair existing walls	18,060	sf	\$ 2.12	\$ 38,287		mod. at 40%
Windows						
Replace existing windows	19,020	sf	\$ 21.47	\$ 408,264		includes clerestory; moc
Doors						
Replace existing doors	960	sf	\$ 6.36	\$ 6,106		mod. at 40%
Repair existing doors	18,060	sf	\$ 2.12	\$ 38,287		mod. at 40%
Floors						
Replace existing floors	19,020	sf	\$ 7.00	\$ 133,064		mod. at 40%
Ceilings						
Replace existing ceilings	19,020	sf	\$ 10.60	\$ 201,612		mod. at 40%
Exteriors						
Patch, repair and paint	19,020	sf	\$ 2.12	\$ 40,322		mod. at 40%
Roofing						
Patch and repair leaks, etc.	32,625	sf	\$ 2.65	\$ 86,456		minor for HVAC install
ADA upgrades, allowance	19,020	sf	\$ 1.20	\$ 22,824		mod. at 40%
<b>2. Existing Building Systems, Toilets and Improved Energy Efficiency</b>				\$ 1,231,000		\$ 1,638,000
Restroom upgrades						
Moderate modernization	2,200	sf	\$ 53.00	\$ 116,600		mod. at 40%
Reconfigure	75	sf	\$ 265.00	\$ 19,875		gender neutral restroom
Building systems						
HVAC upgrades	32,625	sf	\$ 13.57	\$ 442,656		mod. at 40%
Plumbing upgrades	32,625	sf	\$ 5.09	\$ 165,996		mod. at 40%
EMS systems upgrades	32,625	sf	\$ 3.18	\$ 103,748		mod. at 40%
Lighting and controls upgrades	32,625	sf	\$ 8.48	\$ 276,660		mod. at 40%
Convenience power upgrades	32,625	sf	\$ 2.76	\$ 89,915		mod. at 40%
Replace drinking fountains with ADA fountains including bottle filler	3	ea	\$ 5,088.00	\$ 15,264		
<b>3. Site Utilities &amp; Infrastructure</b>				\$ -		\$ -
No scope in this category						

SECTION 6



APPENDIX  
TOTAL PROGRAM COST: GROUP 1 AND 2 SCOPES



Construction Cost Summary

	Area	Unit	Unit Cost	Construction Cost Total	Sub Total	Total Project Cost 25% (x 1.33)
<b>4. New Construction (Classrooms)</b>				\$ -		\$ -
Pre-school and kindergarten						
Classrooms, one story building	2,970	sf	\$ 467.46			
Site improvements surrounding building pad	2,970	sf	\$ 44.52			
Student collaboration lab						
Classrooms, one story building	1,056	sf	\$ 466.40			
Site improvements surrounding building pad	1,056	sf	\$ 44.52			
Elementary school						
Remove portable classrooms	7	ea	\$ 12,720.00			
Classrooms, one story building	5,280	sf	\$ 478.06			
Site improvements surrounding building pad	5,280	sf	\$ 44.52			
<b>5. Elementary STEM &amp; JrHS/HS Science Programs</b>				\$ -		\$ -
Elementary science and STEM labs						
Moderate modernization	1,920	sf	\$ 190.80			
<b>6. JrHS/HS Electives Improvements</b>				\$ -		\$ -
No scope in this category						
<b>7. Music, Drama &amp; Performing Arts Improvements</b>				\$ -		\$ -
Music lab classroom						
Reconfigure	960	sf	\$ 318.00			
<b>8. MPR, Student Union &amp; Food Service Improvements</b>				\$ -		\$ -
Multi-purpose rooms						
Moderate modernization	5,000	sf	\$ 185.50			
Food service						
Moderate modernization	450	sf	\$ 206.70			
New kitchen equipment, allowance	450	sf	\$ 79.50			
New lunch shelter	2,400	sf	\$ 106.00			
<b>9. Physical Education Improvements</b>				\$ -		\$ -
No scope in this category						
<b>10. Staff and Community Support</b>				\$ -		\$ -
Administration						
Moderate modernization	1,575	sf	\$ 143.10			
Staff work rooms						
Moderate modernization	1,050	sf	\$ 143.10			

Construction Cost Summary

	Area	Unit	Unit Cost	Construction Cost Total	Sub Total	Total Project Cost 25% (x 1.33)
<b>11. Library &amp; Student Support Services</b>				\$ -		\$ -
Elementary school library and innovation lab						
Minor modernization	2,500	sf	\$ 111.30			
Reconfigure	900	sf	\$ 286.20			
Lab classrooms, one story building	1,155	sf	\$ 482.30			
Site improvements surrounding building pad	1,155	sf	\$ 44.52			
Learning center						
Classrooms, one story building	2,112	sf	\$ 466.40			
Site improvements surrounding building pad	2,112	sf	\$ 44.52			
<b>12. Safety and Security</b>				\$ 1,155,000		\$ 1,537,000
New concrete pedestrian paving	1,000	sf	\$ 19.08	\$ 19,080		
Repair concrete pedestrian paving	2,200	sf	\$ 11.66	\$ 25,652		
Decorative metal fencing and gates	860	lf	\$ 296.80	\$ 255,248		
Rolling decorative metal gate	2	ea	\$ 47,700.00	\$ 95,400		
New exterior lighting for student safety	1	ls	\$ 80,000.00	\$ 80,000		
New safety locks to existing classroom doors	27	ea	\$ 1,351.50	\$ 36,491		
New emergency signs and posts	1	ls	\$ 38,160.00	\$ 38,160		
New marquee sign	1	ea	\$ 21,200.00	\$ 21,200		
Low voltage upgrades						
Fire alarm system	32,625	sf	\$ 6.36	\$ 207,495		
New fire alarm head end equipment, allowance	1	ls	\$ 26,500.00	\$ 26,500		
Emergency lighting	32,625	sf	\$ 1.70	\$ 55,332		
PA / emergency communication systems	32,625	sf	\$ 9.01	\$ 293,951		
Intrusion alarms	32,625	sf	\$ 2.12	Excluded		
Other security systems	32,625	sf	\$ 2.54	Excluded	cameras	
<b>13. Bike / Car Parking &amp; Drop-off</b>				\$ 403,000		\$ 536,000
Slurry and stripe existing parking lot	17,800	sf	\$ 4.24	\$ 75,472		
New drop-off area	9,650	sf	\$ 21.20	\$ 204,580		
New concrete pedestrian paving	2,900	sf	\$ 19.08	\$ 55,332		
Bike parking incl. fencing and gates, AC paving and bike rack	3,200	sf	\$ 20.87	\$ 66,784		
<b>14. Outdoor Learning Courts, Quads &amp; Gardens</b>				\$ -		\$ -
New student quad	8,500	sf	\$ 27.56			
New learning courts	7,200	sf	\$ 27.56			
New learning court under trees	3,500	sf	\$ 13.78			

SECTION 6



APPENDIX  
TOTAL PROGRAM COST: GROUP 1 AND 2 SCOPES



Construction Cost Summary

	Area	Unit	Unit Cost	Construction Cost Total	Sub Total	Total Project Cost 25% (x 1.33)
<b>15. Exterior Play Spaces, Playfields &amp; Hardcourts</b>				\$ -		\$ -
Pre-school and kindergarten play yard						
New rubber surfacing	2,500	sf	\$ 23.32			
Shade structure	1,200	sf	\$ 53.00			
Elementary play yard and hardcourts						
New rubber surfacing	4,375	sf	\$ 23.32			
Resurface and repair hardcourts	8,000	sf	\$ 6.36			
Repair playfields	66,600	sf	\$ 3.18			
<b>16. Next Generation Learning Furniture</b>				\$ 663,000		\$ 663,000
Flexible furniture per classroom (direct cost)	25	ea	\$ 26,500.00	\$ 662,500		
<b>17. Technology Infrastructure &amp; Equipment</b>				\$ 621,000		\$ 621,000
Classroom tech package - smart boards, projector, project mounts, flat screen monitor, audio system, etc. (direct cost)	25	ea	\$ 12,720.00	\$ 318,000		
Upgrade backbone, wireless access points, and switches (direct cost)	32,625	sf	\$ 4.64	\$ 151,298		all CR's at 50%
Upgrade fiber to support (direct cost)	32,625	sf	\$ 4.64	\$ 151,298		all CR's at 50%
<b>TOTAL PROJECT COSTS (2018\$)</b>				\$ 5,056,000		\$ 6,304,000

Construction Cost Summary

	Area	Unit	Unit Cost	Construction Cost Total	Sub Total	Total Project Cost 25% (x 1.33)
<b>1. Modernize / Reconfigure Existing Classrooms</b>				\$ -		\$ -
Existing classrooms (MEP scope covered in Section C)						
Structural upgrades						
Roof / wall connections	16,000	sf	\$ 15.90			1974 buildings
Walls						
Replace existing walls	480	sf	\$ 21.20			
Repair existing walls	19,780	sf	\$ 5.30			
Windows						
Replace existing windows	20,260	sf	\$ 23.85			
Doors						
Repair existing doors	20,260	sf	\$ 5.30			
Floors						
Replace existing floors	20,260	sf	\$ 17.49			
Ceilings						
Repair existing ceilings	20,260	sf	\$ 13.25			
Exteriors						
Patch, repair and paint	20,260	sf	\$ 5.30			
ADA upgrades, allowance	20,260	sf	\$ 3.00			
<b>2. Existing Building Systems, Toilets and Improved Energy Efficiency</b>				\$ 36,000		\$ 48,000
Restroom upgrades						
Reconfigure	75	sf	\$ 265.00	\$ 19,875		gender neutral restroom
Building systems						
EMS systems upgrades	26,770	sf	\$ 7.95			
Lighting and controls upgrades	26,770	sf	\$ 10.60			mod. at 50%
Convenience power upgrades	26,770	sf	\$ 6.89			
Replace drinking fountains with ADA fountains including bottle filler	3	ea	\$ 5,088.00	\$ 15,264		
<b>3. Site Utilities &amp; Infrastructure</b>				\$ -		\$ -
Based on entire campus area, upgrade existing utilities;						
Natural gas service	387,000	sf	\$ 0.14			mod. at 33%
Sanitary sewer service	387,000	sf	\$ 0.28			mod. at 33%
Domestic and fire water service	387,000	sf	\$ 0.35			mod. at 33%
Electrical mains and distribution	387,000	sf	\$ 0.70			mod. at 33%
Storm drain service	387,000	sf	\$ 0.35			mod. at 33%
Electrical capacity upgrades	1	ls	\$ 291,500.00			

SECTION 6



APPENDIX  
TOTAL PROGRAM COST: GROUP 1 AND 2 SCOPES



Construction Cost Summary

	Area	Unit	Unit Cost	Construction Cost Total	Sub-	Total Project Cost 25% (x 1.33)
<b>4. New Construction (Classrooms)</b>				\$ 761,000		\$ 1,013,000
Pre-school and kindergarten						
Classrooms, one story building	1,485	sf	\$ 467.46	\$ 694,178		
Site improvements surrounding building pad	1,485	sf	\$ 44.52	\$ 66,112		
Student collaboration lab						
Classrooms, one story building	1,320	sf	\$ 466.40			
Site improvements surrounding building pad	1,320	sf	\$ 44.52			
Elementary school						
Remove portable classrooms	9	ea	\$ 12,720.00			
Classrooms, one story building	6,336	sf	\$ 478.06			
Site improvements surrounding building pad	6,336	sf	\$ 44.52			
<b>5. Elementary STEM &amp; JrHS/HS Science Programs</b>				\$ -		\$ -
Elementary science and STEM labs						
Lab classrooms, one story building	1,320	sf	\$ 545.90			
Site improvements surrounding building pad	1,320	sf	\$ 44.52			
<b>6. JrHS/HS Electives Improvements</b>				\$ -		\$ -
No scope in this category						
<b>7. Music, Drama &amp; Performing Arts Improvements</b>				\$ -		\$ -
No scope in this category						
<b>8. MPR, Student Union &amp; Food Service Improvements</b>				\$ -		\$ -
No scope in this category						
<b>9. Physical Education Improvements</b>				\$ -		\$ -
PE / fitness rooms						
Classrooms, one story building	1,056	sf	\$ 478.06			
Site improvements surrounding building pad	1,056	sf	\$ 44.52			
<b>10. Staff and Community Support</b>				\$ -		\$ -
Administration						
Moderate modernization	2,150	sf	\$ 143.10			
Staff work rooms						
Moderate modernization	1,000	sf	\$ 143.10			

Construction Cost Summary

	Area	Unit	Unit Cost	Construction Cost Total	Sub-	Total Project Cost 25% (x 1.33)
<b>11. Library &amp; Student Support Services</b>				\$ -		\$ -
Elementary school library and innovation lab						
Moderate modernization	3,360	sf	\$ 159.00			
Learning center						
Moderate modernization	1,830	sf	\$ 148.40			
<b>12. Safety and Security</b>				\$ 901,000		\$ 1,199,000
Decorative metal fencing and gates	995	lf	\$ 296.80	\$ 295,316		
Rolling decorative metal gate	3	ea	\$ 47,700.00	\$ 143,100		
New exterior lighting for student safety	1	ls	\$ 80,000.00	\$ 80,000		
New safety locks to existing classroom doors	27	ea	\$ 1,351.50	\$ 36,491		
New emergency signs and posts	1	ls	\$ 38,160.00	\$ 38,160		
New marquee sign	1	ea	\$ 21,200.00	\$ 21,200		
Low voltage upgrades						
Fire alarm system	26,770	sf	\$ 6.36			
New fire alarm head end equipment, allowance	1	ls	\$ 26,500.00			
Emergency lighting	26,770	sf	\$ 1.70	\$ 45,402		
PA / emergency communication systems	26,770	sf	\$ 9.01	\$ 241,198		
Intrusion alarms	26,770	sf	\$ 2.12	Excluded		
Other security systems	26,770	sf	\$ 2.54	Excluded	cameras	
<b>13. Bike / Car Parking &amp; Drop-off</b>				\$ 203,000		\$ 270,000
New parking lot	8,400	sf	\$ 19.08	\$ 160,272		
Bike parking incl. fencing and gates, AC paving and bike rack	2,000	sf	\$ 20.87	\$ 41,740		
<b>14. Outdoor Learning Courts, Quads &amp; Gardens</b>				\$ 294,000		\$ 392,000
New student quad	11,200	sf	\$ 26.18	\$ 293,238		
New learning courts	15,300	sf	\$ 24.80			
New student garden	3,750	sf	\$ 14.84		upgrades to existing	
<b>15. Exterior Play Spaces, Playfields &amp; Hardcourts</b>				\$ -		\$ -
Pre-school and kindergarten play yard						
New rubber surfacing	2,500	sf	\$ 23.32			
Shade structure	1,200	sf	\$ 53.00			
Elementary play yard and hardcourts						
New rubber surfacing	2,800	sf	\$ 23.32			
Play apparatus	1	ea	\$ 81,620.00			
Repair playfields	103,325	sf	\$ 1.59		minor	

