

Planning for the Future

BAC Meeting 3

March 8, 2023



Agenda

I. Welcome

Larry Englebrick (5 min)

II. Debate and Dialogue

Larry Englebrick (10 min)

III. Possible Boundary Adjustments

RSP (75 min)

Ground Rules



FACILITATOR WILL LEAD

Facilitator will lead meeting and provide opportunities for discussion

STAY OPEN MINDED



BE AN ACTIVE LISTENER

Provide complete thoughts, have no personal agenda

BE TIMELY

Make your points concisely, allow others a chance



COME PREPARED

Come prepared for the discussion

REMAIN THOUGHTFUL AND RESPECTFUL



REMAIN ENGAGED

Actively participate during the meeting

USE PARKING LOT

Place to save questions for future discussion



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: 4-3 Repurpose 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

BAC Meeting 2 Recap:

Themes of Meeting 2 Feedback:

- ☐ GOAL: Establish which schools students from Broken Arrow and Pinckney potentially be redistributed to

Results for Pinckney Elementary:	Results for Broken Arrow Elementary:
<ul style="list-style-type: none"><input type="checkbox"/> Cordley Elementary<input type="checkbox"/> Deerfield Elementary<input type="checkbox"/> Hillcrest Elementary<input type="checkbox"/> New York Elementary<input type="checkbox"/> Sunset Hill Elementary	<ul style="list-style-type: none"><input type="checkbox"/> Cordley Elementary<input type="checkbox"/> Langston Hughes Elementary<input type="checkbox"/> Prairie Park Elementary<input type="checkbox"/> Schwegler Elementary<input type="checkbox"/> Sunflower Elementary
<p><i>Other discussion points:</i></p> <ul style="list-style-type: none"><i>Challenge of walkability and safety for students across river; reasoning for why Woodlawn is to not be considered</i><i>New York operates as the district's Montessori program; Planned Montessori program expansion may not be conducive to boundary change</i>	<p><i>Other discussion points:</i></p> <ul style="list-style-type: none"><i>Cordley Elementary appears on both lists because its attendance area is adjacent to Pinckney and Broken Arrow attendance areas</i>

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

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.

Legend

-  District Boundary
-  City of Lawrence
-  University of Kansas
-  Parks
-  Recreation
-  Golf Courses
-  Clinton Lake

Elementary Schools

1. Broken Arrow Elementary
2. Cordley Elementary
3. Deerfield Elementary
4. Hillcrest Elementary
5. Langston Hughes Elementary
6. New York Elementary
7. Pinckney Elementary
8. Prairie Park Elementary
9. Quail Run Elementary
10. Schwegler Elementary
11. Sunflower Elementary
12. Sunset Hill Elementary
13. Woodlawn Elementary

Middle Schools

14. Liberty Memorial Central Middle School
15. Billy Mills Middle School
16. Southwest Middle School
17. West Middle School

High Schools

18. Free State High School
19. Lawrence High School

0 0.5 1 Miles
Map data provided by Douglas County, City of Lawrence, USGS, Lawrence School District, and ESRI. Map produced January 2023 by RSP & Associates.

City of Lawrence Quadrant Map

Northwest, Quadrant 4

- K-5 Students: 1,663
- K-5 ELL Students: 133
- Number of ES: 4
- ES Capacity: 2,223
- 27/28 Projected: 1,598

Northeast, Quadrant 1

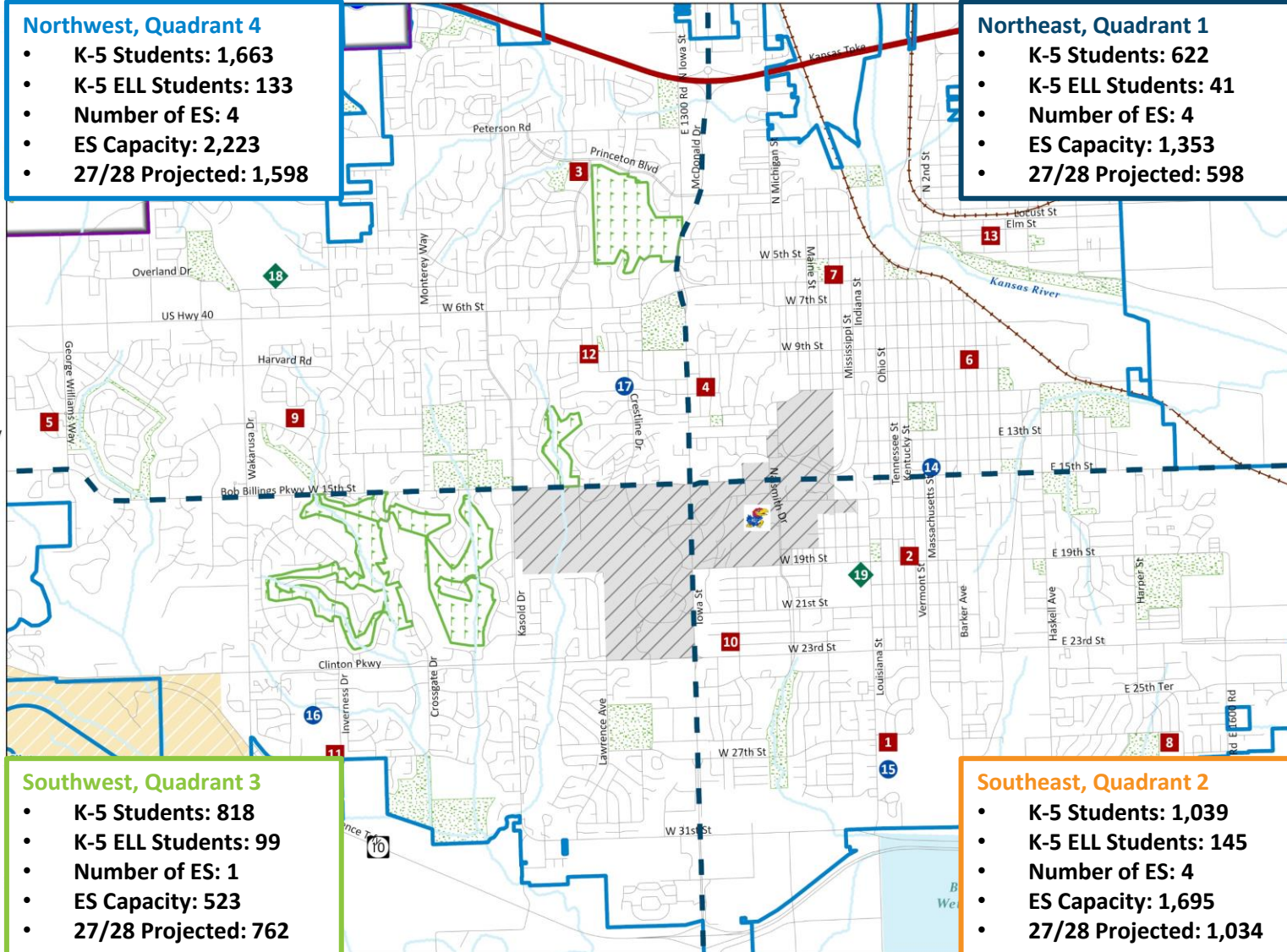
- K-5 Students: 622
- K-5 ELL Students: 41
- Number of ES: 4
- ES Capacity: 1,353
- 27/28 Projected: 598

