

Agenda

I. Welcome Larry Englebrick (5 min)

II. Location of Future Meetings Larry Englebrick (5 min)

III. Desired Timeline Larry Englebrick (5 min)

IV. Review of Board Actions (02/27/23) Larry Englebrick (10 min)

V. Possible Boundary Adjustments RSP (30 min)

VI. Boundary Advisory Committee Discussion (35 min)

Boundary Advisory Committee

Location of Future Meetings:

BAC Timeline – potential:

- ✓ Meeting 1: February 22nd
- ☐ Meeting 2: March 1st
- ☐ Meeting 3: March 8th
- ☐ Meeting 4: March 22nd

BOE Meeting Update: March 27th

BOE Action – 02/27/23

- ✓ Motion passed 6-1: Approve cuts in MS and HS Staffing
- ✓ Motion passed 6-1: Host Broken Arrow Elementary School Public Hearing
- ✓ Motion passed 6-1: Host Pinckney Elementary School Public Hearing
- ☐ Motion failed 4-3: Host Woodlawn Elementary School Public Hearing
- ✓ Amended Motion passed: 4-3Repurpose Liberty Memorial Central Middle School
 - Timeline adjusted to begin in 2024/25 school year
 - No student movement in 2023/24 school year

NOTE: Approving to host public hearings for school closures does not guarantee schools will close. After public hearings and boundary work is completed, the board will make a final motion to close buildings.

YOUR JOB:

Discuss potential boundary plans to make a recommendation to the board if Broken Arrow and Pinckney are closed.

BAC Meeting 1 Recap:

Themes of Meeting 1 Feedback:

- ☐ GOAL: Investigate a complete boundary adjustment; not just to accommodate potential school closures
- ☐ GOAL: Address differing class size by buildings
- ☐ GOAL: Address underutilization of buildings
- ☐ Variables with high considerations:
 - Transportation/Walkability
 - ELL students and location of programming
 - FRL students and distribution of socio-economics diversity
 - Building support and title funding

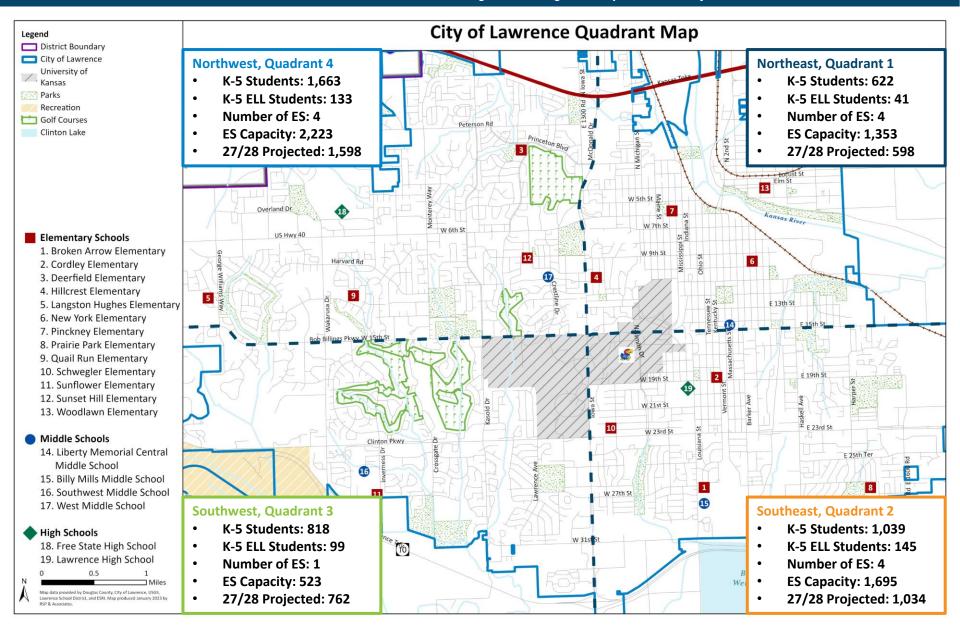
Realities:

General observations that will need to be discussed in this process. This is not all encompassing but aims to capture some realities with the task before us:

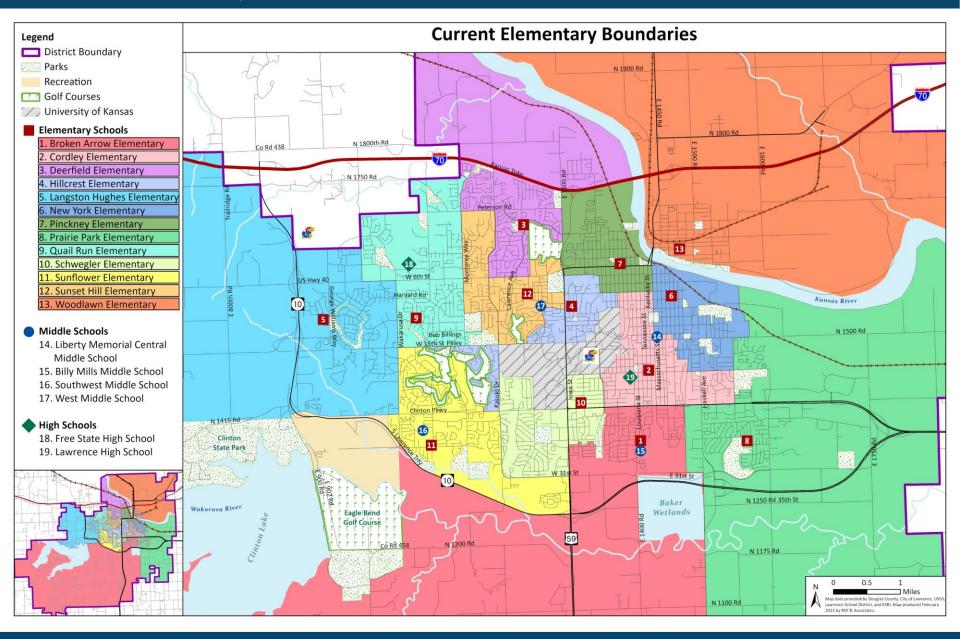
- Walkability/Safety
 - Consider students residing south of river, to attend a school north of river (crossing bridge)
 - Student and family safety concerns
 - Financial challenges with district transportation assurances
- Underutilization of Woodlawn
 - Consider the utilization and efficiency of Woodlawn
 - Will be a challenge to move more students into Woodlawn due to geography
- Heat Density
 - Consider the high student density near Broken Arrow
 - Challenge to maintain neighborhood lines due to high number of students and where available space is located in the district
- South of K-10 Rural Areas
 - Redistributing Broken Arrow will require adjusting the rural areas south of K-10
 - Challenges of student's time on bus, financial constraints of transportation, etc.
- New York Montessori
 - Placement for students in boundary
 - Expansion of boundary vs utilization of building

