

**Lawrence Elementary School Facilities Vision Task Force
Monday, January 3, 2011, at 7 p.m., at the ESDC, 110 McDonald Drive**

Agenda

1. Welcome and Points of Operation - Mike Neal and John Wilkins
2. Report From Committee - John Wilkins
 - Baseline Facts
 - Baseline Assumptions
 - Long Term Goals
 - Elementary School Capacity Worksheet
3. Subcommittees Meet to Suggest Possible Scenarios to Meet the Charges of the Task Force - Subcommittee Representatives
4. Adjourn

30 December, 2010

USD 497 Elementary School Task Force

Baseline Facts

- Student/Teacher Ratio (2010): 23.2 average across all schools
- Student/Teacher Ratio (2010/2011 Board Policy):
 - o 25:1 (< 50% free & reduced lunch)
 - o 24:1 (50% - 75% free & reduced lunch)
 - o 23:1 (> 75% free & reduced lunch)
 - o No combination Classes
 - o Maximum Class Size (before splitting into 2 sections)
 - K-3: 26
 - 4-6: 31
- The District could have capital dollars available in the coming years without raising taxes as follows:
 - o 2 years - \$35 M
 - o 5 years - \$70 M (total of \$105M)

Baseline Assumptions

Funding

Given the unlikelihood that the State will fund federal stimulus dollars that are sun setting, plan for budget cuts of \$1,500,000.

Long Range Plan

Develop plan of what the District should look like in 5 years with interim short-term steps to achieve this. Such plan should include a model elementary school for use in determining appropriate learning environments for any new improvements to schools.

The elementary school population (not including virtual school) has declined 3% since 2001, however there has been modest growth of 4.3% since 2006. Based on that, a long range capital plan should include an anticipated growth rate of 1% per year.

Educational Programming

Evidence does support that all day kindergarten has a positive impact on student achievement, however due to funding issues, it is unlikely that all day kindergarten will be incorporated in the 7 elementary schools who still operate ½ day. For planning purposes, assume all day kindergarten will be added at 2 additional schools.

ESL is a successful and growing program within the Lawrence school district. There are currently 2 cluster sites and 2 neighborhood sites within the district. Assume in the next 5 years that there will be a 3rd cluster site.

Building Capacity

Capacities for each elementary school are based on current board policy and 2010 % free and reduced lunch, and adjusting for smaller classrooms within the district. They do not include portable classrooms. Refer to attached spreadsheet for more detail if desired.

Wakarusa Valley	270 (14% classrooms < 720 sf)
New York	206 (54% classrooms < 720 sf)
Woodlawn	264 (64% classrooms < 720 sf)
Broken Arrow	315 (73% classrooms < 720 sf)
Kennedy	299 (does not include 7 classrooms used for Early Childhood)
Pinckney	319 (56% classrooms < 720 sf)
Sunset Hill	275
Cordley	312
Hillcrest	306 (12% classrooms < 720 sf)
Schwegler	351
Prairie Park	504
Quail Run	525
Sunflower	500
Langston Hughes	498 (78% classrooms < 720 sf)
Deerfield	539 (12% classrooms < 720 sf)
Total	5,613

Classroom Sizes:

> 720 sf: Full capacity (23-25 students per board policy)

650 – 720 sf: 22 Students

< 650 sf: 20 Students

Classrooms smaller than 600 sf were not counted as classrooms available for K-5.

Each school shall provide 1 classroom each for Music and Art (2 Total).

Each school that has a SPED Cluster Programs (Autism & BEST) shall provide 1 classroom for each program.

Each school shall provide 4 program spaces for Title, Resource or SPED programs. Programs serving <5 students shall provide a minimum space of 160 sf. Programs serving up to 12 students shall provide a space of 320 sf. If a school did not have adequate learning spaces of this size, then it was assumed 2 regular classrooms would serve the 4 programs.