Southwest, Quadrant 3

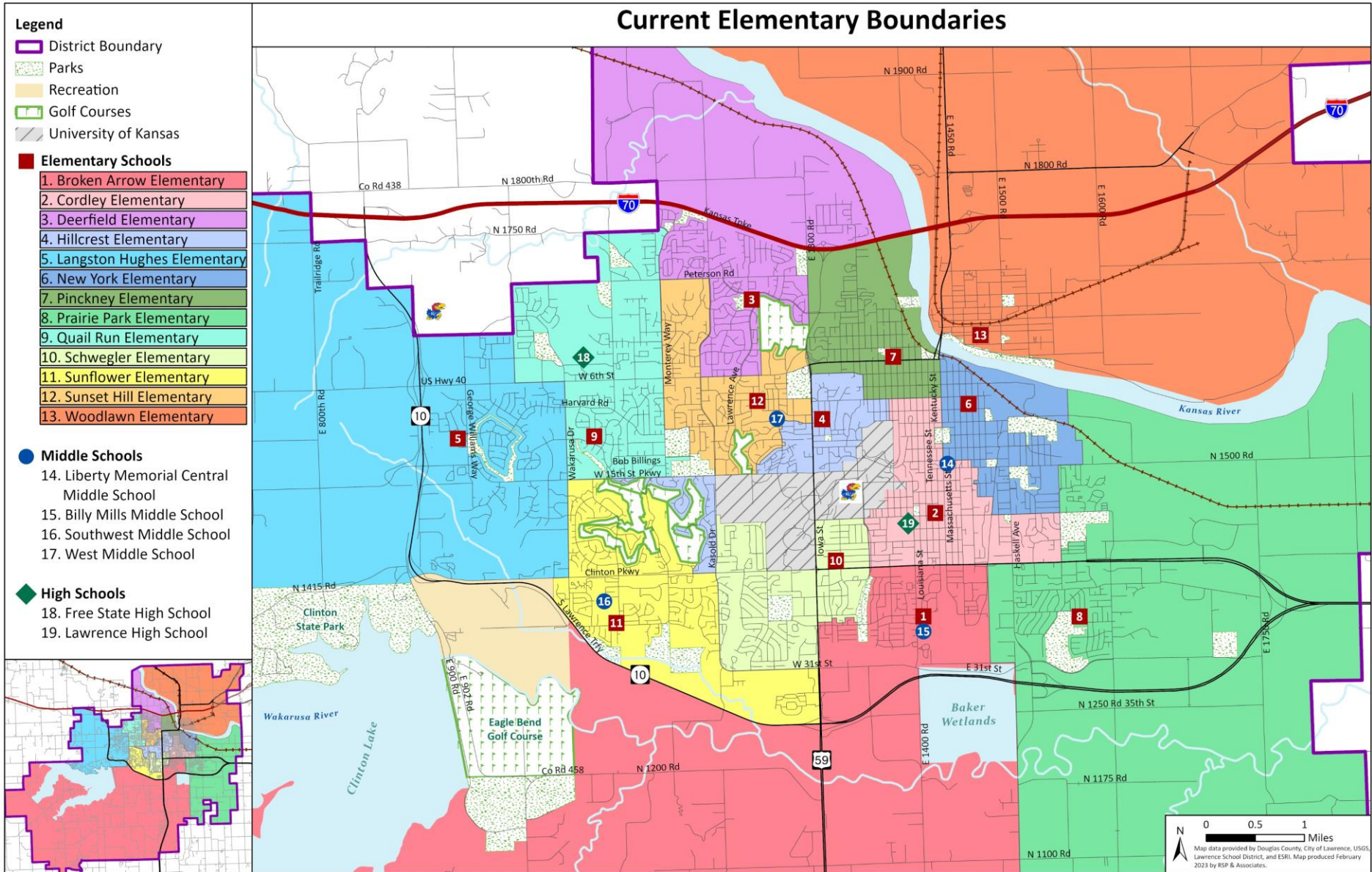
- K-5 Students: 818
- K-5 ELL Students: 99
- Number of ES: 1
- ES Capacity: 523
- 27/28 Projected: 762