Quadrant Discussion

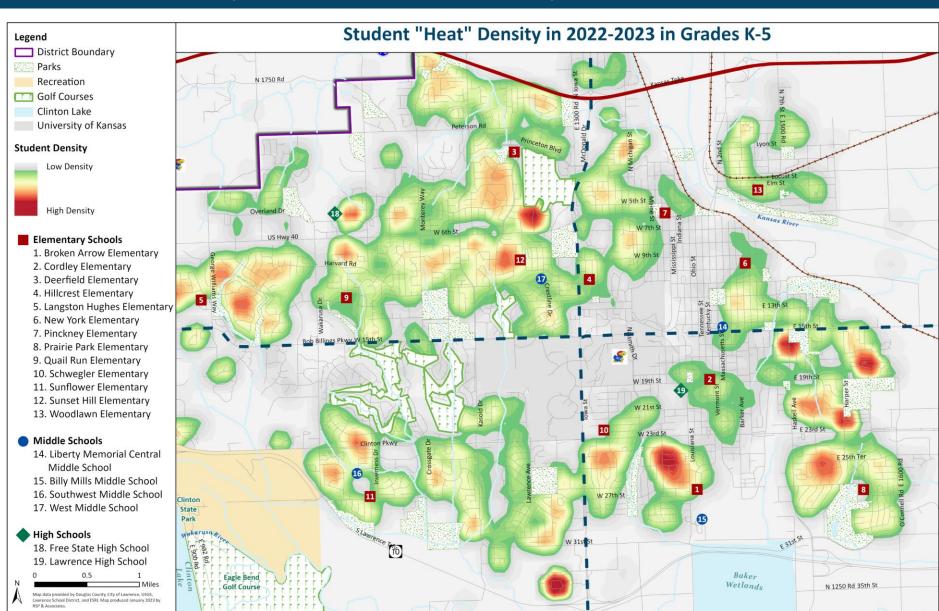
Bullet points are approximations of K-5 students residing in quadrants. Only students residing inside of map frame visual, City of Lawrence, are included in the analysis. Students residing in rural Douglas County or reside out of district are not included in this visual.



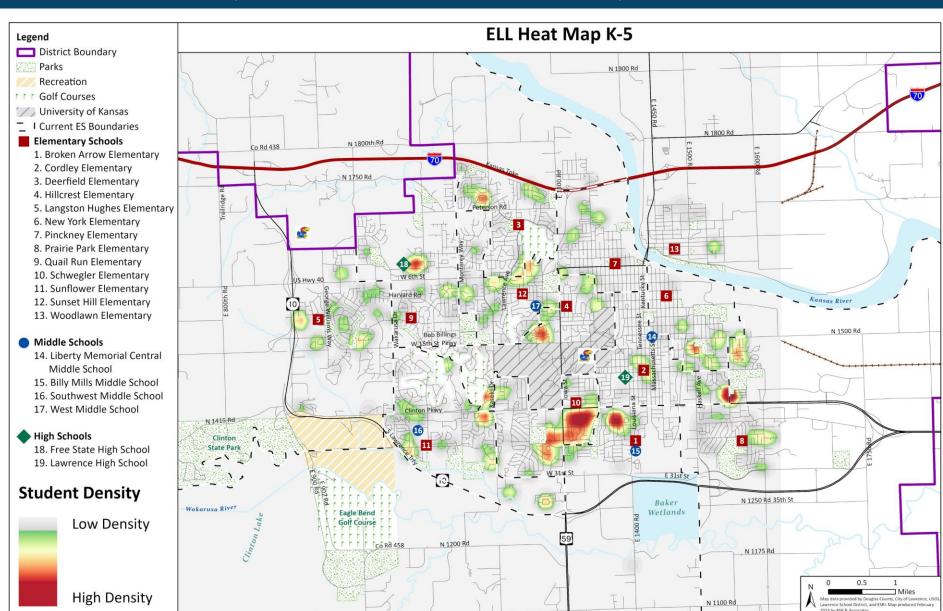
Elementary School Boundaries



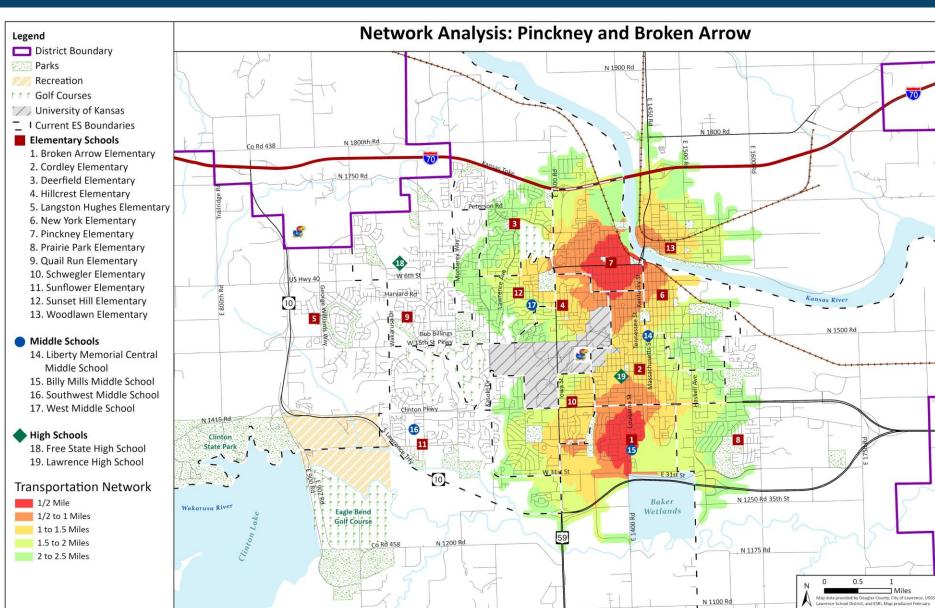
Elementary Student Heat Map



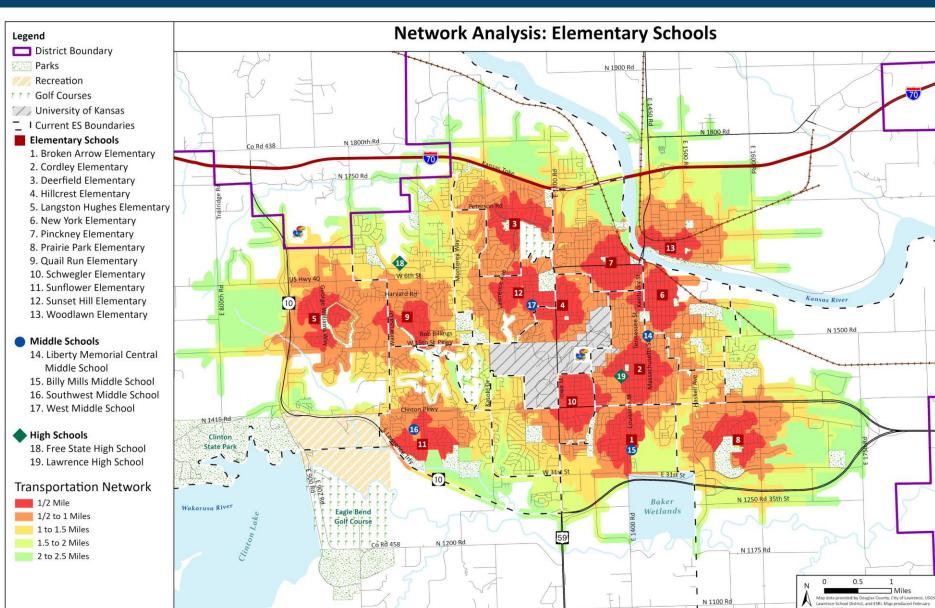
Elementary ELL Student Heat Map



Elementary School Transit Radius (Road Network)