Long-Term Goals

- District should fully utilize elementary school locations before constructing new schools at new locations
- Plan for minimum capacity of 300 students at all schools
- Plan for equity in terms of learning environments across the district
- Plan for all-day kindergarten at all schools in the future
- Eliminate all portables at elementary schools
- Plan for flexibility to accommodate changes to programs in the future
- Plan for investment in specific facilities to address aging facilities
- Deploy services in a differentiated manner such that all schools receive the services and programs they need
- District should strive to create and maintain schools that embody such a community that every school is a community school.
- District should ensure that as many children as possible are able to walk or bike to school if they choose to do so.
- Incorporate Best Practices that research suggests have a greater impact on student achievement than school and class size
- Long-term plan to provide minimum 720 sf classrooms for grades 1-5 and 900 sf classrooms for Kindergarten in existing schools.

Note: List does not comprise all recommendations included in subcommittee's reports, but identifies the goals most relevant to evaluating scenarios.

Site Capacity

Rule of Thumb Approach

Type of School	Number of Pupils	Site Size
Elementary	500	10 acres

*Note: Additional acre +/- per 100 pupils is recommended

*Note: Recommended that schools be provided a minimum of 5 acres

Example

2 Section School	300	8 acres
3 Section School	600	11 acres

Functional Approach

Space Type	2 Section	3 Section
Playground	3.9	6.6
Parking/Drives	0.4	0.5
Building & Grounds	1.6	3.0
Total	5.9	10.1

*Note: Information based on California Department of Education's Guide to School Site Analysis and Development

*Note: These numbers are based on 25 students/classroom

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Elementary School Capacity

	Actual Enrollment (K-5 2010)	Teacher/Student Ratio Board Policy Adj. for SF	General Classrooms Available adjusted for 1/2 day K ⁴	Long-Term Planning		Portables Equivalent to Classroom Size	Short-Term Planning		Alternative Capacity Methodologies				General Classrooms required at specific schools excluding specials						
				Max Capacity Adj for SF	Available Seat Count		Max Capacity Adj for SF (w/ Portables)	Available Seat Count (w/ Portables)	Max Capacity (Teacher/Student Ratio 25.0)	Teacher/Student Ratio (current board policy) ²	Max Capacity (Board Policy 25/24/23)	Max Capacity (2010 - Actual Avg. Ratio 23.2)	Total Classrooms Available	ESL	Early Childhood	Art/Music	SPED ¹	Math/Reading ¹	General Classrooms Available (K-5; Full day K)
Wakarusa Valley	168	25	11	270	102	2	319	151	275	25	275	255	14	0	0	2	1	1	10
New York ³	173	23	9	206	33	2	252	79	225	24	216	209	13	0	0	2	1	1	9
Woodlawn ³	209	22	12	264	55	1	286	77	300	24	288	278	14	0	0	2	0	0	12
Broken Arrow	223	23	14	315	92	0	315	92	350	24	336	325	15	0	0	2	0	0	13
Kennedy ³	225	23	13	299	74	0	299	74	325	23	299	302	23	0	7	2	0	1	13
Pinckney ³	234	23	14	319	85	0	319	85	350	24	336	325	18	0	0	2	1	1	14
Sunset Hill	240	25	11	275	35	4	375	135	275	25	275	255	14	0	0	2	1	1	10
Cordley ³	264	24	13	312	48	0	312	48	325	24	312	302	18	1	0	2	1	1	13
Hillcrest ³	348	24	13	306	-42	3	376	28	325	24	312	302	17	2	0	2	0	0	13
Schwegler ³	351	24	20	480	129	0	480	129	500	24	480	464	25	1	0	2	1	1	20
Prairie Park ³	360	24	21	504	144	0	504	144	525	24	504	487	24	0	0	2	1	0	21
Quail Run	401	25	21	525	124	0	525	124	525	25	525	487	22	0	0	2	0	0	20
Sunflower	405	25	20	500	95	1	525	120	500	25	500	464	23	1	0	2	1	0	19
Langston Hughes	438	23	22	498	60	0	498	60	550	25	550	510	23	0	0	2	0	0	21
Deerfield	461	24	22	539	78	1	563	102	550	25	550	510	25	0	0	2	1	1	21
Total	4,500		236	5,613	1,113		5,950	1,450	5,900		5,758	5,475	288	5	7	30	9	8	229
Actual K-5 (2010)				4,500			4,500		4,500		4,500	4,500							
Variance (No. of Students)				1,113			1,450		1,400		1,258	975							
Efficiency				85%			85%												
Variance (No. of Students)				946			1,232												