Southeast, Quadrant 2

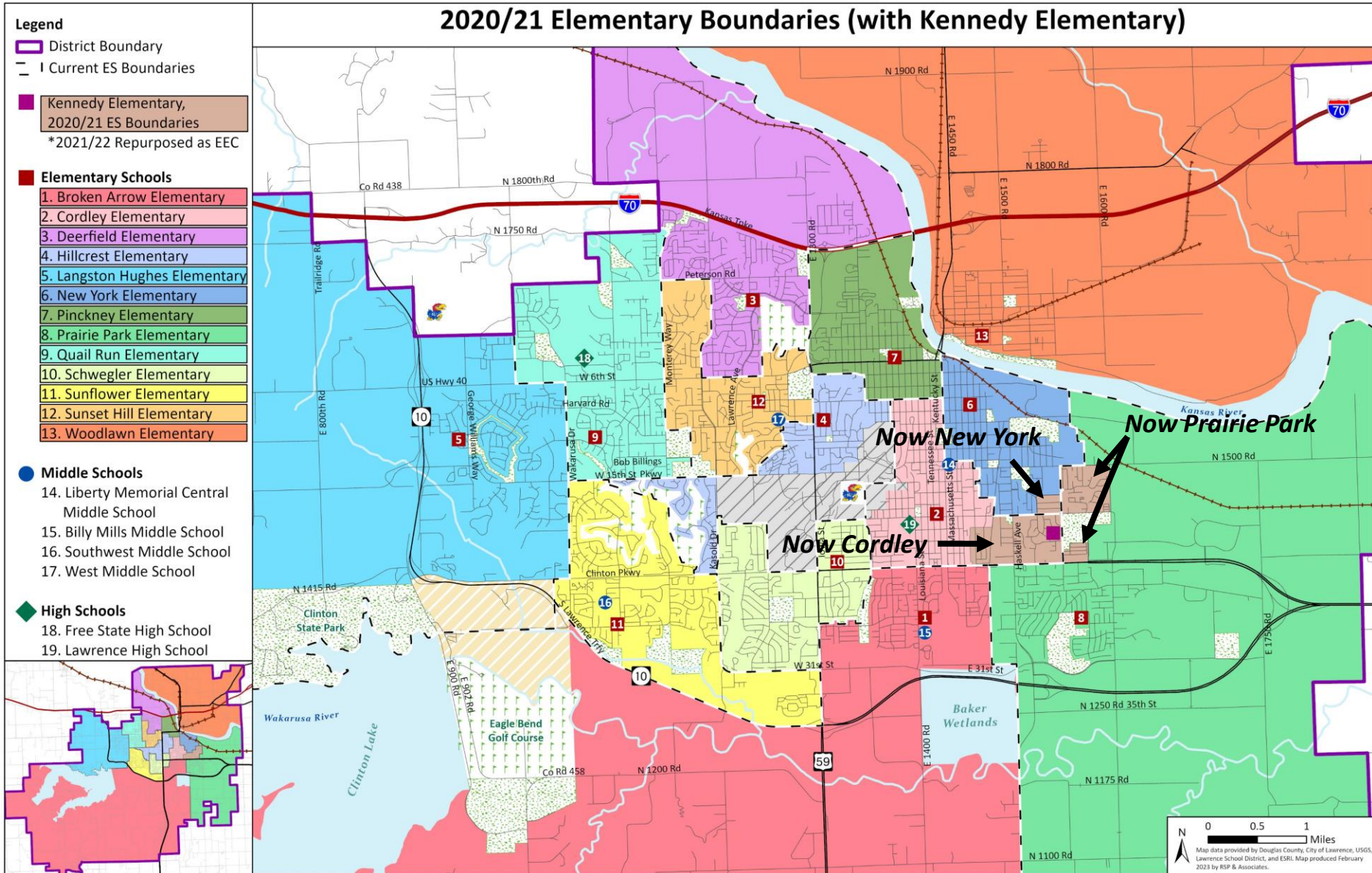
- K-5 Students: 1,039
- K-5 ELL Students: 145
- Number of ES: 4
- ES Capacity: 1,695
- 27/28 Projected: 1,034