Elementary School Transit Radius (Road Network)



Current: Projections

Elementary School Projections	Capacity	2023/24	2024/25	2025/26	2026/27	2027/28	2023/24	2024/25	2025/26	2026/27	2027/28
Broken Arrow Elementary	338	266	267	274	268	273	78.7%	79.0%	81.1%	79.3%	80.8%
Cordley Elementary	<i>37</i> 5	272	273	270	268	278	72.5%	72.8%	72.0%	71.5%	74.1%
Deerfield Elementary	<i>57</i> 5	445	436	421	412	406	77.4%	75.8%	73.2%	71.7%	70.6%
Hillcrest Elementary	438	316	316	316	322	323	72.1%	72.1%	72.1%	73.5%	73.7%
Langston Hughes Elementary	592	476	466	488	480	506	80.4%	78.7%	82.4%	81.1%	85.5%
New York Elementary	292	206	194	201	201	210	70.5%	66.4%	68.8%	68.8%	71.9%
Pinckney Elementary	323	207	206	211	211	206	64.1%	63.8%	65.3%	65.3%	63.8%
Prairie Park Elementary	475	383	378	384	400	408	80.6%	79.6%	80.8%	84.2%	85.9%
Quail Run Elementary	500	384	381	390	402	398	76.8%	76.2%	78.0%	80.4%	79.6%
Schwegler Elementary	507	340	342	332	337	336	67.1%	67.5%	65.5%	66.5%	66.3%
Sunflower Elementary	523	465	453	462	453	446	88.9%	86.6%	88.3%	86.6%	85.3%
Sunset Hill Elementary	446	354	348	350	348	349	79.4%	78.0%	78.5%	78.0%	78.3%
Woodlawn Elementary	300	181	181	184	180	170	60.3%	60.3%	61.3%	60.0%	56.7%
TOTAL	5,684	4,295	4,241	4,283	4,282	4,309	75.6%	74.6%	75.4%	75.3%	75.8%

Source: RSP Sophisticated Forecast Model, 2022/23

Notes: Green shading signals when building is below 75% utilization in a given year; Orange shading signals when building is above 100% building utilization in a given year

Middle School Projections	Capacity	2023/24	2024/25	2025/26	2026/27	2027/28	2023/24	2024/25	2025/26	2026/27	2027/28
Billy Mills Middle School	800	490	488	501	493	475	61.3%	61.0%	62.6%	61.6%	59.4%
Liberty Mem. Central Middle School	625	490	484	491	460	455	78.4%	77.4%	78.6%	73.6%	72.8%
Southwest Middle School	800	605	592	548	543	535	75.6%	74.0%	68.5%	67.9%	66.9%
West Middle School	800	646	629	626	594	589	80.8%	78.6%	78.3%	74.3%	73.6%
TOTAL	3,025	2,231	2,193	2,166	2,090	2,054	73.8%	72.5%	71.6%	69.1%	67.9%

Source: RSP Sophisticated Forecast Model, 2022/23

Notes: Green shading signals when building is below 75% utilization in a given year; Orange shading signals when building is above 100% building utilization in a given year

NOTE: Elementary projections factor in ELL students are going to their attending school

Current: Projected 2023/24 Class Size

Current: 2023/24 Projections by Grade	Capacity	K	1	2	3	4	5	K-5
Broken Arrow Elementary	338	43	49	38	54	38	44	266
Cordley Elementary	<i>37</i> 5	51	52	38	42	46	43	272
Deerfield Elementary	<i>57</i> 5	74	62	73	72	86	78	445
Hillcrest Elementary	438	55	48	64	43	53	53	316
Langston Hughes Elementary	592	82	87	68	94	59	86	476
New York Elementary	292	40	35	30	33	27	41	206
Pinckney Elementary	323	36	42	37	30	34	28	207
Prairie Park Elementary	475	67	65	67	56	62	66	383
Quail Run Elementary	500	67	58	75	57	67	60	384
Schwegler Elementary	507	58	58	53	47	70	54	340
Sunflower Elementary	523	74	68	83	83	66	91	465
Sunset Hill Elementary	446	59	66	48	65	53	63	354
Woodlawn Elementary	300	29	26	36	29	29	32	181
TOTAL	5,684	735	716	710	705	690	739	4,295

Source: RSP Sophisticated Forecast Model, 2022/23

Current: Class Size Discussion	Sections per		25 Stude	ent Ratio		30 Stude	nt Ratio
Utilizing 2023/24 Projections	Building	K	1	2	3	4	5
Broken Arrow Elementary	2	1.7	2.0	1.5	2.2	1.3	1.5
Cordley Elementary	3	2.0	2.1	1.5	1.7	1.5	1.4
Deerfield Elementary	4	3.0	2.5	2.9	2.9	2.9	2.6
Hillcrest Elementary	3	2.2	1.9	2.6	1.7	1.8	1.8
Langston Hughes Elementary	4	3.3	3.5	2.7	3.8	2.0	2.9
New York Elementary	2	1.6	1.4	1.2	1.3	0.9	1.4
Pinckney Elementary	2	1.4	1.7	1.5	1.2	1.1	0.9
Prairie Park Elementary	3	2.7	2.6	2.7	2.2	2.1	2.2
Quail Run Elementary	3	2.7	2.3	3.0	2.3	2.2	2.0
Schwegler Elementary	3	2.3	2.3	2.1	1.9	2.3	1.8
Sunflower Elementary	3	3.0	2.7	3.3	3.3	2.2	3.0
Sunset Hill Elementary	3	2.4	2.6	1.9	2.6	1.8	2.1
Woodlawn Elementary	2	1.2	1.0	1.4	1.2	1.0	1.1
TOTAL	37	29.4	28.6	28.4	28.2	23.0	24.6

Source: RSP Sophisticated Forecast Model, 2022/23; USD 497

Note: Orange shading signals when that grade is larger than the average class size ratio; 25 for K-3 and 30 for 4-5.