SECTION 6



APPENDIX  
TOTAL PROGRAM COST: GROUP 1 AND 2 SCOPES



Construction Cost Summary

	Area	Unit	Unit Cost	Construction Cost Total	Sub-Total	Total Project Cost 25% (x 1.33)
<b>16. Next Generation Learning Furniture</b>				\$ 742,000		\$ 742,000
Flexible furniture per classroom (direct cost)	28	ea	\$ 26,500.00	\$ 742,000		
<b>17. Technology Infrastructure &amp; Equipment</b>				\$ 853,000		\$ 853,000
Classroom tech package - smart boards, projector, project mounts, flat screen monitor, audio system, etc. (direct cost)	28	ea	\$ 12,720.00	\$ 356,160		
Upgrade backbone, wireless access points, and switches (direct cost)	26,770	sf	\$ 9.28	\$ 248,292		
Upgrade fiber to support (direct cost)	26,770	sf	\$ 9.28	\$ 248,292		
<b>TOTAL PROJECT COSTS (2018\$)</b>				\$ 3,789,000		\$ 4,517,000

Construction Cost Summary

	Area	Unit	Unit Cost	Construction Cost Total	Sub-Total	Total Project Cost 25% (x 1.33)
<b>1. Modernize / Reconfigure Existing Classrooms</b>				\$ -		\$ -
Existing classrooms (MEP scope covered in Section C)						
Walls						
Replace existing walls	4,200	sf	\$ 21.20			
Repair existing walls	14,720	sf	\$ 5.30			
Windows						
Replace existing windows	18,920	sf	\$ 23.85			
Doors						
Replace existing doors	4,200	sf	\$ 15.90			
Repair existing doors	14,720	sf	\$ 5.30			
Floors						
Replace existing floors	18,920	sf	\$ 17.49			
Ceilings						
Repair existing ceilings	18,920	sf	\$ 13.25			
Exteriors						
Patch, repair and paint	18,920	sf	\$ 5.30			
ADA upgrades, allowance	18,920	sf	\$ 3.00			
<b>2. Existing Building Systems, Toilets and Improved Energy Efficiency</b>				\$ 36,000		\$ 48,000
Restroom upgrades						
Moderate modernization	525	sf	\$ 132.50			
Reconfigure	75	sf	\$ 265.00	\$ 19,875		includes gender neutral restroom
Building systems						
EMS systems upgrades	28,830	sf	\$ 7.95			
Lighting and controls upgrades	28,830	sf	\$ 10.60			mod. at 50%
Convenience power upgrades	28,830	sf	\$ 6.89			
Replace drinking fountains with ADA fountains including bottle filler	3	ea	\$ 5,088.00	\$ 15,264		
<b>3. Site Utilities &amp; Infrastructure</b>				\$ -		\$ -
Based on entire campus area, upgrade existing utilities;						
Natural gas service	346,000	sf	\$ 0.14			mod. at 33%
Sanitary sewer service	346,000	sf	\$ 0.28			mod. at 33%
Domestic and fire water service	346,000	sf	\$ 0.35			mod. at 33%
Electrical mains and distribution	346,000	sf	\$ 0.70			mod. at 33%
Storm drain service	346,000	sf	\$ 0.35			mod. at 33%
Electrical capacity upgrades	1	ls	\$ 291,500.00			

SECTION 6



APPENDIX  
TOTAL PROGRAM COST: GROUP 1 AND 2 SCOPES



Construction Cost Summary

	Area	Unit	Unit Cost	Construction Cost		Total Project Cost 25% (x 1.33)
				Cost	Sub	
<b>4. New Construction (Classrooms)</b>				\$ -		\$ -
Student collaboration lab						
Classrooms, two story building	1,277	sf	\$ 514.10			
Site improvements surrounding building pad	638	sf	\$ 44.52			
Elementary school						
Remove portable classrooms	8	ea	\$ 12,720.00			
Classrooms, two story building	12,768	sf	\$ 526.82			
Site improvements surrounding building pad	6,384	sf	\$ 44.52			
<b>5. Elementary STEM &amp; JrHS/HS Science Programs</b>				\$ -		\$ -
Remove portable classrooms	2	ea	\$ 12,720.00			
Elementary science and STEM labs						
Reconfigure	3,360	sf	\$ 318.00			
<b>6. JrHS/HS Electives Improvements</b>				\$ -		\$ -
No scope in this category						
<b>7. Music, Drama &amp; Performing Arts Improvements</b>				\$ 759,000		\$ 1,010,000
Music lab classroom						
Lab classrooms, one story building	1,320	sf	\$ 530.00	\$ 699,600		
Site improvements surrounding building pad	1,320	sf	\$ 44.52	\$ 58,766		
<b>8. MPR, Student Union &amp; Food Service Improvements</b>				\$ 6,790,000		\$ 9,031,000
Multi-purpose rooms						
MPR, one story building	8,388	sf	\$ 583.00	\$ 4,889,913		
Site improvements surrounding building pad	8,388	sf	\$ 44.52	\$ 373,412		
Food service						
Food service, one story building	1,650	sf	\$ 694.30	\$ 1,145,595		
Site improvements surrounding building pad	1,650	sf	\$ 44.52	\$ 73,458		
New trash enclosure	1	ea	\$ 53,000.00	\$ 53,000		
New lunch shelter	2,400	sf	\$ 106.00	\$ 254,400		
<b>9. Physical Education Improvements</b>				\$ -		\$ -
No scope in this category						

Construction Cost Summary

	Area	Unit	Unit Cost	Construction Cost		Total Project Cost 25% (x 1.33)
				Cost	Sub	
<b>10. Staff and Community Support</b>				\$ 2,342,000		\$ 3,115,000
Administration						
Reconfigure	450	sf	\$ 270.30	\$ 121,635		
Admin, one story building	2,860	sf	\$ 461.10	\$ 1,318,746		
Admin, two story building	200	sf	\$ 508.80	\$ 101,506		
Site improvements surrounding building pad	2,960	sf	\$ 44.52	\$ 131,768		
Staff work rooms						
Admin, one story building	1,320	sf	\$ 461.10	\$ 608,652		
Site improvements surrounding building pad	1,320	sf	\$ 44.52	\$ 58,766		
<b>11. Library &amp; Student Support Services</b>				\$ 1,368,000		\$ 1,820,000
Elementary school library and innovation lab						
Reconfigure	4,000	sf	\$ 286.20	\$ 1,144,800		
Learning center						
Moderate modernization	1,500	sf	\$ 148.40	\$ 222,600		
Classrooms, two story building	1,277	sf	\$ 514.10			
Site improvements surrounding building pad	638	sf	\$ 44.52			
<b>12. Safety and Security</b>				\$ 1,207,000		\$ 1,606,000
Repair concrete pedestrian paving	5,700	sf	\$ 11.66	\$ 66,462		
Chain link fencing and gates	520	lf	\$ 143.10	\$ 74,412		backs up to highway
Decorative metal fencing and gates	755	lf	\$ 296.80	\$ 224,084		
Rolling decorative metal gate	3	ea	\$ 47,700.00	\$ 143,100		
New exterior lighting for student safety	1	ls	\$ 80,000.00	\$ 80,000		
New safety locks to existing classroom doors	30	ea	\$ 1,351.50	\$ 40,545		
New emergency signs and posts	1	ls	\$ 38,160.00	\$ 38,160		
New marquee sign	1	ea	\$ 21,200.00	\$ 21,200		
Low voltage upgrades						
Fire alarm system	28,830	sf	\$ 6.36	\$ 183,359		
New fire alarm head end equipment, allowance	1	ls	\$ 26,500.00	\$ 26,500		
Emergency lighting	28,830	sf	\$ 1.70	\$ 48,896		
PA / emergency communication systems	28,830	sf	\$ 9.01	\$ 259,758		
Intrusion alarms	28,830	sf	\$ 2.12	Excluded		
Other security systems	28,830	sf	\$ 2.54	Excluded		cameras
<b>13. Bike / Car Parking &amp; Drop-off</b>				\$ 591,000		\$ 787,000
New parking lot	9,000	sf	\$ 19.08	\$ 171,720		
New access road	6,750	sf	\$ 19.19	\$ 129,506		
New concrete pedestrian paving	1,500	sf	\$ 19.08	\$ 28,620		
Entry plaza upgrades	3,250	sf	\$ 30.74	\$ 99,905		
Bike parking incl. fencing and gates, AC paving and bike rack	7,700	sf	\$ 20.87	\$ 160,699		

SECTION 6



APPENDIX  
TOTAL PROGRAM COST: GROUP 1 AND 2 SCOPES





Construction Cost Summary

	Area	Unit	Unit Cost	Construction Cost	Sub Total	Total Project Cost 25% (x 1.33)
<b>14. Outdoor Learning Courts, Quads &amp; Gardens</b>						
New student quad	8,800	sf	\$ 27.56			\$ -
New learning courts	10,550	sf	\$ 27.56			\$ -
<b>15. Exterior Play Spaces, Playfields &amp; Hardcourts</b>						
Pre-school and kindergarten play yard						
New rubber surfacing	2,000	sf	\$ 23.32			\$ -
Play apparatus	1	ea	\$ 81,620.00			\$ -
Shade structure	1,200	sf	\$ 53.00			\$ -
New hardcourts	4,000	sf	\$ 12.72			\$ -
Elementary play yard and hardcourts						
New rubber surfacing	9,600	sf	\$ 23.32			\$ -
<b>16. Next Generation Learning Furniture</b>						
Flexible furniture per classroom (direct cost)	28	ea	\$ 26,500.00	\$ 742,000		\$ 742,000
<b>17. Technology Infrastructure &amp; Equipment</b>						
Classroom tech package - smart boards, projector, project mounts, flat screen monitor, audio system, etc. (direct cost)						
	28	ea	\$ 12,720.00	\$ 356,160		\$ 891,000
Upgrade backbone, wireless access points, and switches (direct cost)						
	28,830	sf	\$ 9.28	\$ 267,398		\$ 891,000
Upgrade fiber to support (direct cost)						
	28,830	sf	\$ 9.28	\$ 267,398		\$ 891,000
<b>TOTAL PROJECT COSTS (2018\$)</b>				<b>\$ 14,724,000</b>	<b>\$</b>	<b>19,050,000</b>

Construction Cost Summary

	Area	Unit	Unit Cost	Construction Cost	Sub Total	Total Project Cost 25% (x 1.33)
<b>1. Modernize / Reconfigure Existing Classrooms</b>						
Existing classrooms (MEP scope covered in Section C)				\$ 1,646,000		\$ 2,190,000
Walls						
Replace existing walls	3,825	sf	\$ 21.20	\$ 81,090		
Repair existing walls	12,480	sf	\$ 5.30	\$ 66,144		
Windows						
Replace existing windows	16,305	sf	\$ 23.85	\$ 388,874		
Doors						
Replace existing doors	3,825	sf	\$ 15.90	\$ 60,818		
Repair existing doors	12,480	sf	\$ 5.30	\$ 66,144		
Floors						
Replace existing floors	16,305	sf	\$ 17.49	\$ 285,174		
Ceilings						
Replace existing ceilings	16,305	sf	\$ 26.50	\$ 432,083		
Exteriors						
Patch, repair and paint	16,305	sf	\$ 5.30	\$ 86,417		
Roofing						
Patch and repair leaks, etc.	70,205	sf	\$ 1.86	\$ 130,230		minor for HVAC
ADA upgrades, allowance	16,305	sf	\$ 3.00	\$ 48,915		
<b>2. Existing Building Systems, Toilets and Improved Energy Efficiency</b>				<b>\$ 5,191,000</b>	<b>\$</b>	<b>6,905,000</b>
Restroom upgrades						
Moderate modernization	4,050	sf	\$ 132.50	\$ 536,625		
Reconfigure	75	sf	\$ 265.00	\$ 19,875		gender neutral restroom
Building systems						
HVAC upgrades	70,205	sf	\$ 33.92	\$ 2,381,354		
Plumbing upgrades	70,205	sf	\$ 6.36	\$ 446,504		mod. at 50%
EMS systems upgrades	70,205	sf	\$ 7.95	\$ 558,130		
Lighting and controls upgrades	70,205	sf	\$ 10.60	\$ 744,173		mod. at 50%
Convenience power upgrades	70,205	sf	\$ 6.89	\$ 483,712		
Replace drinking fountains with ADA fountains including bottle filler	4	ea	\$ 5,088.00	\$ 20,352		
<b>3. Site Utilities &amp; Infrastructure</b>				<b>\$ 1,876,000</b>	<b>\$</b>	<b>2,496,000</b>
Based on entire campus area, upgrade existing utilities;						
Natural gas service	1,003,540	sf	\$ 0.14	\$ 140,415		mod. at 33%
Sanitary sewer service	1,003,540	sf	\$ 0.28	\$ 280,831		mod. at 33%
Domestic and fire water service	1,003,540	sf	\$ 0.35	\$ 351,038		mod. at 33%
Electrical mains and distribution	1,003,540	sf	\$ 0.70	\$ 705,587		mod. at 33%
Storm drain service	1,003,540	sf	\$ 0.11	\$ 106,375		mod. at 10%
Electrical capacity upgrades	1	ls	\$ 291,500.00	\$ 291,500		

SECTION 6



APPENDIX  
TOTAL PROGRAM COST: GROUP 1 AND 2 SCOPES



Construction Cost Summary

	Area	Unit	Unit Cost	Construction Cost Total	Sub Total	Total Project Cost 25% (x 1.33)
<b>4. New Construction (Classrooms)</b>				\$ -		\$ -
Middle school						
Remove portable classrooms	5	ea	\$ 12,720.00			
<b>5. Elementary STEM &amp; JrHS/HS Science Programs</b>				\$ 3,321,000	\$ 4,417,000	\$ 4,417,000
Remove portable classrooms	2	ea	\$ 12,720.00	\$ 25,440		
Middle science and STEM labs						
Moderate modernization	1,950	sf	\$ 190.80	\$ 372,060		
Lab classrooms, one story building	4,950	sf	\$ 545.90	\$ 2,702,205		
Site improvements surrounding building pad	4,950	sf	\$ 44.52	\$ 220,374		
<b>6. JrHS/HS Electives Improvements</b>				\$ 1,110,000	\$ 1,477,000	\$ 1,477,000
Elective classrooms						
Moderate modernization	6,975	sf	\$ 159.00	\$ 1,109,025		
<b>7. Music, Drama &amp; Performing Arts Improvements</b>				\$ 444,000	\$ 591,000	\$ 591,000
Music lab classroom						
Moderate modernization	2,325	sf	\$ 190.80	\$ 443,610		
<b>8. MPR, Student Union &amp; Food Service Improvements</b>				\$ -	\$ -	\$ -
Multi-purpose rooms						
Moderate modernization	4,725	sf	\$ 185.50			
Food service						
Moderate modernization	1,400	sf	\$ 206.70			
New trash enclosure	1	ea	\$ 53,000.00			
New lunch shelter	3,600	sf	\$ 106.00			
<b>9. Physical Education Improvements</b>				\$ -	\$ -	\$ -
PE / fitness rooms						
Classrooms, one story building	1,733	sf	\$ 478.06			
Site improvements surrounding building pad	1,733	sf	\$ 44.52			
Gymnasium						
Moderate modernization	11,475	sf	\$ 164.30			
Locker rooms						
Moderate modernization	6,750	sf	\$ 185.50			
Weight room						
Weight room, one story building	1,733	sf	\$ 478.06			
Site improvements surrounding building pad	1,733	sf	\$ 44.52			