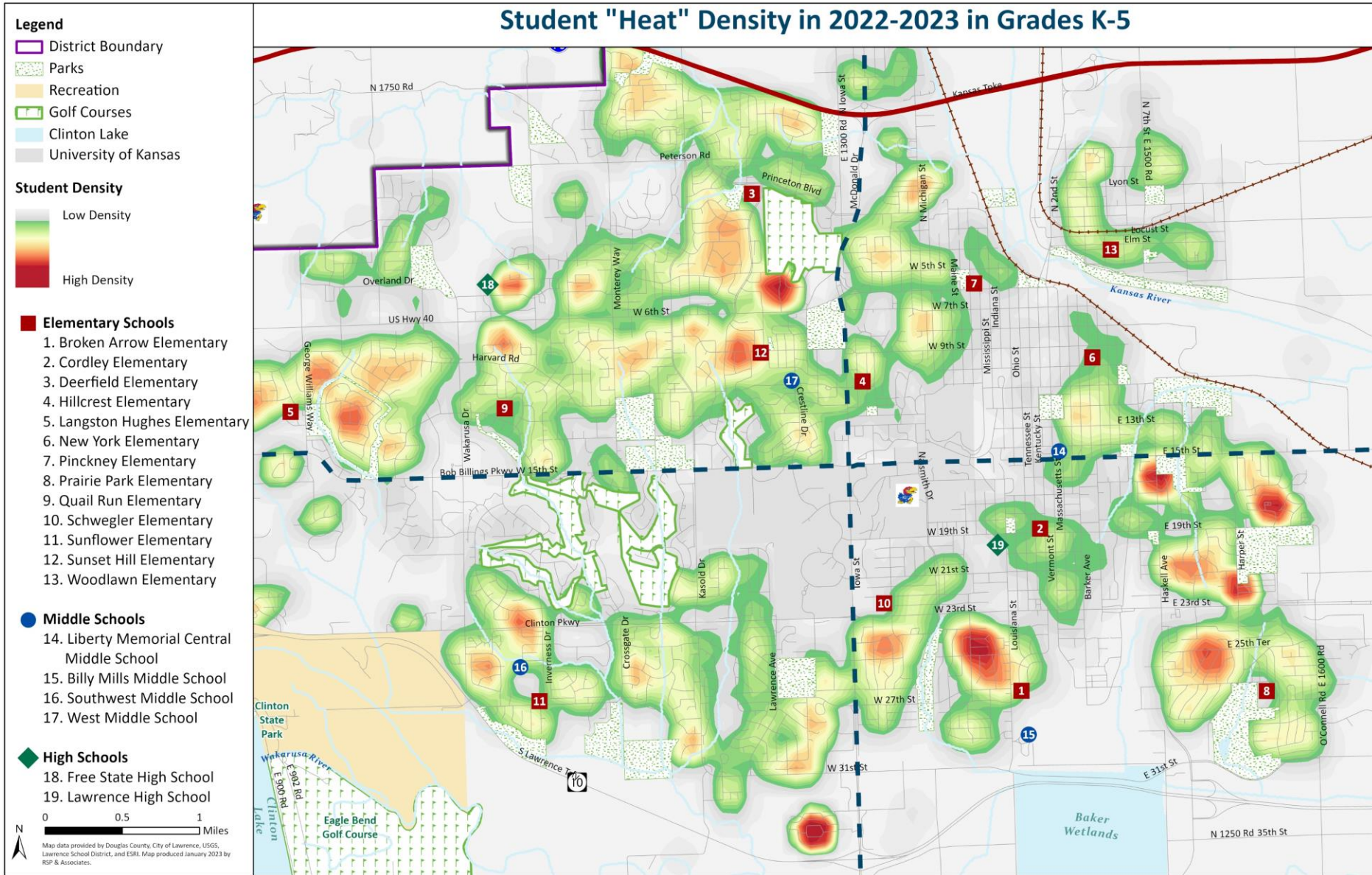
Elementary School Boundaries



2020/21 Elementary Boundary Map




Elementary Student Heat Map



Elementary ELL Student Heat Map

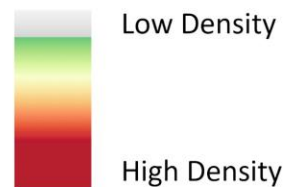
Legend

-  District Boundary
-  Parks
-  Recreation
-  Golf Courses
-  University of Kansas
-  Current ES Boundaries
-  **Elementary Schools**
 1. Broken Arrow Elementary
 2. Cordley Elementary
 3. Deerfield Elementary
 4. Hillcrest Elementary
 5. Langston Hughes Elementary
 6. New York Elementary
 7. Pinckney Elementary
 8. Prairie Park Elementary
 9. Quail Run Elementary
 10. Schwegler Elementary
 11. Sunflower Elementary
 12. Sunset Hill Elementary
 13. Woodlawn Elementary