Current Staffing Analysis

DRAFT - Preliminary Analysis

Number of Classrooms Utilized (Current staffing for 2022/23)	Kdg	1st Grade	2nd Grade	3rd Grade	4th Grade	5th Grade	Total by Building	Update Date:
Broken Arrow Elementary	2	2	2	1	1 1	2	11	10/19/22
Cordley Elementary	2	2	2	2	3	2	13	10/24/22
Deerfield Elementary	3	3	3	4		6	19	10/11/22
Hillcrest Elementary	3	3	3	3	3	3	18	10/11/22
Langston Hughes Elementary	4	4	4	2	3	3	20	10/11/22
New York Elementary (Montessori Classrooms for Kdg)	5	1	2	1		3	12	10/11/22
Pinckney Elementary	2	2	1	1 1	1	1 1	10	11/7/22
Prairie Park Elementary	3	3	3	3	3	2	17	10/18/22
Quail Run Elementary	3	3	2	2 1	2	2 1	16	10/19/22
Schwegler Elementary	3	2	2	3	2	2	14	10/19/22
Sunflower Elementary	3	3	4	3	3	3	19	10/20/22
Sunset Hill Elementary	3	2	2	2		5	15	10/17/22
Woodlawn Elementary		3		3		3	9	10/19/22
Total Single-Age	36	30	30	27	21	20	164	
Total Multi Ago		3		5	1	9	29	
Total Multi-Age			1		1			
						Total All:	193	

Source: USD497, November 2022

Table illustrates a snapshot of Fall 2022 staffing. Numbers may need to be adjusted for the current situation (Spring semester). Staffing for next year will be adjusted and analyzing by district staff after the facility plan is approved.

Staffing Main Takeaways:

- 29 classrooms are multi-age this year
- 19 of those are at 4th to 5th grade level
- Woodlawn only has multiage classrooms
- 164 classrooms are singleage this years

Current: Ethnicity Analysis

Current ES Ethnicity Table:	African American	Asian	Hispanic	Native American	Pacific Islander	Two or more	White	African American	Asian	Hispanic	Native American	Pacific Islander	Two or more	White
Broken Arrow Elementary	9	3	35	11	0	43	170	3.3%	1.1%	12.9%	4.1%	0.0%	15.9%	62.7%
Cordley Elementary	8	10	62	7	0	38	148	2.9%	3.7%	22.7%	2.6%	0.0%	13.9%	54.2%
Deerfield Elementary	21	4	47	3	1	60	332	4.5%	0.9%	10.0%	0.6%	0.2%	12.8%	70.9%
Hillcrest Elementary	18	26	102	5	2	24	130	5.9%	8.5%	33.2%	1.6%	0.7%	7.8%	42.3%
Langston Hughes Elementary	10	40	26	4	0	49	347	2.1%	8.4%	5.5%	0.8%	0.0%	10.3%	72.9%
New York Elementary	14	1	16	5	0	28	137	7.0%	0.5%	8.0%	2.5%	0.0%	13.9%	68.2%
Pinckney Elementary	20	2	32	3	1	34	112	9.8%	1.0%	15.7%	1.5%	0.5%	16.7%	54.9%
Prairie Park Elementary	20	5	40	9	1	82	233	5.1%	1.3%	10.3%	2.3%	0.3%	21.0%	59.7%
Quail Run Elementary	15	12	27	5	0	50	283	3.8%	3.1%	6.9%	1.3%	0.0%	12.8%	72.2%
Schwegler Elementary	26	6	88	7	1	58	153	7.7%	1.8%	26.0%	2.1%	0.3%	17.1%	45.1%
Sunflower Elementary	32	10	61	11	2	59	287	6.9%	2.2%	13.2%	2.4%	0.4%	12.8%	62.1%
Sunset Hill Elementary	12	3	39	6	0	77	219	3.4%	0.8%	11.0%	1.7%	0.0%	21.6%	61.5%
Woodlawn Elementary	15	0	7	5	0	35	132	7.7%	0.0%	3.6%	2.6%	0.0%	18.0%	68.0%
TOTAL	220	122	582	81	8	637	2,683	5.1%	2.8%	13.4%	1.9%	0.2%	14.7%	61.9%

Source: RSP Sophisticated Forecast Model, 2022/23

	African	Asian	Hispanic	Native	Pacific	Two or	White	African	Asian	Hispanic	Native	Pacific	Two or	White
Current MS Ethnicity Table:	American	ASIdII		American	Islander	more	wille	American		Tiispanic	American	Islander	more	vviiite
Billy Mills Middle School	40	11	85	28	0	64	291	7.7%	2.1%	16.4%	5.4%	0.0%	12.3%	56.1%
Liberty Mem. Central Middle School	37	8	62	15	0	58	270	8.2%	1.8%	13.8%	3.3%	0.0%	12.9%	60.0%
Southwest Middle School	26	32	50	11	0	67	411	4.4%	5.4%	8.4%	1.8%	0.0%	11.2%	68.8%
West Middle School	33	16	62	5	2	77	421	5.4%	2.6%	10.1%	0.8%	0.3%	12.5%	68.3%
TOTAL	136	67	259	59	2	266	1,393	6.2%	3.1%	11.9%	2.7%	0.1%	12.2%	63.8%

Source: RSP Sophisticated Forecast Model, 2022/23

NOTE: Elementary projections factor in ELL students are going to their attending school

Current: FRL Analysis

Current: Percent Students with Free & Reduced Lunch Status by Building	Current: K-5 Enrollment	Current: FRL %
Broken Arrow Elementary	271	46.5%
Cordley Elementary	273	48.7%
Deerfield Elementary	468	29.7%
Hillcrest Elementary	307	58.3%
Langston Hughes Elementary	476	11.8%
New York Elementary	201	64.2%
Pinckney Elementary	204	63.2%
Prairie Park Elementary	390	52.8%
Quail Run Elementary	392	25.3%
Schwegler Elementary	339	55.8%
Sunflower Elementary	462	45.9%
Sunset Hill Elementary	356	45.5%
Woodlawn Elementary	194	51.0%
Total	4,333	42.9%

Source: RSP and USD497

Note: FRL student analysis administered by USD497 district staff.

Observations:

- District-wide FRL percentage is 42.9% in the district
- Schools currently over 50% FRL Students:
 - Hillcrest ES
 - ☐ New York ES
 - ☐ Pinckney ES
 - ☐ Prairie Park ES
 - ☐ Schwegler ES
 - Woodlawn ES
- Schools currently under 30% FRL Students:
 - Deerfield ES
 - ☐ Langston Hughes ES
 - Quail Run ES

BAC Meeting 2: Discussion Results

MEETING GOAL: To identify any viable schools that students from Pinckney and Broken Arrow could be moved to.