Construction Cost Summary

	Area	Unit	Unit Cost	Construction Cost Total	Sub Total	Total Project Cost 25% (x 1.33)
<b>10. Staff and Community Support</b>				\$ -	\$ -	\$ -
Remove portable classrooms	2	ea	\$ 12,720.00			
Administration						
Moderate modernization	1,013	sf	\$ 143.10			
Admin, one story building	3,527	sf	\$ 461.10			
Site improvements surrounding building pad	3,527	sf	\$ 44.52			
Staff work rooms						
Moderate modernization	1,388	sf	\$ 143.10			
Reconfigure	2,850	sf	\$ 270.30			
Admin, one story building	787	sf	\$ 461.10			
Site improvements surrounding building pad	787	sf	\$ 44.52			
<b>11. Library &amp; Student Support Services</b>				\$ -	\$ -	\$ -
Middle school and high school library and innovation lab						
Reconfigure	6,000	sf	\$ 286.20			
Learning center						
Reconfigure	1,500	sf	\$ 279.84			
Student services						
Reconfigure	1,500	sf	\$ 270.30			
<b>12. Safety and Security</b>				\$ 1,583,000	\$ 2,106,000	\$ 2,106,000
New concrete pedestrian paving	1,300	sf	\$ 19.08	\$ 24,804		
Decorative metal fencing and gates	40	lf	\$ 296.80	\$ 11,872		
Rolling decorative metal gate	1	ea	\$ 47,700.00	\$ 47,700		
New exterior lighting for student safety	1	ls	\$ 160,000.00	\$ 160,000		
New safety locks to existing classroom doors	40	ea	\$ 1,351.50	\$ 54,060		
New emergency signs and posts	1	ls	\$ 38,160.00	\$ 38,160		
New marquee sign	1	ea	\$ 21,200.00	\$ 21,200		
Low voltage upgrades						
Fire alarm system	70,205	sf	\$ 6.36	\$ 446,504		
New fire alarm head end equipment, allowance	1	ls	\$ 26,500.00	\$ 26,500		
Emergency lighting	70,205	sf	\$ 1.70	\$ 119,068		
PA / emergency communication systems	70,205	sf	\$ 9.01	\$ 632,547		
Intrusion alarms	70,205	sf	\$ 2.12	Excluded		
Other security systems	70,205	sf	\$ 2.54	Excluded	cameras	
<b>13. Bike / Car Parking &amp; Drop-off</b>				\$ 82,000	\$ 110,000	\$ 110,000
Entry plaza upgrades	3,375	sf	\$ 30.74			
Bike parking incl. fencing and gates, AC paving and bike rack	3,900	sf	\$ 20.87	\$ 81,393		

SECTION 6



APPENDIX  
TOTAL PROGRAM COST: GROUP 1 AND 2 SCOPES



Construction Cost Summary

	Area	Unit	Unit Cost	Construction Cost		Total Project Cost 25% (x 1.33)
				Cost	Sub Total	
<b>14. Outdoor Learning Courts, Quads &amp; Gardens</b>				\$	-	\$ -
New learning courts	1,000	sf	\$ 27.56			
New student garden	7,200	sf	\$ 21.20			
<b>15. Exterior Play Spaces, Playfields &amp; Hardcourts</b>				\$	-	\$ -
Play yard and hardcourts						
Resurface and repair hardcourts	24,000	sf	\$ 6.36			
Repair playfields	360,000	sf	\$ 1.59			
Repair bike path	10,000	sf	\$ 10.00			
<b>16. Next Generation Learning Furniture</b>				\$	663,000	\$ 663,000
Flexible furniture per classroom (direct cost)	25	ea	\$ 26,500.00	\$	662,500	
<b>17. Technology Infrastructure &amp; Equipment</b>				\$	1,621,000	\$ 1,621,000
Classroom tech package - smart boards, projector, project mounts, flat screen monitor, audio system, etc. (direct cost)	25	ea	\$ 12,720.00	\$	318,000	
Upgrade backbone, wireless access points, and switches (direct cost)	70,205	sf	\$ 9.28	\$	651,151	
Upgrade fiber to support (direct cost)	70,205	sf	\$ 9.28	\$	651,151	
<b>TOTAL PROJECT COSTS (2018\$)</b>				\$	17,535,000	\$ 22,576,000

Construction Cost Summary

	Area	Unit	Unit Cost	Construction Cost		Total Project Cost 25% (x 1.33)
				Cost	Sub Total	
<b>1. Modernize / Reconfigure Existing Classrooms</b>				\$	-	\$ -
No scope in this category						
<b>2. Existing Building Systems, Toilets and Improved Energy Efficiency</b>				\$	40,227	\$ 54,000
Restroom upgrades						
Reconfigure	75	sf	\$ 265.00	\$	19,875	gender neutral restroom
Replace drinking fountains with ADA fountains including bottle fill	4	ea	\$ 5,088.00	\$	20,352	
<b>3. Site Utilities &amp; Infrastructure</b>				\$	-	\$ -
No scope in this category						
<b>4. New Construction (Classrooms)</b>				\$	-	\$ -
Student collaboration lab						
Classrooms, one story building	2,112	sf	\$ 466.40			
Site improvements surrounding building pad	2,112	sf	\$ 44.52			
Middle school						
Remove portable classrooms	4	ea	\$ 12,720.00			
Classrooms, one story building	4,224	sf	\$ 478.06			
Site improvements surrounding building pad	4,224	sf	\$ 44.52			
<b>5. Elementary STEM &amp; JrHS/HS Science Programs</b>				\$	-	\$ -
No scope in this category						
<b>6. JrHS/HS Electives Improvements</b>				\$	-	\$ -
No scope in this category						
<b>7. Music, Drama &amp; Performing Arts Improvements</b>				\$	-	\$ -
No scope in this category						
<b>8. MPR, Student Union &amp; Food Service Improvements</b>				\$	-	\$ -
No scope in this category						
<b>9. Physical Education Improvements</b>				\$	-	\$ -
No scope in this category						
<b>10. Staff and Community Support</b>				\$	-	\$ -
No scope in this category						
<b>11. Library &amp; Student Support Services</b>				\$	-	\$ -
No scope in this category						

SECTION 6



APPENDIX  
TOTAL PROGRAM COST: GROUP 1 AND 2 SCOPES



Construction Cost Summary

	Area	Unit	Unit Cost	Construction Cost		Total Project Cost 25% (x 1.33)
				Cost	Sub-Total	
<b>12. Safety and Security</b>				\$	<b>582,000</b>	\$ <b>775,000</b>
Decorative metal fencing and gates	510	lf	\$ 296.80	\$	151,368	
Rolling decorative metal gate	3	ea	\$ 47,700.00	\$	143,100	
New exterior lighting for student safety	1	ls	\$ 160,000.00	\$	160,000	
New safety locks to existing classroom doors	50	ea	\$ 1,351.50	\$	67,575	
New emergency signs and posts	1	ls	\$ 38,160.00	\$	38,160	
New marquee sign	1	ea	\$ 21,200.00	\$	21,200	
Low voltage upgrades						
Intrusion alarms	73,950	sf	\$ 2.12		Excluded	
Other security systems	73,950	sf	\$ 2.54		Excluded	cameras
<b>13. Bike / Car Parking &amp; Drop-off</b>				\$	<b>68,000</b>	\$ <b>91,000</b>
Bike parking incl. fencing and gates, AC paving and bike racks	10,706	sf	\$ 6.26	\$	67,030	minor work to existing bik
<b>14. Outdoor Learning Courts, Quads &amp; Gardens</b>				\$	<b>-</b>	\$ <b>-</b>
New student quad	8,000	sf	\$ 27.56			
New learning courts	5,500	sf	\$ 27.56			
New student garden	2,500	sf	\$ 21.20			
Shade structure	1,750	sf	\$ 53.50			
<b>15. Exterior Play Spaces, Playfields &amp; Hardcourts</b>				\$	<b>-</b>	\$ <b>-</b>
Play yard and hardcourts						
Slurry and stripe existing hardcourts	72,000	sf	\$ 4.24			
Repair playfields	340,000	sf	\$ 1.05			minor repair
<b>16. Next Generation Learning Furniture</b>				\$	<b>-</b>	\$ <b>-</b>
Flexible furniture per classroom (direct cost)	34	ea	\$ 26,500.00			
<b>17. Technology Infrastructure &amp; Equipment</b>				\$	<b>903,000</b>	\$ <b>903,000</b>
Classroom tech package - smart boards, projector, project mounts, flat screen monitor, audio system, etc. (direct cost)	34	ea	\$ 12,720.00	\$	216,240	at 50%
Upgrade backbone, wireless access points, and switches (direct cost)	73,950	sf	\$ 4.64	\$	342,943	all CR's at 50%
Upgrade fiber to support (direct cost)	73,950	sf	\$ 4.64	\$	342,943	all CR's at 50%
<b>TOTAL PROJECT COSTS (2018\$)</b>				\$	<b>1,593,000</b>	\$ <b>1,823,000</b>

Construction Cost Summary

	Area	Unit	Unit Cost	Construction Cost		Total Project Cost 25% (x 1.33)
				Cost	Sub-Total	
<b>1. Modernize / Reconfigure Existing Classrooms</b>				\$	<b>-</b>	\$ <b>-</b>
No scope in this category						
<b>2. Existing Building Systems, Toilets and Improved Energy Efficiency</b>				\$	<b>41,000</b>	\$ <b>55,000</b>
Restroom upgrades						
Reconfigure	75	sf	\$ 265.00	\$	19,875	includes gender neutral restroom
Replace drinking fountains with ADA fountains including bottle filler	4	ea	\$ 5,088.00	\$	20,352	
<b>3. Site Utilities &amp; Infrastructure</b>				\$	<b>-</b>	\$ <b>-</b>
Based on entire campus area, upgrade existing utilities;						
Natural gas service	806,000	sf	\$ 0.11			mod. at 25%
Sanitary sewer service	806,000	sf	\$ 0.21			mod. at 25%
Domestic and fire water service	806,000	sf	\$ 0.27			mod. at 25%
Electrical mains and distribution	806,000	sf	\$ 0.53			mod. at 25%
Storm drain service	806,000	sf	\$ 0.27			mod. at 25%
Electrical capacity upgrades	1	ls	\$ 291,500.00			
<b>4. New Construction (Classrooms)</b>				\$	<b>-</b>	\$ <b>-</b>
Middle school						
Remove portable classrooms	7	ea	\$ 12,720.00			
Classrooms, one story building	6,336	sf	\$ 478.06			
Site improvements surrounding building pad	6,336	sf	\$ 44.52			
<b>5. Elementary STEM &amp; JrHS/HS Science Programs</b>				\$	<b>-</b>	\$ <b>-</b>
No scope in this category						
<b>6. JrHS/HS Electives Improvements</b>				\$	<b>-</b>	\$ <b>-</b>
Elective classrooms						
Moderate modernization	7,075	sf	\$ 159.00			
<b>7. Music, Drama &amp; Performing Arts Improvements</b>				\$	<b>-</b>	\$ <b>-</b>
Music lab classroom						
Lab classrooms, one story building	4,345	sf	\$ 530.00			
Site improvements surrounding building pad	4,345	sf	\$ 44.52			

SECTION 6



APPENDIX  
TOTAL PROGRAM COST: GROUP 1 AND 2 SCOPES



Construction Cost Summary

	Area	Unit	Unit Cost	Construction Cost Total	Sub-	Total Project Cost 25% (x 1.33)
<b>8. MPR, Student Union &amp; Food Service Improvements</b>				\$ -		\$ -
Multi-purpose rooms						
Moderate modernization	3,500	sf	\$ 185.50			
Reconfigure	1,750	sf	\$ 349.80			
MPR, one story building	1,925	sf	\$ 583.00		stage area	
Site improvements surrounding building pad	1,925	sf	\$ 44.52			
Food service						
Moderate modernization	1,750	sf	\$ 206.70			
New kitchen equipment, allowance	1,750	sf	\$ 79.50			
New trash enclosure	1	ea	\$ 53,000.00			
New lunch shelter	1,200	sf	\$ 106.00		shade sails	
<b>9. Physical Education Improvements</b>				\$ -		\$ -
No scope in this category						
<b>10. Staff and Community Support</b>				\$ -		\$ -
Staff work rooms						
Moderate modernization	1,050	sf	\$ 143.10			
Admin, one story building	660	sf	\$ 461.10			
Site improvements surrounding building pad	660	sf	\$ 44.52			
<b>11. Library &amp; Student Support Services</b>				\$ -		\$ -
Student services						
Classrooms, one story building	2,332	sf	\$ 461.10			
Site improvements surrounding building pad	2,332	sf	\$ 44.52			
<b>12. Safety and Security</b>				\$ 770,000		\$ 1,025,000
New concrete pedestrian paving	4,000	sf	\$ 19.08	\$ 76,320		
Decorative metal fencing and gates	340	lf	\$ 296.80	\$ 100,912		
Rolling decorative metal gate	3	ea	\$ 47,700.00	\$ 143,100		
New exterior lighting for student safety	1	ls	\$ 160,000.00	\$ 160,000		
New safety locks to existing classroom doors	50	ea	\$ 1,351.50	\$ 67,575		
New emergency signs and posts	1	ls	\$ 38,160.00	\$ 38,160		
New marquee sign	1	ea	\$ 21,200.00	\$ 21,200		
Low voltage upgrades						
Fire alarm system	15,125	sf	\$ 6.36			
New fire alarm head end equipment, allowance	1	ls	\$ 26,500.00			
Emergency lighting	15,125	sf	\$ 1.70	\$ 25,652		
PA / emergency communication systems	15,125	sf	\$ 9.01	\$ 136,276		
Intrusion alarms	15,125	sf	\$ 2.12	Excluded		
Other security systems	15,125	sf	\$ 2.54	Excluded	cameras	