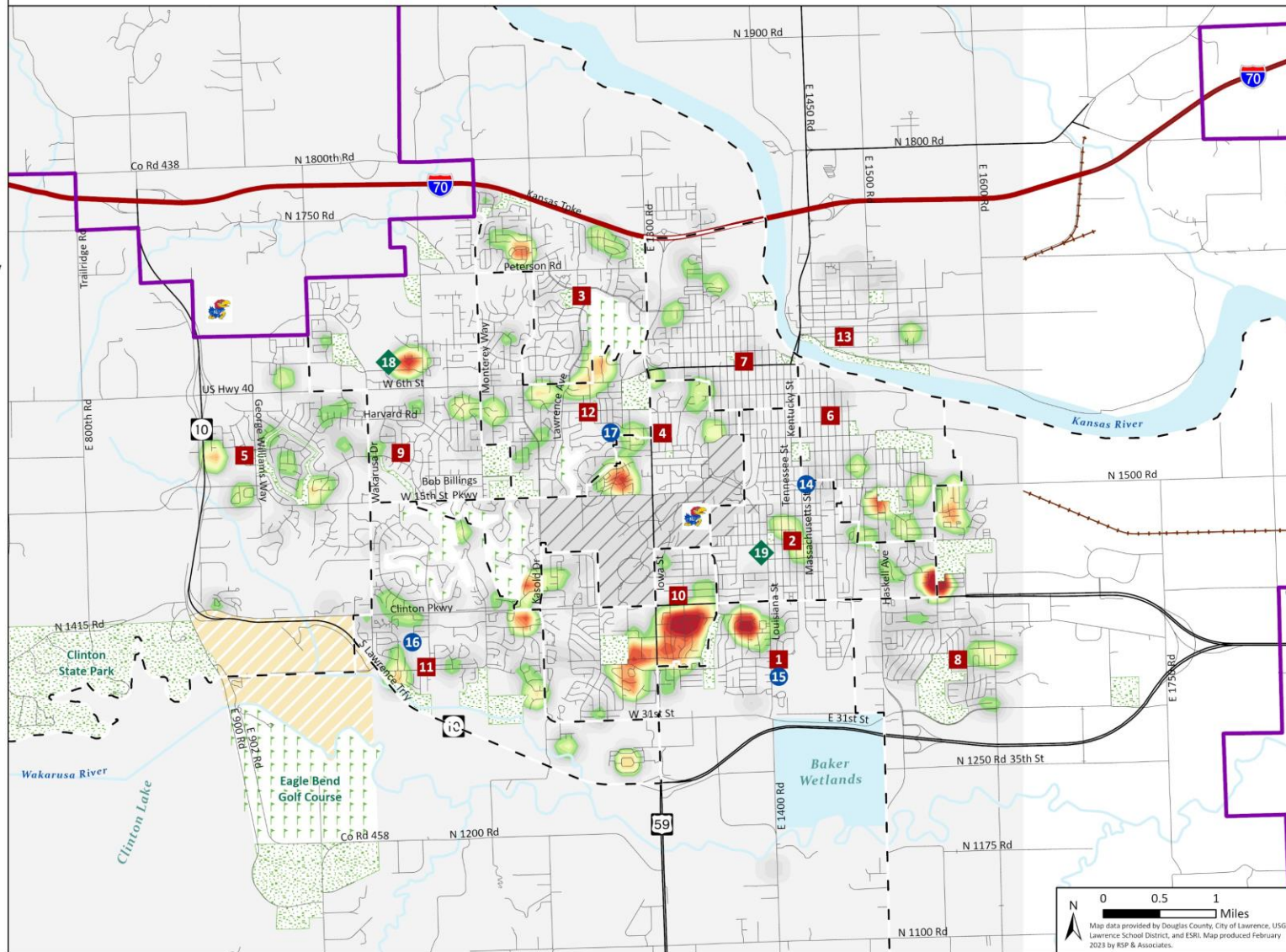
-  **Middle Schools**
 14. Liberty Memorial Central Middle School
 15. Billy Mills Middle School
 16. Southwest Middle School
 17. West Middle School