Results for Pinckney Elementary:	Results for Broken Arrow Elementary:
☐ Cordley Elementary	☐ Cordley Elementary
☐ Deerfield Elementary	☐ Langston Hughes Elementary
☐ Hillcrest Elementary	☐ Prairie Park Elementary
☐ New York Elementary	☐ Schwegler Elementary
☐ Sunset Hill Elementary	☐ Sunflower Elementary
 Other discussion points: Challenge of walkability and safety for students across river; reasoning for why Woodlawn is to not be considered New York operates as the district's Montessori program; Planned Montessori program expansion may not be conducive to boundary change 	 Other discussion points: Cordley Elementary appears on both lists because its attendance area is adjacent to Pinckney and Broken Arrow attendance areas

Parking Lot Questions – overview:

- More information on the number of students that were impacted by the Kennedy boundary change
- Consideration for number of ELL certified teachers in district
- Consideration

Concept 1 DRAFT

Not officially presented to the committee.

Concept 1: Projections

DRAF1

Concept 1: Broken Arrow & Pinckney Offline	Capacity	2023/24	2024/25	2025/26	2026/27	2027/28	2023/24	2024/25	2025/26	2026/27	2027/28
Broken Arrow ES - Proposed OFFLINE	0	0	0	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%
Cordley Elementary	<i>37</i> 5	315	315	315	321	324	84.0%	84.0%	84.0%	85.6%	86.4%
Deerfield Elementary	<i>57</i> 5	537	528	516	504	496	93.4%	91.8%	89.7%	87.7%	86.3%
Hillcrest Elementary	438	366	361	361	372	367	83.6%	82.4%	82.4%	84.9%	83.8%
Langston Hughes Elementary	592	505	494	516	511	532	85.3%	83.4%	87.2%	86.3%	89.9%
New York Elementary	292	231	220	223	220	232	79.1%	75.3%	76.4%	75.3%	79.5%
Pinckney ES - Proposed OFFLINE	0	0	0	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%
Prairie Park Elementary	475	401	391	403	412	430	84.4%	82.3%	84.8%	86.7%	90.5%
Quail Run Elementary	500	412	415	426	432	429	82.4%	83.0%	85.2%	86.4%	85.8%
Schwegler Elementary	507	476	478	474	471	471	93.9%	94.3%	93.5%	92.9%	92.9%
Sunflower Elementary	523	469	463	468	461	456	89.7%	88.5%	89.5%	88.1%	87.2%
Sunset Hill Elementary	446	400	397	400	397	400	89.7%	89.0%	89.7%	89.0%	89.7%
Woodlawn Elementary	300	181	181	184	180	170	60.3%	60.3%	61.3%	60.0%	56.7%
TOTAL	5,023	4,293	4,243	4,286	4,281	4,307	85.5%	84.5%	85.3%	85.2%	85.7%

Source: RSP Sophisticated Forecast Model, 2022/23

Notes: Green shading signals when building is below 75% utilization in a given year; Orange shading signals when building is above 100% building utilization in a given year

Assumes 100% of ELL students currently attending Pinckney will attend Hillcrest

Assumes 100% of ELL students currently attending Broken Arrow will attend Schwegler

NOTE: Elementary projections factor in ELL students are going to their attending school

Concept Main Takeaways:

- Cordley expands east past Harper Street (current Prairie Park)
- Deerfield expands southeast along 6th Street to the Kansas River (current Pinckney)
- Hillcrest expands southwest to corner of Clinton Parkway and Kasold Drive (current Schwegler)
- Hillcrest expands northeast to corner of 6th street and Massachusetts street (current Pinckney)
- New York expands southwest to corner of Massachusetts street and 19th street (current Cordley)
- Langston Hughes expands northwest along Wakarusa Drive (current Quail Run)

- Prairie Park expands southwest utilizing Louisiana street, Michigan street, and K-10 to Hwy 59 (current Broken Arrow)
- Quail Run expands northeast to Kasold Drive (current Deerfield and Sunset Hill)
- Schwegler expands east utilizing Louisiana Street, 27th Street, and Michigan St (current Broken Arrow)
- Schwegler expands south of 31st Street to K-10 (current Sunflower)
- Sunflower expands southwest of K-10 (current Broken Arrow)
- Sunset Hill expands southeast and southwest stopping at Bob
 Billings Parkway and Iowa street (current Hillcrest and Quail Run)

Not officially presented to the committee.

Concept 1: Projected 2023/24 Class Size



Concept 1: 2023/24 Projections by Grade	Capacity	K	1	2	3	4	5	K-5
Broken Arrow ES - Proposed OFFLINE	0	0	0	0	0	0	0	0
Cordley Elementary	<i>37</i> 5	59	64	53	46	46	47	315
Deerfield Elementary	<i>57</i> 5	92	87	86	84	100	88	537
Hillcrest Elementary	438	63	56	78	46	60	63	366
Langston Hughes Elementary	592	86	90	74	100	64	91	505
New York Elementary	292	44	37	31	39	35	45	231
Pinckney ES - Proposed OFFLINE	0	0	0	0	0	0	0	0
Prairie Park Elementary	475	69	66	61	63	65	77	401
Quail Run Elementary	500	73	59	81	63	73	63	412
Schwegler Elementary	507	80	89	70	76	81	80	476
Sunflower Elementary	523	75	69	82	86	73	84	469
Sunset Hill Elementary	446	65	73	58	71	63	70	400
Woodlawn Elementary	300	29	26	36	29	29	32	181
TOTAL	5,023	735	716	710	703	689	740	4,293

Source: RSP Sophisticated Forecast Model, 2022/23

Assumes 100% of ELL students currently attending Pinckney will attend Hillcrest

Assumes 100% of ELL students currently attending Broken Arrow will attend Schwegler

Concept 1: Class Size Discussion	Sections per		25 Stude	nt Ratio		30 Stude	nt Ratio
Utilizing 2023/24 Projections	Building	K	1	2	3	4	5
Broken Arrow ES - Proposed OFFLINE	2	0.0	0.0	0.0	0.0	0.0	0.0
Cordley Elementary	3	2.4	2.6	2.1	1.8	1.5	1.6
Deerfield Elementary	4	3.7	3.5	3.4	3.4	3.3	2.9
Hillcrest Elementary	3	2.5	2.2	3.1	1.8	2.0	2.1
Langston Hughes Elementary	4	3.4	3.6	3.0	4.0	2.1	3.0
New York Elementary	2	1.8	1.5	1.2	1.6	1.2	1.5
Pinckney ES - Proposed OFFLINE	2	0.0	0.0	0.0	0.0	0.0	0.0
Prairie Park Elementary	3	2.8	2.6	2.4	2.5	2.2	2.6
Quail Run Elementary	3	2.9	2.4	3.2	2.5	2.4	2.1
Schwegler Elementary	3	3.2	3.6	2.8	3.0	2.7	2.7
Sunflower Elementary	3	3.0	2.8	3.3	3.4	2.4	2.8
Sunset Hill Elementary	3	2.6	2.9	2.3	2.8	2.1	2.3
Woodlawn Elementary	2	1.2	1.0	1.4	1.2	1.0	1.1
TOTAL	37	29.4	28.6	28.4	28.1	23.0	24.7

Source: RSP Sophisticated Forecast Model, 2022/23; USD 497

Note: Orange shading signals when that grade is larger than the average class size ratio; 25 for K-3 and 30 for 4-5.