Construction Cost Summary

	Area	Unit	Unit Cost	Construction Cost Total	Sub-	Total Project Cost 25% (x 1.33)
<b>13. Bike / Car Parking &amp; Drop-off</b>				\$ 799,000		\$ 1,063,000
Slurry and stripe existing parking lot	11,050	sf	\$ 4.24	\$ 46,852		
New parking lot	13,000	sf	\$ 19.08	\$ 248,040		
New drop-off area	10,000	sf	\$ 21.20	\$ 212,000		
Entry plaza upgrades	3,500	sf	\$ 30.74	\$ 107,590		
Bike parking incl. fencing and gates, AC paving and bike rack	8,800	sf	\$ 20.87	\$ 183,656		
<b>14. Outdoor Learning Courts, Quads &amp; Gardens</b>				\$ -		\$ -
New student quad	19,200	sf	\$ 20.67			
New learning courts	10,150	sf	\$ 27.56			
New student garden	2,400	sf	\$ 21.20			
<b>15. Exterior Play Spaces, Playfields &amp; Hardcourts</b>				\$ -		\$ -
Play yard and hardcourts						
Shade structure	1,200	sf	\$ 53.00			
Resurface and repair hardcourts	35,000	sf	\$ 6.36			
Repair playfields	243,800	sf	\$ 0.64		minor repair	
Baseball and softball fields						
New natural turf	24,200	sf	\$ 5.83			
New field equipment including bases and mounds	1	ea	\$ 25,440.00		new field @50%	
New backstop	1	ea	\$ 29,150.00			
Track, field and stadium						
New decomposed granite track	32,000	sf	\$ 4.77			
<b>16. Next Generation Learning Furniture</b>				\$ 928,000		\$ 928,000
Flexible furniture per classroom (direct cost)	35	ea	\$ 26,500.00	\$ 927,500		
<b>17. Technology Infrastructure &amp; Equipment</b>				\$ 963,000		\$ 963,000
Classroom tech package - smart boards, projector, project mounts, flat screen monitor, audio system, etc. (direct cost)	35	ea	\$ 12,720.00	\$ 445,200		
Upgrade backbone, wireless access points, and switches (direct cost)	55,745	sf	\$ 4.64	\$ 258,517		all CR's @ 50%
Upgrade fiber to support (direct cost)	55,745	sf	\$ 4.64	\$ 258,517		all CR's @ 50%
<b>TOTAL PROJECT COSTS (2018\$)</b>				\$ 3,500,000		\$ 4,034,000

SECTION 6



APPENDIX  
TOTAL PROGRAM COST: GROUP 1 AND 2 SCOPES



Construction Cost Summary

	Area	Unit	Unit Cost	Construction Cost Total	Sub-Total	Total Project Cost 25% (x 1.33)
<b>1. Modernize / Reconfigure Existing Classrooms</b>				\$ -		\$ -
No scope in this category						
<b>2. Existing Building Systems, Toilets and Improved Energy Efficiency</b>				\$ 46,000	\$ 19,875	\$ 62,000
Restroom upgrades						
Moderate modernization	875	sf	\$ 132.50			
Reconfigure	75	sf	\$ 265.00		19,875	gender neutral restroom at play fields
Restroom, one story building	625	sf	\$ 662.50			
Site improvements surrounding building pad	625	sf	\$ 44.52			
Replace drinking fountains with ADA fountains including bottle filler	5	ea	\$ 5,088.00		25,440	
<b>3. Site Utilities &amp; Infrastructure</b>				\$ -		\$ -
Based on entire campus area, upgrade existing utilities;						
Natural gas service	1,928,300	sf	\$ 0.04			mod. @ 10%
Sanitary sewer service	1,928,300	sf	\$ 0.08			mod. @ 10%
Domestic and fire water service	1,928,300	sf	\$ 0.11			mod. @ 10%
Electrical mains and distribution	1,928,300	sf	\$ 0.21			mod. @ 10%
Electrical capacity upgrades	1	ls	\$ 583,000.00			
<b>4. New Construction (Classrooms)</b>				\$ -		\$ -
Student collaboration lab						
Classrooms, two story building	5,586	sf	\$ 514.10			
Site improvements surrounding building pad	2,793	sf	\$ 44.52			
High school						
Remove portable classrooms	20	ea	\$ 12,720.00			
Demolish existing buildings	7,500	sf	\$ 26.50			
Classrooms, two story building	28,090	sf	\$ 526.82			
Site improvements surrounding building pad	14,045	sf	\$ 44.52			
<b>5. Elementary STEM &amp; JrHS/HS Science Programs</b>				\$ 12,984,000	\$ 590,950	\$ 17,269,000
Demolish existing buildings						
High school science and STEM labs	22,300	sf	\$ 26.50		590,950	
Lab classrooms, two story building	19,950	sf	\$ 598.90		11,948,055	
Site improvements surrounding building pad	9,975	sf	\$ 44.52		444,087	

Construction Cost Summary

	Area	Unit	Unit Cost	Construction Cost Total	Sub-Total	Total Project Cost 25% (x 1.33)
<b>6. JrHS/HS Electives Improvements</b>				\$ 6,865,000		\$ 9,131,000
Elective classrooms						
Minor modernization	13,400	sf	\$ 111.30			
Classrooms, one story building	1,650	sf	\$ 478.06			
Classrooms, two story building	12,502	sf	\$ 526.82		6,586,304	
Site improvements surrounding building pad	6,251	sf	\$ 44.52		278,295	
<b>7. Music, Drama &amp; Performing Arts Improvements</b>				\$ 659,000		\$ 877,000
Dance and drama classrooms						
Minor modernization	3,200	sf	\$ 111.30			
Structural upgrades	3,200	sf	\$ 16.05			
Theatre						
Minor modernization	10,800	sf	\$ 60.95		658,260	
<b>8. MPR, Student Union &amp; Food Service Improvements</b>				\$ -		\$ -
Food service						
Food service, one story building	300	sf	\$ 694.30			
Site improvements surrounding building pad	300	sf	\$ 44.52			
New lunch shelter	4,800	sf	\$ 106.00			
<b>9. Physical Education Improvements</b>				\$ 1,713,000		\$ 2,279,000
Remove portable classrooms						
PE / fitness rooms	2	ea	\$ 12,720.00			
Classrooms, one story building						
Classrooms, one story building	1,980	sf	\$ 478.06			
Site improvements surrounding building pad	1,980	sf	\$ 44.52			
Gymnasium						
Minor modernization	9,900	sf	\$ 116.60			
Structural upgrades	9,900	sf	\$ 16.05			
Gymnasium, one story building	3,000	sf	\$ 471.70			
Site improvements surrounding building pad	3,000	sf	\$ 44.52			
Locker rooms						
Moderate modernization	9,600	sf	\$ 185.50			
Structural upgrades	9,600	sf	\$ 16.05			
Locker rooms, one story building	2,640	sf	\$ 604.20		1,595,088	aquatic center
Site improvements surrounding building pad	2,640	sf	\$ 44.52		117,533	
Weight room						
Minor modernization	3,200	sf	\$ 111.30			
Structural upgrades	3,200	sf	\$ 16.05			

SECTION 6



APPENDIX  
TOTAL PROGRAM COST: GROUP 1 AND 2 SCOPES



Construction Cost Summary

	Area	Unit	Unit Cost	Construction Cost Total	Sub-Total	Total Project Cost 25% (x 1.33)
<b>10. Staff and Community Support</b>				\$ -		\$ -
Demolish existing buildings Administration	12,000	sf	\$ 26.50			
Admin, one story building	6,160	sf	\$ 461.10			
Site improvements surrounding building pad	6,160	sf	\$ 44.52			
Staff work rooms						
Admin, one story building	3,795	sf	\$ 461.10			
Admin, two story building	2,660	sf	\$ 508.80			
Site improvements surrounding building pad	5,125	sf	\$ 44.52			
<b>11. Library &amp; Student Support Services</b>				\$ -		\$ -
Remove portable classrooms	2	ea	\$ 12,720.00			
Demolish existing buildings	5,340	sf	\$ 26.50			
Student services						
Classrooms, one story building	9,680	sf	\$ 461.10			
Classrooms, two story building	2,554	sf	\$ 508.80			
Site improvements surrounding building pad	10,957	sf	\$ 44.52			
<b>12. Safety and Security</b>				\$ 2,259,000		\$ 3,005,000
Repair concrete pedestrian paving	2,000	sf	\$ 11.66	\$ 23,320		back entry by gym
New covered walkways	700	sf	\$ 106.00			
Decorative metal fencing and gates	610	lf	\$ 296.80	\$ 181,048		
Rolling decorative metal gate	3	ea	\$ 47,700.00	\$ 143,100		
New exterior lighting for student safety	1	ls	\$ 240,000.00	\$ 240,000		
New safety locks to existing classroom doors	130	ea	\$ 1,351.50	\$ 175,695		
New emergency signs and posts	1	ls	\$ 95,400.00	\$ 95,400		
New marquee sign	1	ea	\$ 21,200.00	\$ 21,200		
Low voltage upgrades						
Fire alarm system	128,775	sf	\$ 6.36			
New fire alarm head end equipment, allowance	1	ls	\$ 26,500.00			
Emergency lighting	128,775	sf	\$ 1.70	\$ 218,402		
PA / emergency communication systems	128,775	sf	\$ 9.01	\$ 1,160,263		
Intrusion alarms	128,775	sf	\$ 2.12	Excluded		
Other security systems	128,775	sf	\$ 2.54	Excluded		cameras
<b>13. Bike / Car Parking &amp; Drop-off</b>				\$ 162,000		\$ 216,000
Entry plaza upgrades	4,400	sf	\$ 30.74			
Bike parking incl. fencing and gates, AC paving and bike rack	7,750	sf	\$ 20.87	\$ 161,743		

Construction Cost Summary

	Area	Unit	Unit Cost	Construction Cost Total	Sub-Total	Total Project Cost 25% (x 1.33)
<b>14. Outdoor Learning Courts, Quads &amp; Gardens</b>				\$ -		\$ -
New student quad	28,000	sf	\$ 23.43			
New learning courts	3,750	sf	\$ 27.56			
Repair student quad	19,600	sf	\$ 5.86			
New student garden	7,000	sf	\$ 10.60			new at 50%
<b>15. Exterior Play Spaces, Playfields &amp; Hardcourts</b>				\$ 5,750,000		\$ 7,648,000
New aquatic center	1	ls	\$ 5,750,000.00	\$ 5,750,000		
<b>16. Next Generation Learning Furniture</b>				\$ 2,120,000		\$ 2,120,000
Flexible furniture per classroom (direct cost)	80	ea	\$ 26,500.00	\$ 2,120,000		
<b>17. Technology Infrastructure &amp; Equipment</b>				\$ 2,211,988		\$ 2,212,000
Classroom tech package - smart boards, projector, project mounts, flat screen monitor, audio system, etc. (direct cost)	80	ea	\$ 12,720.00	\$ 1,017,600		
Upgrade backbone, wireless access points, and switches (direct cost)	128,775	sf	\$ 4.64	\$ 597,194		all CR's @ 50%
Upgrade fiber to support (direct cost)	128,775	sf	\$ 4.64	\$ 597,194		all CR's @ 50%
<b>TOTAL PROJECT COSTS (2018\$)</b>				\$ 34,769,000		\$ 44,819,000

SECTION 6



APPENDIX  
TOTAL PROGRAM COST: GROUP 1 AND 2 SCOPES



Construction Cost Summary

	Area	Unit	Unit Cost	Construction Cost Total	Sub-Total	Total Project Cost 25% (x 1.33)
<b>1. Modernize / Reconfigure Existing Classrooms</b>				\$ -		\$ -
Existing classrooms (MEP scope covered in Section C)						
Walls						
Replace existing walls	960	sf	\$ 21.20			
Repair existing walls	9,600	sf	\$ 5.30			
Windows						
Replace existing windows	10,560	sf	\$ 53.66			includes clerestory
Doors						
Replace existing doors	960	sf	\$ 15.90			
Repair existing doors	9,600	sf	\$ 5.30			
Floors						
Replace existing floors	10,560	sf	\$ 17.49			
Ceilings						
Replace existing ceilings	960	sf	\$ 26.50			
Repair existing ceilings	9,600	sf	\$ 13.25			
Exteriors						
Patch, repair and paint	10,560	sf	\$ 5.30			
Refurbish covered walkways	4,320	sf	\$ 35.00			
ADA upgrades, allowance	10,560	sf	\$ 3.00			
<b>2. Existing Building Systems, Toilets and Improved Energy Efficiency</b>				\$ 41,000		\$ 55,000
Restroom upgrades						
Moderate modernization	950	sf	\$ 132.50			
Reconfigure	75	sf	\$ 265.00	\$ 19,875		gender neutral restroom
Restroom, one story building	495	sf	\$ 662.50			
Site improvements surrounding building pad	495	sf	\$ 44.52			
Building systems						
EMS systems upgrades	17,895	sf	\$ 7.95			
Lighting and controls upgrades	17,895	sf	\$ 21.20			
Convenience power upgrades	17,895	sf	\$ 6.89			
Replace drinking fountains with ADA fountains including bottle filler	4	ea	\$ 5,088.00	\$ 20,352		
<b>3. Site Utilities &amp; Infrastructure</b>				\$ 483,000		\$ 643,000
Based on entire campus area, upgrade existing utilities;						
Sanitary sewer service	359,000	sf	\$ 0.21			mod. at 25%
Electrical mains and distribution	359,000	sf	\$ 0.53	\$ 191,221		mod. at 25%
Electrical capacity upgrades	1	ls	\$ 291,500.00	\$ 291,500		

Construction Cost Summary

	Area	Unit	Unit Cost	Construction Cost Total	Sub-Total	Total Project Cost 25% (x 1.33)
<b>4. New Construction (Classrooms)</b>				\$ 5,711,000		\$ 7,596,000
Student collaboration lab						
Classrooms, two story building	1,397	sf	\$ 514.10			
Site improvements surrounding building pad	698	sf	\$ 44.52			
High school						
Remove portable classrooms	8	ea	\$ 12,720.00	\$ 101,760		
Classrooms, two story building	10,214	sf	\$ 526.82	\$ 5,381,150		
Site improvements surrounding building pad	5,107	sf	\$ 44.52	\$ 227,373		
<b>5. Elementary STEM &amp; JrHS/HS Science Programs</b>				\$ 1,734,000		\$ 2,307,000
Remove portable classrooms						
	2	ea	\$ 12,720.00	\$ 25,440		
Middle science and STEM labs						
Reconfigure	1,800	sf	\$ 318.00			
Lab classrooms, one story building	2,750	sf	\$ 545.90			
Site improvements surrounding building pad	2,750	sf	\$ 44.52			
High school science and STEM labs						
Lab classrooms, two story building	2,750	sf	\$ 598.90	\$ 1,646,975		
Site improvements surrounding building pad	1,375	sf	\$ 44.52	\$ 61,215		
<b>6. JrHS/HS Electives Improvements</b>				\$ 1,973,000		\$ 2,625,000
Elective classrooms						
Classrooms, two story building	3,593	sf	\$ 526.82	\$ 1,892,864		
Site improvements surrounding building pad	1,797	sf	\$ 44.52	\$ 79,980		
<b>7. Music, Drama &amp; Performing Arts Improvements</b>				\$ -		\$ -
Music lab classroom						
Lab classrooms, one story building	1,320	sf	\$ 530.00			
Site improvements surrounding building pad	1,320	sf	\$ 44.52			
<b>8. MPR, Student Union &amp; Food Service Improvements</b>				\$ -		\$ -
Food service						
Reconfigure	600	sf	\$ 418.70			
New kitchen equipment, allowance	600	sf	\$ 79.50			
New trash enclosure	1	ea	\$ 53,000.00			
New lunch shelter	1,200	sf	\$ 106.00			