-  **High Schools**
 18. Free State High School
 19. Lawrence High School

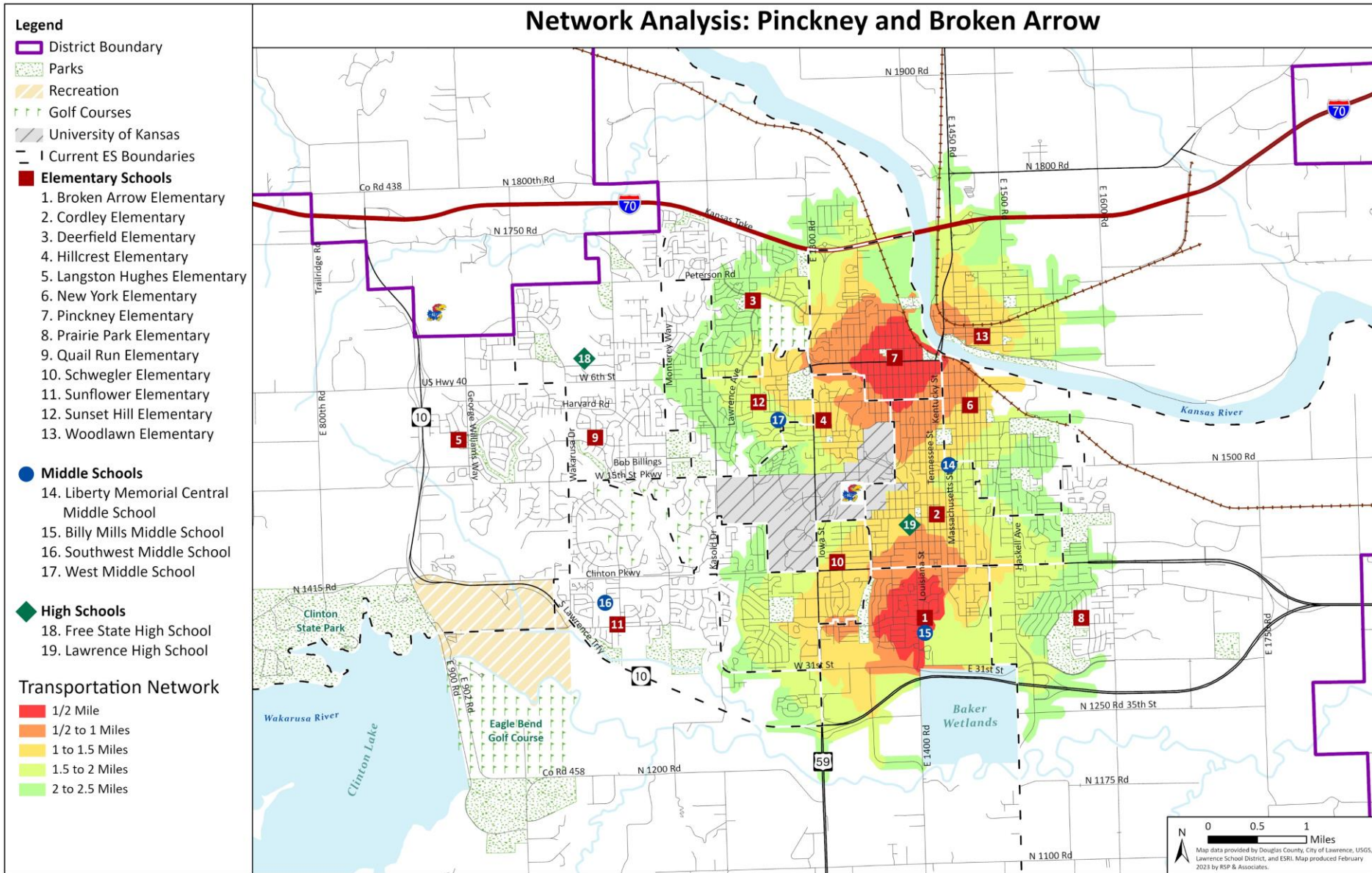
Student Density



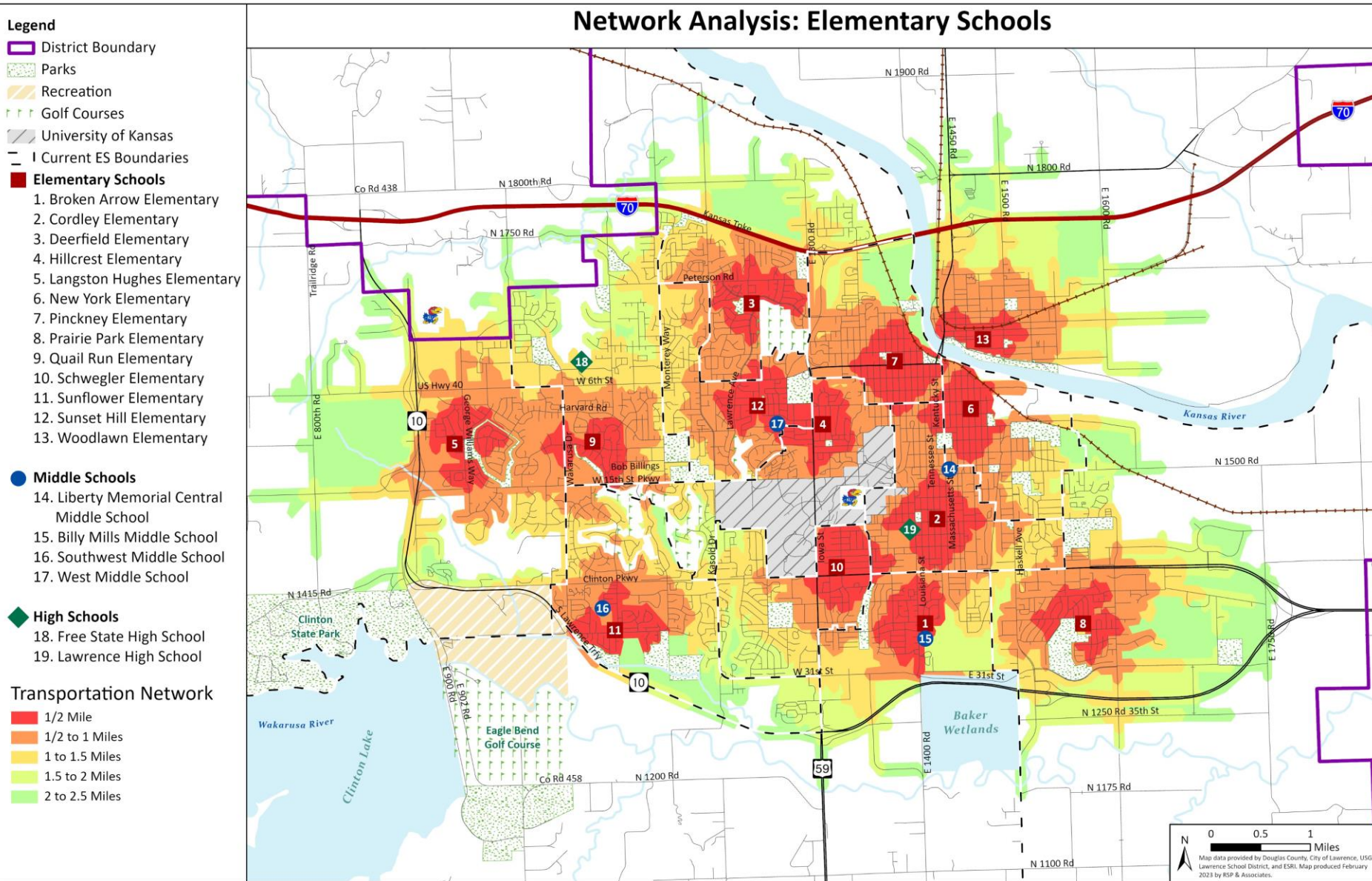
ELL Heat Map K-5



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	375	272	273	270	268	278	72.5%	72.8%	72.0%	71.5%	74.1%
Deerfield Elementary	575	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	375	51	52	38	42	46	43	272
Deerfield Elementary	575	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 Utilizing 2023/24 Projections	Sections per Building	25 Student Ratio				30 Student Ratio	
		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	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	10	11/7/22
Prairie Park Elementary	3	3	3	3	3	2	17	10/18/22
Quail Run Elementary	3	3	2	2	2	2	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-Age	3		5		19		29	
		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 multi-age classrooms
- 164 classrooms are single-age 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