Not officially presented to the committee.

Concept 1: Ethnicity Analysis

Asian Hispanic

African

		JNAF	
Pacific	Two or	White	
Islander	more	white	
0.0%	0.0%	0.0%	
0.3%	13.4%	55.9%	
0.4%	14.7%	65.7%	
0.6%	8.3%	46.9%	
0.0%	11.4%	71.6%	
0.0%	15.7%	67.2%	

Native

Asian Hispanic

concept I Ethnicity Table.	American			American	isianuei	more		American			American	isianuei	more	
Broken Arrow ES - Proposed OFFLINE	0	0	0	0	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Cordley Elementary	11	12	63	11	1	43	179	3.4%	3.8%	19.7%	3.4%	0.3%	13.4%	55.9%
Deerfield Elementary	36	3	64	6	2	83	371	6.4%	0.5%	11.3%	1.1%	0.4%	14.7%	65.7%
Hillcrest Elementary	12	27	114	6	2	30	169	3.3%	7.5%	31.7%	1.7%	0.6%	8.3%	46.9%
Langston Hughes Elementary	14	41	26	6	0	58	365	2.7%	8.0%	5.1%	1.2%	0.0%	11.4%	71.6%
New York Elementary	14	1	19	5	0	36	154	6.1%	0.4%	8.3%	2.2%	0.0%	15.7%	67.2%
Pinckney ES - Proposed OFFLINE	0	0	0	0	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Prairie Park Elementary	17	3	48	11	0	85	241	4.2%	0.7%	11.9%	2.7%	0.0%	21.0%	59.5%
Quail Run Elementary	14	12	32	3	0	46	306	3.4%	2.9%	7.7%	0.7%	0.0%	11.1%	74.1%
Schwegler Elementary	37	9	113	11	1	68	230	7.9%	1.9%	24.1%	2.3%	0.2%	14.5%	49.0%
Sunflower Elementary	30	10	55	11	2	66	298	6.4%	2.1%	11.7%	2.3%	0.4%	14.0%	63.1%
Sunset Hill Elementary	20	4	41	6	0	87	238	5.1%	1.0%	10.4%	1.5%	0.0%	22.0%	60.1%
Woodlawn Elementary	15	0	7	5	0	35	132	7.7%	0.0%	3.6%	2.6%	0.0%	18.0%	68.0%
TOTAL	220	122	582	81	8	637	2,683	5.1%	2.8%	13.4%	1.9%	0.2%	14.7%	61.9%

Pacific

Two or

African

Source: RSP Sophisticated Forecast Model, 2022/23

Concept 1 Ethnicity Table:

Notes: Green shading indicates when building is 5% less in ethnicity from the current boundaries; Orange shading indicates when building is 5% more in ethnicity from current boundaries

Native

	Current	Concept
Concept 1 K-5 Enrollment:	K-5 Total	K-5 Total
Broken Arrow ES - Proposed OFFLINE	271	0
Cordley Elementary	273	320
Deerfield Elementary	468	565
Hillcrest Elementary	307	360
Langston Hughes Elementary	476	510
New York Elementary	201	229
Pinckney ES - Proposed OFFLINE	204	0
Prairie Park Elementary	390	405
Quail Run Elementary	392	413
Schwegler Elementary	339	469
Sunflower Elementary	462	472
Sunset Hill Elementary	356	396
Woodlawn Elementary	194	194
TOTAL	4,333	4,333

Ethnicity Main Takeaways:

- Total enrollment increases from 468 to 565 students at Deerfield; this impacts percentages of ethnicity totals
- Deerfield decreases from 70.9% to 65.7% White students; +39 White students

Source: RSP and USD497

Not officially presented to the committee.

Concept 1: FRL Analysis

Concept 1: Percent Students with Free & Reduced Lunch Status by Building	Current: K-5 Enrollment	Current: FRL %	Concept 1: K-5 Enrollment	Concept 1: FRL %
Broken Arrow ES - Proposed OFFLINE	271	46.5%	0	0.0%
Cordley Elementary	273	48.7%	320	60.0%
Deerfield Elementary	468	29.7%	565	41.6%
Hillcrest Elementary	307	58.3%	360	56.9%
Langston Hughes Elementary	476	11.8%	510	12.9%
New York Elementary	201	64.2%	229	59.0%
Pinckney ES - Proposed OFFLINE	204	63.2%	0	0.0%
Prairie Park Elementary	390	52.8%	405	42.7%
Quail Run Elementary	392	25.3%	413	22.5%
Schwegler Elementary	339	55.8%	469	61.4%
Sunflower Elementary	462	45.9%	472	39.7%
Sunset Hill Elementary	356	45.5%	396	46.7%
Woodlawn Elementary	194	51.0%	194	51.0%
Total	4,333	42.9%	4,333	42.9%

Source: RSP and USD497

Note: FRL student analysis administered by USD497 district staff.

 $Green shading indicates \ when \ FRL\ \% \ decreases \ from\ current \ boundaries \ by \ more \ than\ 10\%; Orange \ shading \ indicated \ when\ FRL\ \% \ increases \ by \ more \ than\ 10\%$

Observations:

•	Schools currently over 50% FRL Students:	 Schools currently under 30% FRL Students:
	☐ Cordley ES	Langston Hughes ES
	☐ Hillcrest ES	Quail Run ES
	☐ New York ES	
	☐ Schwegler ES	
	☐ Woodlawn ES	

Not officially presented to the committee.

Concept 1: SIBC Table



				Coi	ncep	t 1 B	oun	dary	Res	ide					SIBC
Current Boundary Reside	Broken Arrow	Cordley	Deerfield	Hillcrest	Langston Hughes	New York	Pinckney	Prairie Park	Quail Run	Schwegler	Sunflower	Sunset Hill	Woodlawn	Total	Percent Student Impact
Broken Arrow - Proposed OFFLINE								73		107	43			223	100.0%
Cordley						21								21	11.3%
Deerfield									50					50	14.0%
Hillcrest												35		35	26.5%
Langston Hughes															0.0%
New York															0.0%
Pinckney - Proposed OFFLINE			124	45										169	100.0%
Prairie Park		61												61	19.6%
Quail Run					27							2		29	9.4%
Schwegler				34										34	15.1%
Sunflower										39				39	11.7%
Sunset Hill															0.0%
Woodlawn															0.0%
TOTAL	0	61	124	79	27	21	0	73	50	146	43	37	0	661	20.5%

Source: RSP and USD497

SIBC Main Takeaways:

- Broken Arrow students are divided amongst Prairie Park, Schwegler, and Sunflower
- ☐ Pickney students are divided amongst Deerfield and Hillcrest
- ☐ 661 total students impacted 20.5% of K-4 enrollment (5th grade excluded as they will be in MS next year)

Not officially presented to the committee.