SECTION 6



APPENDIX  
TOTAL PROGRAM COST: GROUP 1 AND 2 SCOPES





Construction Cost Summary

	Area	Unit	Unit Cost	Construction Cost Total	Sub-Total	Total Project Cost 25% (x 1.33)
<b>9. Physical Education Improvements</b>				\$ -		\$ -
PE / fitness rooms						
Classrooms, one story building	1,348	sf	\$ 478.06			
Site improvements surrounding building pad	1,348	sf	\$ 44.52			
Gymnasium						
Gymnasium, one story building	7,700	sf	\$ 471.70			
Site improvements surrounding building pad	7,700	sf	\$ 44.52			
Locker rooms						
Locker rooms, one story building	2,310	sf	\$ 604.20			
Site improvements surrounding building pad	2,310	sf	\$ 44.52			
<b>10. Staff and Community Support</b>				\$ -		\$ -
Administration						
Reconfigure	2,400	sf	\$ 270.30			
Staff work rooms						
Admin, one story building	396	sf	\$ 461.10			
Site improvements surrounding building pad	396	sf	\$ 44.52			
<b>11. Library &amp; Student Support Services</b>				\$ -		\$ -
Student services						
Reconfigure	1,585	sf	\$ 270.30			
Classrooms, two story building	1,476	sf	\$ 508.80			
Site improvements surrounding building pad	738	sf	\$ 44.52			
<b>12. Safety and Security</b>				\$ 956,000		\$ 1,272,000
Repair concrete pedestrian paving	5,500	sf	\$ 11.66	\$ 64,130		
New covered walkways	2,250	sf	\$ 106.00			
Decorative metal fencing and gates	215	lf	\$ 296.80	\$ 63,812		
Rolling decorative metal gate	3	ea	\$ 47,700.00	\$ 143,100		
New exterior lighting for student safety	1	ls	\$ 240,000.00	\$ 240,000		
New safety locks to existing classroom doors	25	ea	\$ 1,351.50	\$ 33,788		
New emergency signs and posts	1	ls	\$ 57,240.00	\$ 57,240		
New marquee sign	1	ea	\$ 21,200.00	\$ 21,200		
Low voltage upgrades						
Fire alarm system	17,895	sf	\$ 6.36	\$ 113,812		
New fire alarm head end equipment, allowance	1	ls	\$ 26,500.00	\$ 26,500		
Emergency lighting	17,895	sf	\$ 1.70	\$ 30,350		
PA / emergency communication systems	17,895	sf	\$ 9.01	\$ 161,234		
Intrusion alarms	17,895	sf	\$ 2.12	Excluded		
Other security systems	17,895	sf	\$ 2.54	Excluded	cameras	

Construction Cost Summary

	Area	Unit	Unit Cost	Construction Cost Total	Sub-Total	Total Project Cost 25% (x 1.33)
<b>13. Bike / Car Parking &amp; Drop-off</b>				\$ 516,000		\$ 687,000
New parking lot	17,500	sf	\$ 19.08	\$ 333,900		
New concrete pedestrian paving	2,600	sf	\$ 19.08	\$ 49,608		
Entry plaza upgrades	2,400	sf	\$ 30.74	\$ 73,776		
Bike parking incl. fencing and gates, AC paving and bike racks	2,800	sf	\$ 20.87	\$ 58,436		
<b>14. Outdoor Learning Courts, Quads &amp; Gardens</b>				\$ -		\$ -
New student quad	9,900	sf	\$ 27.56			
New learning courts	9,000	sf	\$ 27.56			
<b>15. Exterior Play Spaces, Playfields &amp; Hardcourts</b>				\$ -		\$ -
Play yard and hardcourts						
New hardcourts	29,900	sf	\$ 12.72			
New basketball courts and hoops	6	ea	\$ 5,830.00			
Repair playfields	69,000	sf	\$ 1.59			minor repairs
Baseball and softball fields						
New backstop	1	ea	\$ 29,150.00			
New bike path	3,000	sf	\$ 21.06			
<b>16. Next Generation Learning Furniture</b>				\$ 663,000		\$ 663,000
Flexible furniture per classroom (direct cost)	25	ea	\$ 26,500.00	\$ 662,500		
<b>17. Technology Infrastructure &amp; Equipment</b>				\$ 650,000		\$ 650,000
Classroom tech package - smart boards, projector, project mounts, flat screen monitor, audio system, etc. (direct cost)	25	ea	\$ 12,720.00	\$ 318,000		
Upgrade backbone, wireless access points, and switches (direct cost)	17,895	sf	\$ 9.28	\$ 165,976		
Upgrade fiber to support (direct cost)	17,895	sf	\$ 9.28	\$ 165,976		
<b>TOTAL PROJECT COSTS (2018\$)</b>				\$ 12,726,000		\$ 16,498,000

SECTION 6



APPENDIX  
TOTAL PROGRAM COST: GROUP 1 AND 2 SCOPES



Construction Cost Summary

	Area	Unit	Unit Cost	Construction Cost Total	Sub-Total	Total Project Cost 25% (x 1.33)
<b>1. Modernize / Reconfigure Existing Classrooms</b>				\$ -		\$ -
No scope in this category						
<b>2. Existing Building Systems, Toilets and Improved Energy Efficiency</b>				\$ 36,000		\$ 48,000
Restroom upgrades						
Reconfigure	75	sf	\$ 265.00	\$ 19,875	gender neutral restroom	
Replace drinking fountains with ADA fountains including bottle filler	3	ea	\$ 5,088.00	\$ 15,264		
<b>3. Site Utilities &amp; Infrastructure</b>				\$ -		\$ -
No scope in this category						
<b>4. New Construction (Classrooms)</b>				\$ -		\$ -
No scope in this category						
<b>5. Elementary STEM &amp; JrHS/HS Science Programs</b>				\$ -		\$ -
No scope in this category						
<b>6. JrHS/HS Electives Improvements</b>				\$ -		\$ -
Minor modernization	300	sf	\$ 111.30		shop canopy	
<b>7. Music, Drama &amp; Performing Arts Improvements</b>				\$ -		\$ -
No scope in this category						
<b>8. MPR, Student Union &amp; Food Service Improvements</b>				\$ -		\$ -
Food service						
Minor modernization	300	sf	\$ 148.40		food service	
Trash enclosure canopy	150	sf	\$ 75.00		enclosure cover	
<b>9. Physical Education Improvements</b>				\$ -		\$ -
Weight room						
Minor modernization	400	sf	\$ 55.65		HVAC only	
<b>10. Staff and Community Support</b>				\$ -		\$ -
No scope in this category						
<b>11. Library &amp; Student Support Services</b>				\$ -		\$ -
No scope in this category						

Construction Cost Summary

	Area	Unit	Unit Cost	Construction Cost Total	Sub-Total	Total Project Cost 25% (x 1.33)
<b>12. Safety and Security</b>				\$ 31,000		\$ 42,000
New safety locks to existing classroom doors						
	7	ea	\$ 1,351.50	\$ 9,461		
New marquee sign						
	1	ea	\$ 21,200.00	\$ 21,200		
<b>13. Bike / Car Parking &amp; Drop-off</b>				\$ -		\$ -
No scope in this category						
<b>14. Outdoor Learning Courts, Quads &amp; Gardens</b>				\$ -		\$ -
No scope in this category						
<b>15. Exterior Play Spaces, Playfields &amp; Hardcourts</b>				\$ -		\$ -
No scope in this category						
<b>16. Next Generation Learning Furniture</b>				\$ -		\$ -
Flexible furniture per classroom (direct cost)						
	5	ea	\$ 26,500.00			
<b>17. Technology Infrastructure &amp; Equipment</b>				\$ 197,000		\$ 197,000
Classroom tech package - smart boards, projector, project mounts, flat screen monitor, audio system, etc. (direct cost)						
	5	ea	\$ 12,720.00	\$ 63,600		
Upgrade backbone, wireless access points, and switches (direct cost)						
	7,150	sf	\$ 9.28	\$ 66,316		
Upgrade fiber to support (direct cost)						
	7,150	sf	\$ 9.28	\$ 66,316		
<b>TOTAL PROJECT COSTS (2018\$)</b>				\$ 264,000		\$ 287,000

SECTION 6



APPENDIX  
TOTAL PROGRAM COST: GROUP 1 AND 2 SCOPES



Construction Cost Summary

	Area	Unit	Unit Cost	Construction Cost Total	Sub-Total	Total Project Cost 25% (x 1.33)
<b>1. Modernize / Reconfigure Existing Classrooms</b>				\$ -		\$ -
No scope in this category						
<b>2. Existing Building Systems, Toilets and Improved Energy Efficiency</b>				\$ -		\$ -
No scope in this category						
<b>3. Site Utilities &amp; Infrastructure</b>				\$ -		\$ -
No scope in this category						
<b>4. New Construction (Classrooms)</b>				\$ -		\$ -
No scope in this category						
<b>5. Elementary STEM &amp; JrHS/HS Science Programs</b>				\$ -		\$ -
No scope in this category						
<b>6. JrHS/HS Electives Improvements</b>				\$ -		\$ -
No scope in this category						
<b>7. Music, Drama &amp; Performing Arts Improvements</b>				\$ -		\$ -
No scope in this category						
<b>8. MPR, Student Union &amp; Food Service Improvements</b>				\$ -		\$ -
No scope in this category						
<b>9. Physical Education Improvements</b>				\$ -		\$ -
No scope in this category						
<b>10. Staff and Community Support</b>				\$ 1,500,000		\$ 1,995,000
DSIS and District Office Modernization, quarter per DJUSD				1	ls \$ 3,000,000.00	\$ 3,000,000 at 50%
<b>11. Library &amp; Student Support Services</b>				\$ -		\$ -
No scope in this category						
<b>12. Safety and Security</b>				\$ -		\$ -
No scope in this category						
<b>13. Bike / Car Parking &amp; Drop-off</b>				\$ -		\$ -
No scope in this category						

Construction Cost Summary

	Area	Unit	Unit Cost	Construction Cost Total	Sub-Total	Total Project Cost 25% (x 1.33)
<b>14. Outdoor Learning Courts, Quads &amp; Gardens</b>				\$ -		\$ -
No scope in this category						
<b>15. Exterior Play Spaces, Playfields &amp; Hardcourts</b>				\$ -		\$ -
No scope in this category						
<b>16. Next Generation Learning Furniture</b>				\$ -		\$ -
No scope in this category						
<b>17. Technology Infrastructure &amp; Equipment</b>				\$ -		\$ -
No scope in this category						
<b>TOTAL PROJECT COSTS (2018\$)</b>				\$ 2,250,000		\$ 1,995,000

SECTION 6



APPENDIX  
TOTAL PROGRAM COST: GROUP 1 AND 2 SCOPES



Construction Cost Summary

	Area	Unit	Unit Cost	Construction Cost Total	Sub-Total	Total Project Cost 25% (x 1.33)
<b>1. Modernize / Reconfigure Existing Classrooms</b>				\$ -		\$ -
No scope in this category						
<b>2. Existing Building Systems, Toilets and Improved Energy Efficiency</b>				\$ 36,000		\$ 48,000
Restroom upgrades						
Reconfigure	75	sf	\$ 265.00	\$ 19,875		gender neutral restroom
Replace drinking fountains with ADA fountains including bottle filler	3	ea	\$ 5,088.00	\$ 15,264		
<b>3. Site Utilities &amp; Infrastructure</b>				\$ 405,000		\$ 539,000
Based on entire campus area, upgrade existing utilities;						
Natural gas service	73,200	sf	\$ 0.42	\$ 31,037		
Sanitary sewer service	73,200	sf	\$ 0.85	\$ 62,074		
Domestic and fire water service	73,200	sf	\$ 1.06	\$ 77,592		
Electrical mains and distribution	73,200	sf	\$ 2.13	\$ 155,960		
Storm drain service	73,200	sf	\$ 1.06	\$ 77,592		
<b>4. New Construction (Classrooms)</b>				\$ 4,014,000		\$ 5,339,000
Pre-school and kindergarten						
Classrooms, one story building	11,520	sf	\$ 303.85	\$ 3,500,340		modular bldg's
Site improvements surrounding building pad	11,520	sf	\$ 44.52	\$ 512,870		
<b>5. Elementary STEM &amp; JrHS/HS Science Programs</b>				\$ -		\$ -
No scope in this category						
<b>6. JrHS/HS Electives Improvements</b>				\$ -		\$ -
No scope in this category						
<b>7. Music, Drama &amp; Performing Arts Improvements</b>				\$ -		\$ -
No scope in this category						
<b>8. MPR, Student Union &amp; Food Service Improvements</b>				\$ -		\$ -
No scope in this category						
<b>9. Physical Education Improvements</b>				\$ -		\$ -
No scope in this category						

Construction Cost Summary

	Area	Unit	Unit Cost	Construction Cost Total	Sub-Total	Total Project Cost 25% (x 1.33)
<b>10. Staff and Community Support</b>				\$ 992,000		\$ 1,320,000
Administration						
Admin, one story building	1,920	sf	\$ 299.72	\$ 575,453		modular bldg
Site improvements surrounding building pad	1,920	sf	\$ 44.52	\$ 85,478		
Staff work rooms						
Admin, one story building	960	sf	\$ 299.72	\$ 287,726		modular bldg
Site improvements surrounding building pad	960	sf	\$ 44.52	\$ 42,739		
<b>11. Library &amp; Student Support Services</b>				\$ 729,000		\$ 970,000
Student services						
Classrooms, one story building	1,440	sf	\$ 461.10	\$ 663,984		
Site improvements surrounding building pad	1,440	sf	\$ 44.52	\$ 64,109		
<b>12. Safety and Security</b>				\$ 196,000		\$ 261,000
Decorative metal fencing and gates						
Decorative metal fencing and gates	155	lf	\$ 296.80	\$ 46,004		
Rolling decorative metal gate	1	ea	\$ 47,700.00	\$ 47,700		
New exterior lighting for student safety	1	ls	\$ 42,400.00	\$ 42,400		
New emergency signs and posts	1	ls	\$ 38,160.00	\$ 38,160		
New marquee sign	1	ea	\$ 21,200.00	\$ 21,200		
<b>13. Bike / Car Parking &amp; Drop-off</b>				\$ 416,000		\$ 554,000
New parking lot						
New parking lot	14,300	sf	\$ 19.08	\$ 272,844		
New drop-off area						
New drop-off area	4,000	sf	\$ 21.20	\$ 84,800		
New concrete pedestrian paving						
New concrete pedestrian paving	1,000	sf	\$ 19.08	\$ 19,080		
Entry plaza upgrades						
Entry plaza upgrades	1,250	sf	\$ 30.74	\$ 38,425		
<b>14. Outdoor Learning Courts, Quads &amp; Gardens</b>				\$ -		\$ -
No scope in this category						
<b>15. Exterior Play Spaces, Playfields &amp; Hardcourts</b>				\$ 246,000		\$ 328,000
Pre-school and kindergarten play yard						
New rubber surfacing	1,500	sf	\$ 23.32	\$ 34,980		
Play apparatus	1	ea	\$ 81,620.00	\$ 81,620		
Shade structure	1,200	sf	\$ 53.00	\$ 63,600		
New hardcourts	5,100	sf	\$ 12.72	\$ 64,872		
<b>16. Next Generation Learning Furniture</b>				\$ -		\$ -
No scope in this category						