Current MS 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
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: <i>Percent Students with Free & Reduced Lunch Status by Building</i>	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

Concept 1

DRAFT

Concept 1: Projections

DRAFT

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	375	354	355	353	356	364	94.4%	94.7%	94.1%	94.9%	97.1%
Deerfield Elementary	575	535	525	512	500	491	93.0%	91.3%	89.0%	87.0%	85.4%
Hillcrest Elementary	438	383	379	379	387	384	87.4%	86.5%	86.5%	88.4%	87.7%
Langston Hughes Elementary	592	505	494	516	511	532	85.3%	83.4%	87.2%	86.3%	89.9%
New York Elementary	292	206	194	201	201	210	70.5%	66.4%	68.8%	68.8%	71.9%
Pinckney ES - Proposed OFFLINE	0	0	0	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%
Prairie Park Elementary	475	373	363	372	385	398	78.5%	76.4%	78.3%	81.1%	83.8%
Quail Run Elementary	500	412	415	426	432	429	82.4%	83.0%	85.2%	86.4%	85.8%
Schwegler Elementary	507	473	474	470	467	468	93.3%	93.5%	92.7%	92.1%	92.3%
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	183	184	188	184	175	61.0%	61.3%	62.7%	61.3%	58.3%
TOTAL	5,023	4,293	4,243	4,285	4,281	4,307	85.5%	84.5%	85.3%	85.2%	85.7%

Source: RSP Sophisticated Forecast Model, 2022/23

3/6/2023

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 and north of 23rd 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)
- Langston Hughes expands northeast 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)

Concept 1: Projected 2023/24 Class Size

DRAFT

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	375	61	70	54	58	57	54	354
Deerfield Elementary	575	91	87	86	83	100	88	535
Hillcrest Elementary	438	67	58	81	50	61	66	383
Langston Hughes Elementary	592	86	90	74	100	64	91	505
New York Elementary	292	40	35	30	33	27	41	206
Pinckney ES - Proposed OFFLINE	0	0	0	0	0	0	0	0
Prairie Park Elementary	475	67	61	58	54	62	71	373
Quail Run Elementary	500	73	59	81	63	73	63	412
Schwegler Elementary	507	80	88	69	76	80	80	473
Sunflower Elementary	523	75	69	82	86	73	84	469
Sunset Hill Elementary	446	65	73	58	71	63	70	400
Woodlawn Elementary	300	30	26	36	30	29	32	183
TOTAL	5,023	735	716	709	704	689	740	4,293

Source: RSP Sophisticated Forecast Model, 2022/23

3/8/2023

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 Utilizing 2023/24 Projections	Sections per Building	25 Student Ratio				30 Student Ratio	
		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	2.8	2.2	2.3	1.9	1.8
Deerfield Elementary	4	3.6	3.5	3.4	3.3	3.3	2.9
Hillcrest Elementary	3	2.7	2.3	3.2	2.0	2.0	2.2
Langston Hughes Elementary	4	3.4	3.6	3.0	4.0	2.1	3.0
New York Elementary	2	1.6	1.4	1.2	1.3	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	2.7	2.4	2.3	2.2	2.1	2.4
Quail Run Elementary	3	2.9	2.4	3.2	2.5	2.4	2.1
Schwegler Elementary	3	3.2	3.5	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	28.2	23.0	24.7

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

3/8/2023

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

Concept 1: Ethnicity Analysis

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Concept 1 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	12	12	69	9	1	58	206	3.3%	3.3%	18.8%	2.5%	0.3%	15.8%	56.1%
Deerfield Elementary	36	3	64	6	2	82	371	6.4%	0.5%	11.3%	1.1%	0.4%	14.5%	65.8%
Hillcrest Elementary	12	25	113	8	2	31	177	3.3%	6.8%	30.7%	2.2%	0.5%	8.4%	48.1%
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	16	5	0	28	137	7.0%	0.5%	8.0%	2.5%	0.0%	13.9%	68.2%
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	16	3	42	11	0	78	225	4.3%	0.8%	11.2%	2.9%	0.0%	20.8%	60.0%
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	67	228	7.9%	1.9%	24.2%	2.4%	0.2%	14.4%	48.9%
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	2	11	5	0	36	132	7.5%	1.0%	5.5%	2.5%	0.0%	17.9%	65.7%
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

3/8/2023

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

Ethnicity Main Takeaways:

- ❑ Total enrollment increases from 468 to 564 students at Deerfield; this impacts percentage of ethnicity totals
- ❑ Deerfield decreases from 70.9% to 65.8% White students; +39 White students
- ❑ Total enrollment increases from 307 to 368 students at Hillcrest; this impacts percentage of ethnicity totals
- ❑ Hillcrest increases from 42.3% to 48.1% in White students; +47 White students