Concept 2 DRAFT

Not officially presented to the committee.

Concept 2: Projections

DRAF1

Concept 2: Broken Arrow & Pinckney Offline	Capacity	2023/24	2024/25	2025/26	2026/27	2027/28	2023/24	2024/25	2025/26	2026/27	2027/28
Broken Arrow ES - Proposed OFFLINE	0	0	0	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%
Cordley Elementary	<i>37</i> 5	337	338	333	334	339	89.9%	90.1%	88.8%	89.1%	90.4%
Deerfield Elementary	<i>57</i> 5	536	527	514	504	497	93.2%	91.7%	89.4%	87.7%	86.4%
Hillcrest Elementary	438	382	380	381	389	391	87.2%	86.8%	87.0%	88.8%	89.3%
Langston Hughes Elementary	592	495	486	508	498	527	83.6%	82.1%	85.8%	84.1%	89.0%
New York Elementary	292	209	198	205	203	212	71.6%	67.8%	70.2%	69.5%	72.6%
Pinckney ES - Proposed OFFLINE	0	0	0	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%
Prairie Park Elementary	475	401	393	401	419	427	84.4%	82.7%	84.4%	88.2%	89.9%
Quail Run Elementary	500	384	381	390	402	398	76.8%	76.2%	78.0%	80.4%	79.6%
Schwegler Elementary	507	454	457	457	457	459	89.5%	90.1%	90.1%	90.1%	90.5%
Sunflower Elementary	523	495	482	491	481	475	94.6%	92.2%	93.9%	92.0%	90.8%
Sunset Hill Elementary	446	354	348	350	348	349	79.4%	78.0%	78.5%	78.0%	78.3%
Woodlawn Elementary	300	248	251	255	249	236	82.7%	83.7%	85.0%	83.0%	78.7%
TOTAL	5,023	4,295	4,241	4,285	4,284	4,310	85.5%	84.4%	85.3%	85.3%	85.8%

Source: RSP Sophisticated Forecast Model, 2022/23

Notes: Green shading signals when building is below 75% utilization in a given year; Orange shading signals when building is above 100% building utilization in a given year

Assumes 100% of ELL students currently attending Pinckney will attend Woodlawn

Assumes 100% of ELL students currently attending Broken Arrow will attend Schwegler

NOTE: Elementary projections factor in ELL students are going to their attending school

Concept Main Takeaways:

- Cordley expands south of 23rd street to 25th street (current Broken Arrow)
- Cordley expands southeast of Louisiana street to K-10 (current Broken Arrow)
- Deerfield expands east along 6th street to Michigan street (current Pinckney)
- Hillcrest expands north to 6th street and east to Massachusetts street (current Pinckney and Cordley)
- Langston Hughes expands southwest utilizing county roads (N 1200 Rd, E 1000 Rd, N 950 Rd, E 500 Rd) (current Broken Arrow)

- New York expands to SW corner of 15th street and Massachusetts corner (current Cordley)
- Prairie Park expands west to Hwy 59 (Iowa street) along K-10 (current Broken Arrow)
- Schwegler expands southeast along 25th street to Louisiana street and south to K10 (current Broken Arrow)
- Sunflower expands southwest utilizing county roads (N 1200 Rd, E 1000 Rd, N 950 Rd, E 500 Rd) (current Broken Arrow)
- Boundaries not adjusted: Sunset Hill and Quail Run

Not officially presented to the committee.

Concept 2: Projected 2023/24 Class Size

DRAFT

Concept 2: 2023/24 Projections by Grade	Capacity	K	1	2	3	4	5	K-5
Broken Arrow ES - Proposed OFFLINE	0	0	0	0	0	0	0	0
Cordley Elementary	<i>37</i> 5	60	66	51	50	57	53	337
Deerfield Elementary	<i>57</i> 5	90	84	87	85	99	91	536
Hillcrest Elementary	438	67	61	77	50	62	65	382
Langston Hughes Elementary	592	85	91	69	98	63	89	495
New York Elementary	292	40	35	30	35	28	41	209
Pinckney ES - Proposed OFFLINE	0	0	0	0	0	0	0	0
Prairie Park Elementary	475	71	69	71	58	62	70	401
Quail Run Elementary	500	67	58	75	57	67	60	384
Schwegler Elementary	507	78	78	66	73	86	73	454
Sunflower Elementary	523	77	73	87	91	71	96	495
Sunset Hill Elementary	446	59	66	48	65	53	63	354
Woodlawn Elementary	300	41	35	49	43	42	38	248
TOTAL	5,023	735	716	710	705	690	739	4,295

Source: RSP Sophisticated Forecast Model, 2022/23

Assumes 100% of ELL students currently attending Pinckney will attend Woodlawn

Assumes 100% of ELL students currently attending Broken Arrow will attend Schwegler

Concept 2: Class Size Discussion	Sections per		25 Stude	ent Ratio		30 Stude	nt Ratio
Utilizing 2023/24 Projections	Building	K	1	2	3	4	5
Broken Arrow ES - Proposed OFFLINE	2	0.0	0.0	0.0	0.0	0.0	0.0
Cordley Elementary	3	2.4	2.6	2.0	2.0	1.9	1.8
Deerfield Elementary	4	3.6	3.4	3.5	3.4	3.3	3.0
Hillcrest Elementary	3	2.7	2.4	3.1	2.0	2.1	2.2
Langston Hughes Elementary	4	3.4	3.6	2.8	3.9	2.1	3.0
New York Elementary	2	1.6	1.4	1.2	1.4	0.9	1.4
Pinckney ES - Proposed OFFLINE	2	0.0	0.0	0.0	0.0	0.0	0.0
Prairie Park Elementary	3	2.8	2.8	2.8	2.3	2.1	2.3
Quail Run Elementary	3	2.7	2.3	3.0	2.3	2.2	2.0
Schwegler Elementary	3	3.1	3.1	2.6	2.9	2.9	2.4
Sunflower Elementary	3	3.1	2.9	3.5	3.6	2.4	3.2
Sunset Hill Elementary	3	2.4	2.6	1.9	2.6	1.8	2.1
Woodlawn Elementary	2	1.6	1.4	2.0	1.7	1.4	1.3
TOTAL	37	29.4	28.6	28.4	28.2	23.0	24.6

Source: RSP Sophisticated Forecast Model, 2022/23; USD 497

Note: Orange shading signals when that grade is larger than the average class size ratio; 25 for K-3 and 30 for 4-5.