SECTION 6



APPENDIX  
TOTAL PROGRAM COST: GROUP 1 AND 2 SCOPES



Construction Cost Summary

	Area	Unit	Unit Cost	Construction Cost Total	Sub-Total	Total Project Cost 25% (x 1.33)
17. Technology Infrastructure & Equipment No scope in this category				\$ -		\$ -
<b>TOTAL PROJECT COSTS (2018\$)</b>				\$ 7,031,000		\$ 9,359,000

Construction Cost Summary

	Area	Unit	Unit Cost	Construction Cost Total	Sub-Total	Total Project Cost 25% (x 1.33)
1. Modernize / Reconfigure Existing Classrooms No scope in this category				\$ -		\$ -
2. Existing Building Systems, Toilets and Improved Energy Efficiency No scope in this category				\$ -		\$ -
3. Site Utilities & Infrastructure No scope in this category				\$ -		\$ -
4. New Construction (Classrooms) No scope in this category				\$ -		\$ -
5. Elementary STEM & JrHS/HS Science Programs No scope in this category				\$ -		\$ -
6. JrHS/HS Electives Improvements No scope in this category				\$ -		\$ -
7. Music, Drama & Performing Arts Improvements No scope in this category				\$ -		\$ -
8. MPR, Student Union & Food Service Improvements				\$ 790,000		\$ 1,051,000
Remove portable classrooms		1 ea	\$ 12,720.00	\$ 12,720		
Multi-purpose rooms						
MPR, one story building	1,238	sf	\$ 583.00	\$ 721,463		
Site improvements surrounding building pad	1,238	sf	\$ 44.52	\$ 55,094		
9. Physical Education Improvements No scope in this category				\$ -		\$ -
10. Staff and Community Support				\$ 639,000		\$ 850,000
Remove portable classrooms		1 ea	\$ 12,720.00	\$ 12,720		
Administration						
Admin, one story building	990	sf	\$ 461.10	\$ 456,489		
Site improvements surrounding building pad	990	sf	\$ 44.52	\$ 44,075		
Staff work rooms						
Admin, one story building	248	sf	\$ 461.10	\$ 114,122		
Site improvements surrounding building pad	248	sf	\$ 44.52	\$ 11,019		

SECTION 6



APPENDIX  
TOTAL PROGRAM COST: GROUP 1 AND 2 SCOPES



Construction Cost Summary

	Area	Unit	Unit Cost	Construction Cost Total	Sub-Total	Total Project Cost 25% (x 1.33)
<b>11. Library &amp; Student Support Services</b>				\$ -	\$ -	\$ -
No scope in this category						
<b>12. Safety and Security</b>				\$ -	\$ -	\$ -
No scope in this category						
<b>13. Bike / Car Parking &amp; Drop-off</b>				\$ -	\$ -	\$ -
No scope in this category						
<b>14. Outdoor Learning Courts, Quads &amp; Gardens</b>				\$ -	\$ -	\$ -
No scope in this category						
<b>15. Exterior Play Spaces, Playfields &amp; Hardcourts</b>				\$ -	\$ -	\$ -
No scope in this category						
<b>16. Next Generation Learning Furniture</b>				\$ -	\$ -	\$ -
No scope in this category						
<b>17. Technology Infrastructure &amp; Equipment</b>				\$ -	\$ -	\$ -
No scope in this category						
<b>TOTAL PROJECT COSTS (2018\$)</b>				\$ 1,429,000	\$ 1,901,000	\$ 1,901,000

## SECTION 6



# APPENDIX TOTAL PROGRAM COST: GROUP 1 AND 2 SCOPES





October 25, 2017

**SFMPAC MEETING MINUTES #1**  
 DAVIS JOINT UNIFIED SCHOOL DISTRICT | FACILITIES MASTER PLAN  
 LPA PROJECT NO.: 17173.10

**DATE:** October 17, 2017  
**TIME:** 06:00pm – 8:00pm  
**PLACE:** Harper J. MS

This report of the meeting's events, if not corrected within seven days of transmittal, shall be acknowledged as accurate and deemed as if accepted in writing by the addressee(s).

PRESENT	DISTRIBUTION	CONSULTANTS
See attached sign in Sheet	All Present	None

**DISCUSSION ITEMS**

ACTION	ITEM NO.	
LPA/DJUSD	1.01	Introductions and Committee Welcome
LPA	1.02	<ul style="list-style-type: none"> <li>LPA Team and Process Overview</li> </ul>
DJUSD	1.03	<ul style="list-style-type: none"> <li>"If You Could Dream" Goal-Setting Activity</li> </ul>
LPA	1.04	<ul style="list-style-type: none"> <li>Present Back</li> </ul>
LPA	1.05	Defining Success-Round Table Discussion <ul style="list-style-type: none"> <li>Vision is implementable</li> <li>process is transparent and aligned with community</li> <li>Increase engagement of students</li> <li>Process transparent</li> <li>Most needy schools</li> <li>Community buy in &amp; understanding: students, teachers, parents</li> <li>Community says how can we not do this</li> <li>Opportunity of for next generation</li> <li>Compassion and thoughtful</li> <li>Vision that integrates nature and built environment for learning</li> <li>A school bond that passes</li> <li>Student driven, what do kid's need</li> <li>Students first buy-in</li> <li>Diversity</li> <li>Make sure it can be paid for</li> </ul>

ACTION	ITEM NO.	
		<ul style="list-style-type: none"> <li>Indoor &amp; Outdoor learning</li> <li>Social and emotional needs</li> <li>Get stakeholder support beyond school district</li> <li>Process brings everyone together vision for future to pass bond</li> <li>Learning environment where everyone wants to spend more time in</li> <li>Results in neighborhood loving neighborhood schools</li> <li>Inspire curiosity and inquiry for children and their children</li> <li>Clear and unanimous vision for next two generations w/ out impediment</li> <li>Truly a community project</li> <li>Inclusive and practical</li> <li>School Hub of community involve all stakeholders</li> <li>Immediate improve learning</li> <li>Student and teacher centered</li> <li>workable and creative</li> </ul>
LPA	1.06	Committee Questions and Next Steps <ul style="list-style-type: none"> <li>Facebook is main point of communication that community utilizes to receive information from DJUSD</li> <li>Send SFMPAC #1 power point to SFMPAC members and post on DJUSD website</li> </ul>
	2.07	<u>Next SFMPAC Meeting</u> <ul style="list-style-type: none"> <li>Nov. 14 6pm-8pm at DJUSD Office; Agenda: Educational Program Opportunities</li> <li>Submitted by: Ben McGuirel</li> </ul>

**SECTION 6**



**APPENDIX SFMPAC MEETING MINUTES #1**



Superintendent FACILITIES MASTER PLAN ADVISORY COMMITTEE

NAME	EMAIL
Annie Nelson	annelson@djUSD.net
Mary Tallan	mtallan@djUSD.net
RHONDA BROOKS	RBYRDWOMAN@YAHOO.COM
Cindy Maxwell	Cmaxwell@DJUSD.NET
Jennie Singer	jsinger@csus.edu
John Bowes	jbowes@djUSD.net
Joe DiNunzio	joe@dinunzio.com
Lori Dusenbery	lori.dusenbery@skcglobal.net
Ann M. Evans for Olivia Beck	ann@annm.evans.com info@davisfamtoschool.org
Barbara Archer	barcher@djUSD.net
Simon Pitfield	davispentathlon@gmail.com
Jeff Lorenson	Jlorenson@djUSD.net
Brian Williams	brian@andcheese.org
Bob Poppenga	bpoppenga@djUSD.net
Eric Bastin	ebastin@djUSD.net
Eric Hays	ehays@gmail.com
J. Knight	jknight@djUSD.net
Carlette Hartsough	chartough@djUSD.net
Rena Nayyar	rnayyar@djUSD.net
Dianna Huculak	dhuculak@djUSD.net
Nieves Vicente	nieves-ronald@T-online.de
Christina Blackman	ceo@davischamber.com
Don Palm	PALM@SEC.LOS4101.EDU
Grace Osborne	Grace_Osborne@pacbell.net

Name	Email
Mabel Salam	masala@ucdavis.edu
Kathy Roggenbuck	kroggenbuck@djUSD.net
GRAVINE, ANNE	gravine@den.org

SECTION 6



TEAM YORK

- Concerns \* Fiscally Responsible  
\* Substance Not appearance and Student
- + Vision - dream: Realistic... centered  
(have done process a while back... then told too expensive)
- \* Transparency - all stakeholders - <sup>all staff, teachers,</sup> Parents
- Practical - No write on Walls at Junior High + Senior High (dealing with teens)

- Basic Needs a Priority  
heating  
AC  
Air Quality  
Shade Structures for all levels  
Desks - Solid, don't break  
Flexible Orientation  
**WATER in ALL Science Labs**  
Special Needs Children - Physical Space - Ramps,

- Environment  
Carbon - Water Neutral  
Must have staff to maintain

- Priorities  
\* Student centered  
\* Campus with the Most needs  
Prioritized

- Healthy Environment  
Roofs - Leaks - molds a Problem

- Diverse Technology Options  
Keep Quiet study spaces + Library

- Facilities  
Trade +  
For Vocational learning Programs -  
(CNA, Auto tech, Wood Shop, Culinar, welding, etc.)  
Focus for those that are

TEAM MILITARY

Spans bring

- Schools + community together  
=> Mesh

---

- Built + landscaped environment done  
Sustainably  
-> open architecture  
-> landscape sustainable  
-> student farm / nature center

## SECTION 6

○ Cooking kitchen in  
every site

- Multi-uses

○ MPR - consider broad  
uses → e.g. fencing  
competitions

Pentathlon Community Park  
for whole city

→ Rev generation(?)

→ Grant sponsor

⇓  
• Drive community involvement  
• Intergenerational involvement

○ Pool - Athletics, PE  
↑  
Competition-size Revenue  
generation  
Funding USA Swimming