Footnotes:

¹ Each elementary school to provide the equivalent of 1 classroom for SPED and Math/Reading. 0 was used if a school provided adequate space through a series of smaller rooms

² Current board policy: 25:1 < 50% free and reduced lunch; 24:1 50%-75% free and reduced lunch; 23:1 > 75% free and reduced lunch

³ Schools that currently have all day kindergarten

⁴ Schools with 1/2 day kindergarten can accommodate 2 sections of kindergarten in 1 classroom or 3 sections of kindergarten in 2 classrooms.

30 December, 2010 USD 497 Elementary School Task Force – Building Data

	Site Acreage	Building SF	Enrollment (2010)	Portable Classrooms	No. of Classrooms	No. of Classrooms (Min. 720 sf ; 900 sf - K)	Educational Programs (2010)	Qualitative/ Functional Needs	Programmatic Needs*
Broken Arrow	4.2	36,418	285	0	15	4 [11]	Title 1	Daylight	2 nd Kindergarten Room
Cordley	3.5	44,333	299	0	18	18	ESL Cluster Full Day Kindergarten	ADA accessibility to 1916/1928 Bldg HVAC Improvements	2 nd Gymnasium/Multi-purpose space Larger Library
Kennedy	6.7	55,271	265	0	16 (23 incl EC)	16	Early Childhood Title 1 Full Day Kindergarten		
Hillcrest	5.3	34,341	386	6	17	14 [3]	ESL Cluster Title 1 Full Day Kindergarten	Reconfigure 1987 SPED addition	2 nd Gymnasium/Multi-purpose space
New York	3.0	31,842	200	2	13	6 [7]	SPED Cluster Title 1 Full Day Kindergarten		Multi-purpose space Additional Classrooms
Pinckney	2.8	36,239	273	0	18	8 [10]	Full Day Kindergarten		2 nd Gymnasium/Multi-purpose space
Sunset Hill	9.0	26,337	292	4	14	14			2 nd Gymnasium/Multi-purpose space Additional Classrooms
Wakarusa Valley	10.0	37,285	194	2	14	12 [2]		Mechanical Noise in Classrooms	
Woodlawn	5.1	37,411	240	1	14	5 [9]	Title 1 Full Day Kindergarten		
Deerfield	9.4	52,879	530	2	25	22 [3]		Daylight HVAC Improvements	
Langston Hughes	13.8	55,980	519	0	23	5 [18]			
Prairie Park	15.4	57,824	420	0	24	24	SPED Cluster		
Quail Run	15.1	53,432	476	0	22	22			
Schwegler	7.7	54,336	406	0	25	25	ESL Boundary Title 1 Full Day Kindergarten		Larger Library
Sunflower	15.0	50,258	480	1	23	23	ESL Boundary SPED Cluster		

*For long-term planning purposes

** Assumes all-day kindergarten at every elementary school

USD 497 Elementary School Capacity
2010 Elementary School Enrollment (K-5) **4,500**

	100% Seat Capacity	90% Seat Capacity	85% Seat Capacity
Current Seat Count	5,613	5,052	4,771
Seat Count if Consolidate one 260 Capacity school	5,353	4,818	4,550
Seat Count if Consolidate two 260 Capacity school	5,087	4,578	4,324

Notes:

These are conservative numbers as they do not include the use of portables and have been reduced to reflect sf of classrooms which is lower than district policy. The average capacity of the 5 smallest capacity elementary schools is approx. 260. Results will vary depending on individual schools considered.