Not officially presented to the committee.

Concept 2: Ethnicity Analysis

DRAF1

28

Concept 2 Ethnicity Table:	African American	Asian	Hispanic	Native American	Pacific Islander	Two or more	White	African American	Asian	Hispanic	Native American	Pacific Islander	Two or more	White
Broken Arrow ES - Proposed OFFLINE	0	0	0	0	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Cordley Elementary	14	12	68	9	0	54	182	4.1%	3.5%	20.1%	2.7%	0.0%	15.9%	53.7%
Deerfield Elementary	37	4	61	4	2	78	379	6.5%	0.7%	10.8%	0.7%	0.4%	13.8%	67.1%
Hillcrest Elementary	20	26	111	7	2	31	168	5.5%	7.1%	30.4%	1.9%	0.5%	8.5%	46.0%
Langston Hughes Elementary	10	40	29	4	0	53	360	2.0%	8.1%	5.8%	0.8%	0.0%	10.7%	72.6%
New York Elementary	14	1	16	5	0	28	140	6.9%	0.5%	7.8%	2.5%	0.0%	13.7%	68.6%
Pinckney ES - Proposed OFFLINE	0	0	0	0	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Prairie Park Elementary	20	5	41	9	1	86	248	4.9%	1.2%	10.0%	2.2%	0.2%	21.0%	60.5%
Quail Run Elementary	15	12	27	5	0	50	283	3.8%	3.1%	6.9%	1.3%	0.0%	12.8%	72.2%
Schwegler Elementary	29	7	110	14	1	71	217	6.5%	1.6%	24.5%	3.1%	0.2%	15.8%	48.3%
Sunflower Elementary	32	10	61	11	2	64	320	6.4%	2.0%	12.2%	2.2%	0.4%	12.8%	64.0%
Sunset Hill Elementary	12	3	39	6	0	77	219	3.4%	0.8%	11.0%	1.7%	0.0%	21.6%	61.5%
Woodlawn Elementary	17	2	19	7	0	45	167	6.6%	0.8%	7.4%	2.7%	0.0%	17.5%	65.0%
TOTAL	220	122	582	81	8	637	2,683	5.1%	2.8%	13.4%	1.9%	0.2%	14.7%	61.9%

Source: RSP Sophisticated Forecast Model, 2022/23

Notes: Green shading indicates when building is 5% less in ethnicity from the current boundaries; Orange shading indicates when building is 5% more in ethnicity from current boundaries

	Current	Concept
Concept 2 K-5 Enrollment:	K-5 Total	K-5 Total
Broken Arrow ES - Proposed OFFLINE	271	0
Cordley Elementary	273	339
Deerfield Elementary	468	565
Hillcrest Elementary	307	365
Langston Hughes Elementary	476	496
New York Elementary	201	204
Pinckney ES - Proposed OFFLINE	204	0
Prairie Park Elementary	390	410
Quail Run Elementary	392	392
Schwegler Elementary	339	449
Sunflower Elementary	462	500
Sunset Hill Elementary	356	356
Woodlawn Elementary	194	257
TOTAL	4,333	4,333

Ethnicity Main Takeaways:

- Total enrollment increases from 468 to 565 students at Deerfield; this impacts percentages of ethnicity totals
- ☐ Deerfield decreases from 70.9% to 65.7% White students; +39 White students

Source: RSP and USD497

Not officially presented to the committee.

Concept 2: FRL Analysis

Concept 2: Percent Students with Free & Reduced Lunch Status by Building	Current: K-5 Enrollment	Current: FRL %	Concept 2: K-5 Enrollment	Concept 2: FRL %
Broken Arrow ES - Proposed OFFLINE	271	46.5%	0	0.0%
Cordley Elementary	273	48.7%	339	51.3%
Deerfield Elementary	468	29.7%	565	35.8%
Hillcrest Elementary	307	58.3%	365	58.4%
Langston Hughes Elementary	476	11.8%	496	12.3%
New York Elementary	201	64.2%	204	63.7%
Pinckney ES - Proposed OFFLINE	204	63.2%	0	0.0%
Prairie Park Elementary	390	52.8%	410	50.7%
Quail Run Elementary	392	25.3%	392	25.3%
Schwegler Elementary	339	55.8%	449	54.6%
Sunflower Elementary	462	45.9%	500	44.6%
Sunset Hill Elementary	356	45.5%	356	45.5%
Woodlawn Elementary	194	51.0%	257	54.9%
Total	4,333	42.9%	4,333	42.9%

Source: RSP and USD497

Note: FRL student analysis administered by USD497 district staff.

 $Green shading indicates \ when \ FRL\ \% \ decreases \ from\ current \ boundaries \ by \ more \ than\ 10\%; Orange\ shading\ indicated\ when\ FRL\ \% \ increases \ by \ more\ than\ 10\%$

FRL Main Takeaways:

•	Schools currently over 50% FRL Students:						
		Cordley ES					
		Hillcrest ES					
		New York ES					
		Prairie Park ES					
		Schwegler ES					
		Woodlawn ES					

•	Schools currently under 30% FRL Students:
	Langston Hughes ES

Quail Run ES

Not officially presented to the committee.

Concept 2: SIBC Table

	Concept 2 Boundary Reside										SIBC				
Current Boundary Reside	Broken Arrow	Cordley	Deerfield	Hillcrest	Langston Hughes	New York	Pinckney	Prairie Park	Quail Run	Schwegler	Sunflower	Sunset Hill	Woodlawn	Total	Percent Student Impact
Broken Arrow - Proposed OFFLINE		69			16			15		96	27			223	100.0%
Cordley				13		3								16	8.6%
Deerfield															0.0%
Hillcrest															0.0%
Langston Hughes															0.0%
New York															0.0%
Pinckney - Proposed OFFLINE			75	39									55	169	100.0%
Prairie Park															0.0%
Quail Run															0.0%
Schwegler															0.0%
Sunflower															0.0%
Sunset Hill															0.0%
Woodlawn															0.0%
TOTAL	0	69	75	52	16	3	0	15	0	96	27	0	55	408	12.7%

Source: RSP and USD497

SIBC Main Takeaways:

Broken Arrow students are divided amongst Prairie Park, Schwegler, and Sunflower
Piller of the control of the leaves of Park Caller Hills and

☐ Pickney students are divided amongst Deerfield and Hillcrest

☐ 661 total students impacted – 20.5% of K-4 enrollment (5th grade excluded as they will be in MS next year)

Not officially presented to the committee.

Next Steps

Location: Facilities & Operations Building

BAC Timeline – potential:

- ✓ Meeting 1: February 22nd
- ✓ Meeting 2: March 1st
- ☐ Meeting 3: March 8th
- ☐ Meeting 4: March 22nd

BOE Meeting Update: March 27th