○ 2nd Gymnasium → serve school  
and community

→ STEM Building

→ Large spaces for CTE

→ Computer coding

x Gathering space for  
entire student population  
→ everyone welcome +

Inclusion belong

## SECTION 6

o Tech in classroom  
to support differentiation

- all spaces support  
use of technology

---

o Project-based learning  
spaces → support  
team learning

- On Vincennes
- At all schools

---

Everyone has their  
special thing / space

o Maker-spaces

→ all students should  
have hands-on experiences

→ Physical manipulation of  
objects

→ Design / build

---

All Facilities up to code

⇒ Compliance

## SECTION 6

TEAM  
KITKAT

OVERHANGS  
OUTSIDE OF CLASSROOMS  
SOLAR

REPURPOSE  
DISTRICT OFFICE

SHADED  
OUTDOOR EATING  
AREAS

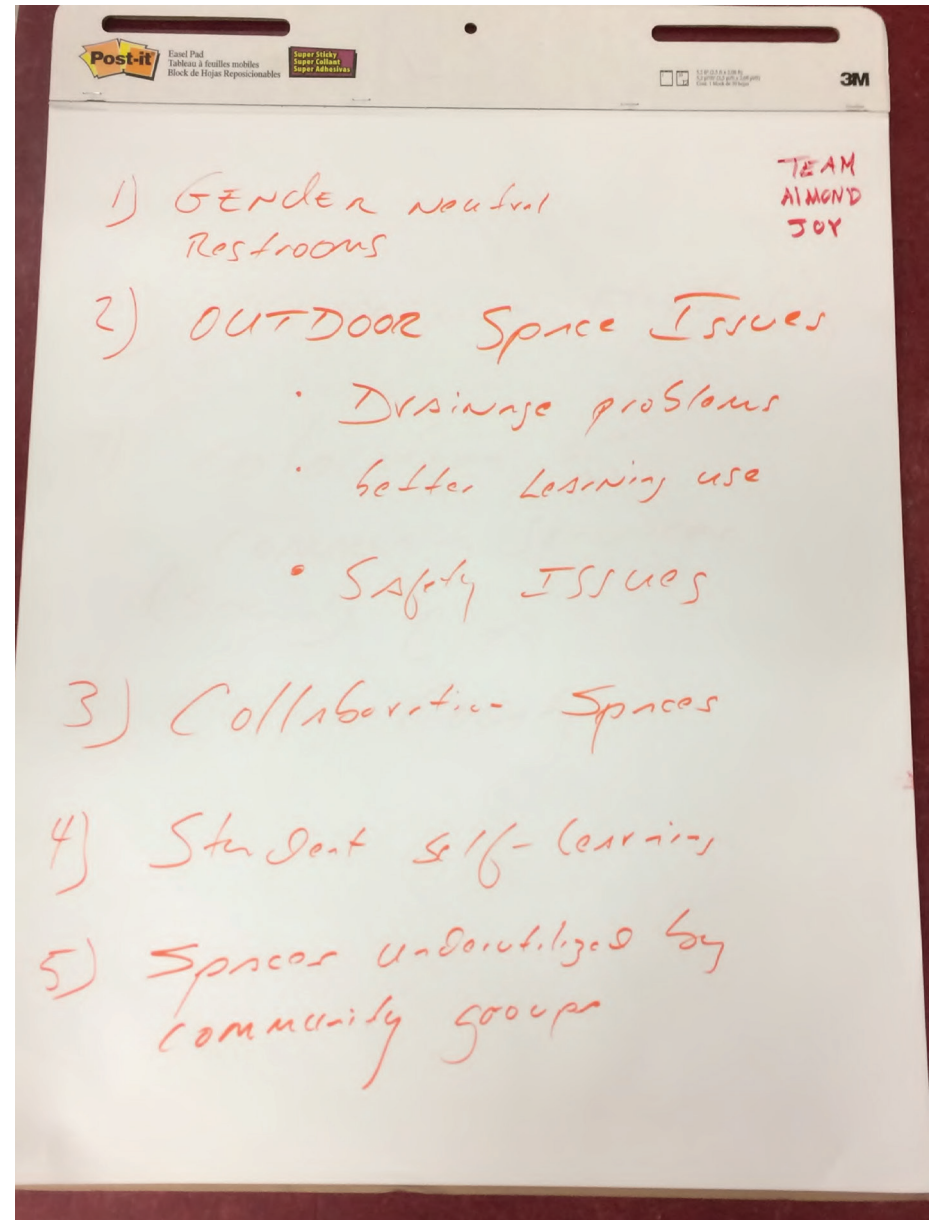
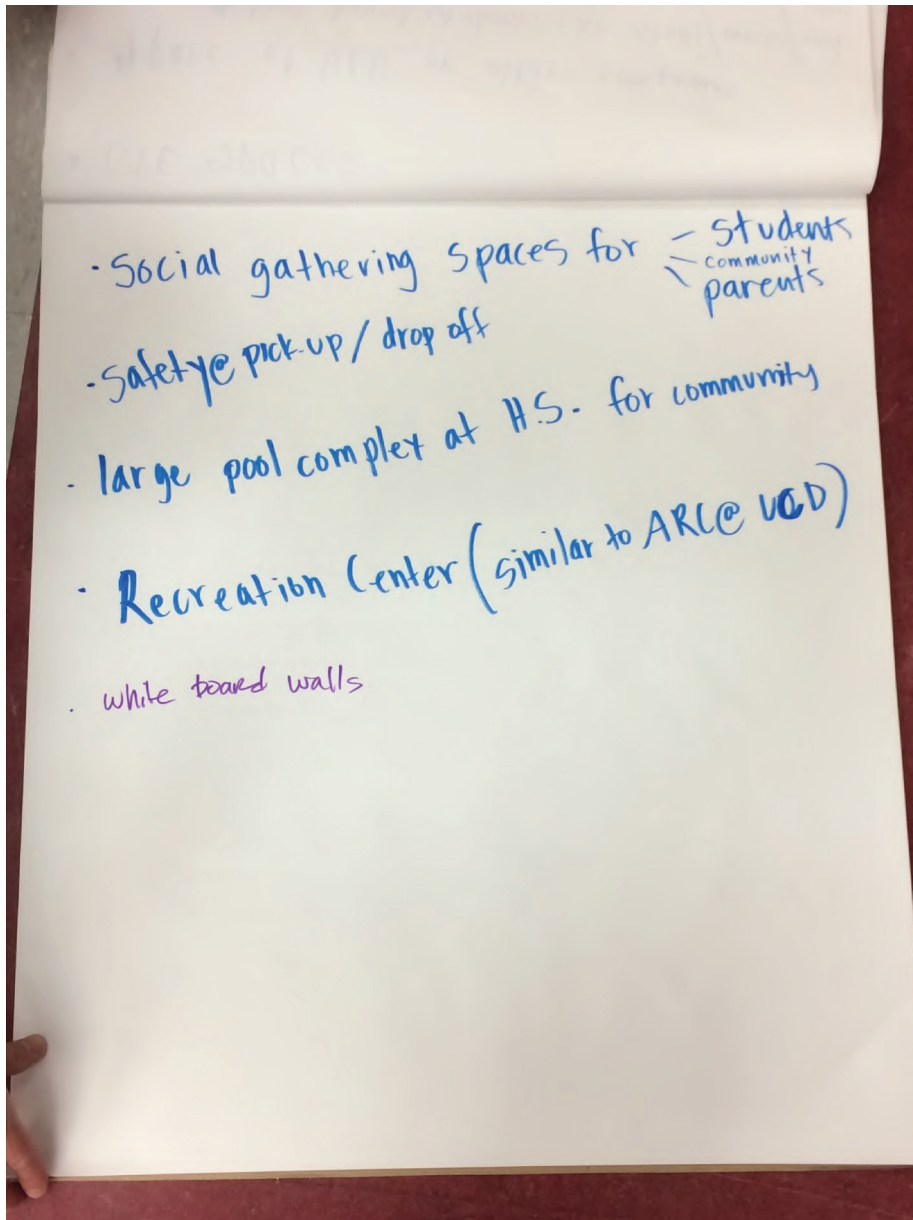
PROTECT EXISTING TREES.

TECHNOLOGY HUBS FOR ALL SCHOOLS

FLEX LEARNING SPACES / furniture

- CTE spaces
- space at UCD or other companies  
that djUSD students can study/work/visit  
intern
  - Schilling Robotics - DMG - Mori
  - Novozymes - HM class / Borobo (coding)
- Virtual classroom
- less ~~tech~~ in TK-2 - and more - tinkering labs
  - sensory center
  - invention labs
  - exploration areas
  - outdoor play spaces
- Maker spaces TK-12
- multi-purpose rooms - functional
  - community groups
  - clubs
  - teams

**SECTION 6**



## SECTION 6

6) Maximum Flexibility

7) Collocation of  
Community Services  
(social) City  
County

Collaboration spaces <sup>TEAM</sup>  
 outdoor learning spaces  
 - expandable rooms  
 - flexible furniture  
 - rooms that actually meet  
 the needs of user  
 ADA  
 Special need spaces  
 to meet the users  
 needs  
 - speaker system  
 for team meeting  
 (wired to students  
 & teachers)  
 alternative program  
 campus (Davis, DSIS  
 King... on same  
 campus)  
 DeVita Jr. High  
 & High School on  
 same campus

SECTION 6

November 22, 2017

**SFMPAC MEETING MINUTES #2**  
DAVIS JOINT UNIFIED SCHOOL DISTRICT | FACILITIES MASTER PLAN  
LPA PROJECT NO.: 17173.10

**DATE:** November 14, 2017  
**TIME:** 06:00pm – 8:00pm  
**PLACE:** Da Vinci High School

**This report of the meeting's events, if not corrected within seven days of transmittal, shall be acknowledged as accurate and deemed as if accepted in writing by the addressee(s).**

PRESENT	DISTRIBUTION	CONSULTANTS
See attached sign in Sheet	All Present	None

**DISCUSSION ITEMS**

ACTION	ITEM NO.
	2.01 Introductions and Committee Welcome
	2.02 Update of FMP Process
	2.03 Guiding Principles: Small Group Activity & Present Back
	<ul style="list-style-type: none"> <li>Revise title to read: FMP Guiding Principles- remove process</li> </ul>
	Group #1: <ul style="list-style-type: none"> <li>Student/Teacher focus</li> <li>Gender non-conforming facilities (locker rooms, restrooms)</li> <li>MPR-Flexibility for various uses, including open to community</li> <li>School specific character to be intact</li> </ul>
	Group #2: <ul style="list-style-type: none"> <li>FMP process guiding principles</li> <li>Schools as community hubs</li> <li>Open process-stakeholder input from all</li> <li>Flexibility in space</li> <li>All student, safe</li> </ul>
	Group #3: <ol style="list-style-type: none"> <li>Inspiring vision instills a love of learning</li> <li>Guided by inclusiveness, fare and transparent process that supports engagement of entire community</li> </ol>

ACTION	ITEM NO.
	<ol style="list-style-type: none"> <li>Strive to include all teachers, students and entire community</li> <li>Specific, achievable, measurable goals, accountable                             <ul style="list-style-type: none"> <li>Collaborative</li> <li>Safety</li> <li>Community Hub Central</li> <li>Common terminology-verbs or adjectives</li> <li>Gardens/Outdoor Learning</li> </ul> </li> </ol> Group #4: <ul style="list-style-type: none"> <li>Student and teachers ranked #1</li> <li>Sustainable</li> <li>Achievable Results</li> </ul>
	2.04 <b>Demographic Projection</b> <ul style="list-style-type: none"> <li>Reviewed Davis Demographics Fall 2016/2017 Student Population forecast</li> </ul>
	2.05 <b>Principal Survey &amp; School Site Assessment Feedback</b> <ul style="list-style-type: none"> <li>Reviewed overall process of principle surveys, M&amp;O focus group meeting, and school site assessment, which included meetings with Principals</li> <li>Reviewed 7 zones of district to give overview of issues at ES, MS and HS.</li> </ul>
	2.06 <b>Sustainable Goals (Tabled for SFMPAC Mtg #3)</b>
LPA/DJUSD	2.07 <b>Committee Questions and Next Steps</b> <ul style="list-style-type: none"> <li>Send SFMPAC #2 power point to SFMPAC members and post on DJUSD website</li> <li>LPA to update FMP Guiding Principles to reflect SFMPAC feedback</li> </ul>
	2.08 <b>Next SFMPAC Meeting #3</b> <ul style="list-style-type: none"> <li>Dec. 12 6pm-8pm Location: TBD; Agenda: District Vision</li> </ul>

Submitted by: Ben McGill

**SECTION 6**



**APPENDIX SFMPAC MEETING MINUTES #2**





**FACILITIES MASTER PLAN**  
SUPERINTENDENT'S FMP ADVISORY COMMITTEE - MEETING #2



DAVIS JOINT UNIFIED SCHOOL DISTRICT  
LPA PROJECT NO. 17173.10

Date: November 14, 2017  
Time: 6:00 - 8:00PM  
Place: Da Vinci High School

**SUPERINTENDENT'S FACILITIES MASTER PLAN ADVISORY COMMITTEE - SIGN IN SHEET**



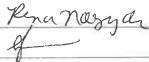

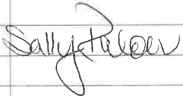

NAME	TITLE	SIGN-IN
Maria Aguirre Robledo	Staff, Martin Luther King, Jr. High School	
Sally Albertson	Parent, Davis Senior High School / PTA	
Barbara Archer	DJUSD Trustee	<i>[Signature]</i>
Natalie Baltazar	Parent, Willett Elementary School / PTA	
Eric Bastin	Teacher, Davis Senior High School	<i>[Signature]</i>
Olivia Beck	Farm to School	
Andee Bell	Parent, Pioneer Elementary School / PTA	
Marci Bernard	Director of Instructional Technology, DJUSD	
Matt Best	Deputy Superintendent, DJUSD	
Christina Blackman	Chamber of Commerce	
Rody Boonchouy	Assoc. Supt., Instructional Services, DJUSD	<i>[Signature]</i>
Gay Bourguignon	Principal, Pioneer Elementary School	
John Bowes	Superintendent, DJUSD	<i>[Signature]</i>
Rhonda Brooks	Staff, Willett Elementary School	<i>[Signature]</i>
Ashley Burgdorf	Parent, Korematsu Elementary School / PTO	
Vickie Carr	Staff, DaVinci High School	<i>[Signature]</i>
Riley Chessman	Teacher, Special Education	
Bruce Colby	Chief Business and Operations Officer, DJUSD	
Kelly Coleman	Parent, Montgomery Elementary School / PTA	<i>[Signature]</i>
Kelly Cooper	Staff, Montgomery Elementary School	



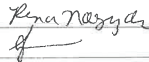

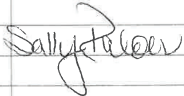

Brian Williams  
(Replacing Kelly as the MME PTA representative here)  
brian@andcheese.org

NAME	TITLE	SIGN-IN
Melissa Dabel	Parent, DPNS / PTO	
Catherine Davis	Parent, Harper Junior High / PTO	
Grace DeMasi	Parent, DaVinci High School / Boosters	
Marj Dickinson	Asst. Chancellor Gov. and Comnty. Relations, UCD	
Joe DiNunzio	Parent, Willett Elementary School / SSC	<i>[Signature]</i>
Antonia Duenez	Parent, Patwin Elementary School / EL	
Lori Duisenberg	Community Member	
Molly Durst	Teacher, Willett Elementary School	
Christine Easton	Teacher of Independent Study, DSIS	
Anne Finkelston	Staff, North Davis Elementary School	
Deborah Fold	Parent, Harper Junior High School / SSC	
Dennis Foster	Community Member / B&W Foundation	
Heema Govindjee-Merchant	Parent, Pioneer Elementary School / SSC	
Richard Harris		
Carlette Hartsough	Teacher, Emerson Junior High School	<i>[Signature]</i>
Eric Hays	Parent, Holmes Junior High School / PTA	<i>[Signature]</i>
Jim Herrington	Staff, DJUSD / President, CSEA	
Kelly Heung	Parent, Montgomery Elementary School / SSC	
Kristie Hornbuckle	Staff, Pioneer Elementary School	
Amy Huey	Parent, Korematsu Elementary School / SSC	
Dianna Hukulak	Staff, DJUSD / Davis Teachers Association	
Sophie Javers	Parent, North Davis Elementary / PTA	
Adela Johnson	Staff, DaVinci High School	
Mark Jordan	Teacher, Martin Luther King, Jr. High School	
Svenja Kadegge	Parent, Patwin Elementary School / PTA	
Belinda Kesser	Teacher, Korematsu Elementary School	
Susan Kirby	Staff, DaVinci High School	
Joy Klineburg	Parent, Holmes Junior High School / PTA	

**SECTION 6**



NAME	TITLE	SIGN-IN
Jim Knight	Principal, Birch Lane Elementary School	
Melody Law-Ewey	Parent, Emerson Junior High School / PTA	
Merissa Leamy	Parent, Harper Junior High School / SSC	
James Lehman	Parent, Patwin Elementary School / PTA	
Wendy Lewis	Staff, DJUSD	
Callie Lindsey	Parent, Harper Junior High School	
Linda Lingbloom	Parent, Pioneer Elementary School / PTA	
Jeff Lorensen	Teacher, Davis Senior High School / Athletics	
Cindy Martell	Staff, DSIS	
Debbie Martin	Staff, DaVinci High School	
Melissa Martinez	Parent, Martin Luther King, Jr. High School / SSC	
Sue Meyer	Staff, Harper Junior High School	
Inci Midilliouglu	Parent, Pioneer Elementary School / EL	
Jennifer Miller	Parent, Harper Junior High School / SSC	
Tyler Millsap	Principal, DaVinci High School	
Jen Mullin	Vice Principal, Holmes Junior High School	
Rena Nayyar	Teacher, Emerson Junior High School	
Grace Osborne	Parent, DJUSD / DSOMA	
Cheryl Ozga	Staff, DJUSD	
Don Palm	Dean, Sacramento City College	
Sally Palow	Teacher, Birch Lane Elementary School	
Trista Pandeleos	Parent, Pioneer Elementary School	
Gavin Payne	Parent, Davis Senior High School / SSC	
Marty Pence	Parent, North Davis Elementary School / SSC	
Kimberly Perez	Staff, Davis Senior High School	
Heidi Perry	Principal, Willett Elementary School	
Maureen Poole	Staff, DJUSD	
Bob Poppenga	DJUSD Trustee	
Penny Pyle	Staff, DJUSD	

NAME	TITLE	SIGN-IN
Jim Knight	Principal, Birch Lane Elementary School	
Melody Law-Ewey	Parent, Emerson Junior High School / PTA	
Merissa Leamy	Parent, Harper Junior High School / SSC	
James Lehman	Parent, Patwin Elementary School / PTA	
Wendy Lewis	Staff, DJUSD	
Callie Lindsey	Parent, Harper Junior High School	
Linda Lingbloom	Parent, Pioneer Elementary School / PTA	
Jeff Lorensen	Teacher, Davis Senior High School / Athletics	
Cindy Martell	Staff, DSIS	
Debbie Martin	Staff, DaVinci High School	
Melissa Martinez	Parent, Martin Luther King, Jr. High School / SSC	
Sue Meyer	Staff, Harper Junior High School	
Inci Midilliouglu	Parent, Pioneer Elementary School / EL	
Jennifer Miller	Parent, Harper Junior High School / SSC	
Tyler Millsap	Principal, DaVinci High School	
Jen Mullin	Vice Principal, Holmes Junior High School	
Rena Nayyar	Teacher, Emerson Junior High School	
Grace Osborne	Parent, DJUSD / DSOMA	
Cheryl Ozga	Staff, DJUSD	
Don Palm	Dean, Sacramento City College	
Sally Palow	Teacher, Birch Lane Elementary School	
Trista Pandeleos	Parent, Pioneer Elementary School	
Gavin Payne	Parent, Davis Senior High School / SSC	
Marty Pence	Parent, North Davis Elementary School / SSC	
Kimberly Perez	Staff, Davis Senior High School	
Heidi Perry	Principal, Willett Elementary School	
Maureen Poole	Staff, DJUSD	
Bob Poppenga	DJUSD Trustee	
Penny Pyle	Staff, DJUSD	

SECTION 6

NAME	TITLE	SIGN-IN
Kathy Roggenbuck	Teacher, Cesar Chavez Elementary School	<i>[Signature]</i>
Mary Ruiz	Parent, Patwin Elementary School / PTA	
Maria Ryken	Teacher, Patwin Elementary School	
Michelle Salisbury	Staff, Birch Lane Elementary School	
Mabel Salon	Dir. of Comnty. and Local Gov't Relations, UCD	
Jennie Singer	Parent, DSIS / SSC	
Sheryl Soucy-Lubell	Parent, Birch Lane Elementary School	
Kelly Stachowicz	Assistant City Manager, City of Davis	
Amy Stacy	Student Services	
Kristine Stanowicz	Teacher, Pioneer Elementary School	
Tara Stapleton	Staff, Willett Elementary School	
Mary Tallyn	Staff, Patwin & Fairfield Elementary Schools	
Wendy Thompson	Staff, Montgomery Elementary School	
Scott Thomsen	Principal, Emerson Junior High School	
Kristen Uliasz	Teacher, DaVinci High School	
Lorraine Visher	Community / DSAF	
Kurt Yeaman	Teacher, North Davis Elementary School	
Jim Kisel	LPA, Inc.	<i>[Signature]</i>
Andrea Pippin	LPA, Inc.	
Anthony Harris	LPA, Inc.	
Ben McGuirl	LPA, Inc.	
Kristen Van Elden	LPA, Inc.	
Julie Z.Cramer	LPA, Inc. / Wayfind Education	
Lori Raineri	Government Financial Strategies	
Christine Helweg	Asst. Director, Parks + Community	<i>[Signature]</i> Sycs - City of Davis CA
Nieves Vicente	Parent @ Willett	<i>[Signature]</i>
Hilary Corvin	Parent DSIS	<i>[Signature]</i>
Simon Pittfield	Parent / Davis pentathlon	<i>[Signature]</i>
Gregory Conners	teacher DVCA	<i>[Signature]</i>
<del>Katy Bouchard</del>		
Anne Nelson	DVJH Vice Principal	<i>[Signature]</i>

**SECTION 6**

January 26, 2017

**SFMPAC MEETING MINUTES #3**  
 DAVIS JOINT UNIFIED SCHOOL DISTRICT | FACILITIES MASTER PLAN  
 LPA PROJECT NO.: 17173.10

**DATE:** December 12, 2017  
**TIME:** 06:00pm – 8:00pm  
**PLACE:** Da Vinci High School

**This report of the meeting's events, if not corrected within seven days of transmittal, shall be acknowledged as accurate and deemed as if accepted in writing by the addressee(s).**

<u>PRESENT</u>	<u>DISTRIBUTION</u>	<u>CONSULTANTS</u>
See attached sign in Sheet	All Present	None

**DISCUSSION ITEMS**

ACTION	ITEM NO.
	3.01 Introductions and Committee Welcome
	3.02 Update of FMP Process
	3.03 Sustainable Goals Activity (Group Activity & Present Back)
	<u>Reduce Water use:</u> <ul style="list-style-type: none"> <li>Grey Water use for irrigation</li> <li>low flow faucets and toilets/urinals</li> <li>low/no water use for landscape</li> </ul>
	<u>Energy Efficiency:</u> <ul style="list-style-type: none"> <li>Solar power</li> <li>Improve ventilation</li> <li>Insulation retrofit</li> <li>Charging stations</li> <li>Carbon neutral</li> <li>Day lighting for classrooms reduce artificial lighting use</li> </ul>
	3.04 <b>Teacher &amp; Staff Survey Findings Review</b> <ul style="list-style-type: none"> <li>LPA sent surveys per school to District</li> </ul>
	3.05 <b>Educational Program Review</b> <ul style="list-style-type: none"> <li>Reviewed overall process of principle surveys, M&amp;O focus group meeting, and school site assessment, which included meetings with Principals</li> <li>Reviewed 7 zones of district to give overview of issues at ES, MS and HS.</li> </ul>

ACTION	ITEM NO.
	3.06 School Site Opportunities Charrette Group Activity & Present Back
	Emerson / Da Vinci Academy JHS <ul style="list-style-type: none"> <li>Odd shape rooms</li> <li>Primary focus was to provide adequate Sci-Labs w/prep space, proposed in rear of site adjacent to portables</li> <li>Reutilize home Economics &amp; Wood shop for CTE &amp; Maker Lab spaces</li> <li>Supplemental service spaces are needed (offices)</li> <li>PV array over parking</li> <li>Interior hallways utilized as learning spaces</li> <li>Collab spaces in middle of classroom pods</li> <li>Bring back swimming pool</li> </ul>
	Holmes JHS <ul style="list-style-type: none"> <li>Poor street access, no pick up or drop off, all accessed by one point, separate bikes and cars, PG&amp;E easement for bike access</li> <li>Storage an issue (lockers bad shape, state requires all students have own books)</li> <li>Portables very distant from school, proposed new 2 story class room bar more central</li> <li>Track requires updating to be regulation size</li> <li>Poor drainage at center of campus create outdoor learning spaces</li> </ul>
	Davis HS <ul style="list-style-type: none"> <li>Creating a campus easy to navigate w/ a clear entrance, which would entail the administration building to be relocated at new entry to face Veterans memorial parking lot</li> <li>North portables adjacent to gym to be removed (athletics currently are located here) &amp; add 50 Meter swimming pool south of portables</li> <li>STEM/STEaM Center (Share w/ Adult School w/ Community Center)</li> <li>Strong Robotics Program / MakerSpace (Combine with Science Lab)</li> <li>Replacement of Portables w/ Permanent</li> <li>Move Administration/Welcome Center to Parking Lot/Front Door</li> <li>Exterior Learning Environments</li> <li>Staff Collaboration / Departments Spread Out Now</li> </ul>
	3.07 <u>Next Town Hall Meetings</u> <ul style="list-style-type: none"> <li>Town Hall-1 Library at Davis HS (6:00 – 8:00pm) 02.06.18</li> <li>Town Hall-2 Library at Emerson Junior High (6:00–8:00pm) 02.07.18</li> <li>Town Hall-3 MPR at Harper Junior High (6:00 – 8:00pm) 02.07.18</li> </ul> *Select Town Hall based on your site's attendance area.
	<ul style="list-style-type: none"> <li>Submitted by: Ben McGuirl</li> </ul>

**SECTION 6**



**APPENDIX  
 SFMPAC MEETING MINUTES #3**



February 22, 2018

**SFMPAC MEETING MINUTES #4**  
DAVIS JOINT UNIFIED SCHOOL DISTRICT | FACILITIES MASTER PLAN  
LPA PROJECT NO.: 17173.10

**DATE:** February 21, 2018  
**TIME:** 06:00pm – 8:00pm  
**PLACE:** Da Vinci High School

This report of the meeting's events, if not corrected within seven days of transmittal, shall be acknowledged as accurate and deemed as if accepted in writing by the addressee(s).

PRESENT	DISTRIBUTION	CONSULTANTS
See attached sign in Sheet	All Present	None

**DISCUSSION ITEMS**

ACTION	ITEM NO.		
	4.01	<b>FMP Process Update</b> 5 minutes <b>Student Survey</b> 5 minutes <b>Educational Vision Charrette &amp; Program Standards</b> 20 minutes <b>Town Halls &amp; Draft Master Plan Diagrams</b> 45 minutes <b>School Site Committees (SSC) Role &amp; Summary</b> 10 minutes <b>SFMPAC Next Steps</b> 5 minutes	
	4.02	<b>Notes from FMP Presentation:</b>  <u><b>Birch Lane:</b></u> Gender Neutral restrooms single student, easily accessible Q: Space behind MPR-hiding Space-supervision issue A: Strategic Fencing Q: Bike parking review quantity and security and access Q: Preserve existing gardening A: planter beds part of construction cost Q: question 2-story issue w/ neighbors A: preserve hard courts and playfields Kindergarten (all day) 1,350 sf w/ toilet in CR  <u><b>North Davis Elementary</b></u> 3-4 year turn around for plans, process and building Q: what is less expensive 2 story or 1 story A: 1 story; 2 story elevator, 2nd fir circulation, stairs and elevators Need more support spaces Update Property Line adjacent to CDC/parking  <u><b>Holmes MS:</b></u> Preserve ag outdoor learning Recently upgraded  <u><b>Davis SHS:</b></u> Sci-undersized No since of entry New 50M pool New admin	

ACTION	ITEM NO.	
		Learning center missing-relocate Adult to quad in front of Gym Q. Pool desire and priorities A. LPA heard from community and stake holders that pool is priority Q. Bike parking in front of gym missing, A. LPA at 1on1s to define in further detail locations of bike parking  <u><b>King HS</b></u> New facility Music storage missing Update Property Line  <u><b>DJUSD Children's center</b></u> Relocated to Emerson JHS and provide designated parking lot  <u><b>Adult School</b></u> Relocate to allow learning center for Davis SHS  <u><b>DSIS</b></u> CA Assoc. have produced FMP LPA to fold plans into FMP  <u><b>Korematsu</b></u> Newer facilities Added sci-lab, innovation lab, and Kindergarten  <u><b>Montgomery</b></u> Newer facilities Added Kindergarten Added Science CDC owns buildings Q: What sets Priorities-next SFMPAC-stars to set priority Music room is now bridge program Public/parent resource needs to be at front (Parent Center) separate from staff lounge. Kindergarten can be replaced SCI CR Get nuances in English language-  <u><b>Willet</b></u> MPR concern program is not same as RG, Diagram just for cost, MPR components can be reconfigured in future  <u><b>Pioneer</b></u> Existing center space works well for Collab Improve program adjacencies  <u><b>Harper MS</b></u> Newer Campus  <u><b>Cezar Chaves</b></u> Finger plan layout 1950s Add learning courts Parking issue-provide one way and new entry access point City is working on traffic study at Anderson 2.25 teaching station per CR Provide gate w/ key card for staff parking

**SECTION 6**



April 27, 2018

**SFMPAC MEETING MINUTES #5**  
 DAVIS JOINT UNIFIED SCHOOL DISTRICT | FACILITIES MASTER PLAN  
 LPA PROJECT NO.: 17173.10

**DATE:** April 12, 2018  
**TIME:** 06:00pm – 8:00pm  
**PLACE:** Da Vinci High School

**This report of the meeting's events, if not corrected within seven days of transmittal, shall be acknowledged as accurate and deemed as if accepted in writing by the addressee(s).**

PRESENT	DISTRIBUTION	CONSULTANTS
See attached sign in Sheet	All Present	None

**DISCUSSION ITEMS**

ACTION	ITEM NO.		
	5.01	Committee Welcome / FMP Process-to-Date	5 min
		Scope of Work Categories	10 min
		Total Program Cost & Potential Funding	35 min
		Stakeholder Groups Priorities	10 min
		SFMPAC Prioritization Activity	30 min
		Voting Outcomes Discussion	25 min
		Next Steps	5 min
	5.02	<u>Scope of Work Categories:</u>	
		1. Modernize / Reconfigure Existing Classrooms	
		2. Existing Building Systems, Toilets & Improved Energy Efficiency	
		3. Site Utilities & Infrastructure	
		4. New Construction (Classrooms)	
		5. Elementary STEM & JrHS/HS Science Programs	
		6. JrHS/HS Electives Improvements	
		7. Music, Drama & Performing Arts Improvements	
		8. MPR, Student Union & Food Service Improvements	
		9. Physical Education Improvements	
		10. Staff & Community Support	
		11. Library & Student Support Services	
		12. Safety & Security	
		13. Bike / Car Parking & Drop-Off	
		14. Outdoor Learning Courts, Quads & Gardens	
		15. Exterior Play Spaces, Playfields & Hardcourts	
		16. Next Generation Learning Furniture	
		17. Technology Infrastructure & Equipment	

ACTION	ITEM NO.	
	5.03	<b>Total Program Cost &amp; Potential Funding:</b>
		<ul style="list-style-type: none"> <li>Overall FMP budget: \$438 Million includes soft cost 25%</li> <li>Bond to fund approx. 1/3 of cost of Facility Master Plan</li> <li>Potential Bond funding analysis by GFS: \$150 M for Nov. 2018 election \$157 M for 2020 election (have to consider inflation loss)</li> </ul>
	5.04	<b>Stakeholder Groups Priorities:</b>
		Principal Interview: <ol style="list-style-type: none"> <li>Modernize / Reconfigure</li> <li>New construction</li> <li>Bike / Car parking &amp; drop off</li> </ol>
		School Site Committee: <ol style="list-style-type: none"> <li>New Construction</li> <li>MPR, student union &amp; food service improvements</li> <li>Staff &amp; community support spaces</li> </ol>
		Student Survey: <ol style="list-style-type: none"> <li>MPR</li> <li>Bike / Car parking &amp; drop off</li> <li>Outdoor Learning Courts, Quads &amp; Gardens</li> </ol>
		Common Priorities: <ol style="list-style-type: none"> <li>Modernize / Reconfigure Existing Classrooms,</li> <li>MPR, Student Union &amp; Food Service Improvements</li> <li>Bike / Car Parking &amp; Drop-Off</li> </ol>
	5.05	<b>SFMPAC Prioritization Activity &amp; Voting Outcomes Discussion</b>
		<ul style="list-style-type: none"> <li>Davis SHS has received the most votes-also has largest affect to all students</li> <li>Korematsu and Montgomery have least votes-newer sites that don't require major renovations</li> </ul>
	5.03	<b>Next Steps:</b>
		Board of Education Engagement: <ul style="list-style-type: none"> <li>BOE Draft FMP-presentation May 17 7:00-10:00</li> <li>BOE Final FMP-presentation June 21<sup>st</sup> 7:00-10:00</li> </ul>
		Submitted by: Ben McGuirl

**SECTION 6**



**APPENDIX  
 SFMPAC MEETING MINUTES #5**