Concept 1 K-5 Enrollment:	Current K-5 Total	Concept K-5 Total
Broken Arrow ES - Proposed OFFLINE	271	0
Cordley Elementary	273	367
Deerfield Elementary	468	564
Hillcrest Elementary	307	368
Langston Hughes Elementary	476	510
New York Elementary	201	201
Pinckney ES - Proposed OFFLINE	204	0
Prairie Park Elementary	390	375
Quail Run Elementary	392	413
Schwegler Elementary	339	466
Sunflower Elementary	462	472
Sunset Hill Elementary	356	396
Woodlawn Elementary	194	201
TOTAL	4,333	4,333

Source: RSP and USD497

3/8/2023

Concept 1: FRL Analysis

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 Elementary	271	46.5%	0	0.0%
Cordley Elementary	273	48.7%	367	58.3%
Deerfield Elementary	468	29.7%	564	41.6%
Hillcrest Elementary	307	58.3%	368	57.5%
Langston Hughes Elementary	476	11.8%	510	12.9%
New York Elementary	201	64.2%	201	64.2%
Pinckney Elementary	204	63.2%	0	0.0%
Prairie Park Elementary	390	52.8%	375	39.7%
Quail Run Elementary	392	25.3%	413	22.5%
Schwegler Elementary	339	55.8%	466	61.4%
Sunflower Elementary	462	45.9%	472	39.9%
Sunset Hill Elementary	356	45.5%	396	46.7%
Woodlawn Elementary	194	51.0%	201	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 indicates when FRL % increases by more than 10%

Observations:

- Schools currently over 50% FRL Students:
 - ☐ Cordley ES
 - ☐ Hillcrest ES
 - ☐ New York ES
 - ☐ Schwegler ES
 - ☐ Woodlawn ES
- Schools currently under 30% FRL Students:
 - ☐ Langston Hughes ES
 - ☐ Quail Run ES
- Cordley FRL percentage increases by more than 10% and Prairie Park FRL percentage decreases with Concept 1 boundaries

Concept 1: SIBC Table

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Current Boundary Reside	Concept 1 Boundary Reside													SIBC	
	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								76		98	43			217	97.3%
Cordley				13										13	7.0%
Deerfield									50					50	14.0%
Hillcrest												35		35	26.5%
Langston Hughes															0.0%
New York															0.0%
Pinckney - Proposed OFFLINE			123	39									1	163	96.4%
Prairie Park		86												86	27.7%
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	86	123	86	27	0	0	76	50	137	43	37	1	666	20.7%

Source: RSP and USD497

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SIBC Main Takeaways:

- ❑ Broken Arrow students are divided amongst Prairie Park, Schwegler, and Sunflower
- ❑ Pickney students are divided amongst Deerfield and Hillcrest
- ❑ 666 total students impacted – 20.7% of K-4 enrollment (5th grade excluded as they will be in MS next year)

Notes captured by committee and documented by RSP:

Boundary Adjustment Recommendations:

- Sunset Hill and Langston Hughes ES – could they take on more? (North of 6th street between Monterey and Iowa)
- Get rid of weird Hillcrest ES separate space
- We need space at New York ES for Lawrence kids – capacity at Cordley ES
- More kids possible at Sunset? Especially towards the south end of the boundary?
- What is with that funky Hillcrest ES chunk to the west of KU?
- Proposed: move some Deerfield ES students to Woodlawn – will increase their utilization – North of I-70 in Deerfield areas will become orange

Positives of Concept 1

- Like that low SES goes up at Deerfield ES; can we get the low SES at Quail Run ES to increase?
- Cordley and Prairie Park ES; Like that it keeps it separates at 23rd street, but moving kids twice... consider phased boundary change
- Seems all buildings are close to 80% capacity goal

Concerns of Concept 1

- Concerned about enrollment capacity at Cordley ES
- Deerfield and Schwegler ES; taking on significant numbers
- Do we want to send some rural kids to Langston Hughes ES?
- Woodlawn does not grow by much – they want to grow
- Cordley ES capacity percentage is high
- Kennedy students who were moved to Prairie Park, now go to Cordley... They wouldn't have to cross 23rd street and are united with Cordley families, but they are moved again
- Significantly marginalized community moved to a school with large numbers... sunflower to Schwegler
- More students impacted in Concept 1
- The section we are moving into Deerfield is very different than the section we are removing. This will drastically change the SES makeup of Deerfield. Not good or bad, just an observation
- Sunflower to Schwegler – may have lots of walkers crossing two major roads (23rd street and Iowa)

Additional Notes:

- Transportation – have a late state at Sunflower ES
- I-70 for School Routes
- Prioritize class size – need data that compares to current class size
- Students are currently crossing busy intersections with current boundaries... seems unavoidable?
- Southern rural routes – students got to Sunflower ES with a late start, but MS and HS start early

Concept 2

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Concept 2: Projections

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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	375	340	342	337	336	341	90.7%	91.2%	89.9%	89.6%	90.9%
Deerfield Elementary	575	535	533	520	511	502	93.0%	92.7%	90.4%	88.9%	87.3%
Hillcrest Elementary	438	388	386	387	395	397	88.6%	88.1%	88.4%	90.2%	90.6%
Langston Hughes Elementary	592	495	486	508	498	527	83.6%	82.1%	85.8%	84.1%	89.0%
New York Elementary	292	206	194	201	201	210	70.5%	66.4%	68.8%	68.8%	71.9%
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	378	373	375	373	374	84.8%	83.6%	84.1%	83.6%	83.9%
Woodlawn Elementary	300	218	214	217	210	199	72.7%	71.3%	72.3%	70.0%	66.3%
TOTAL	5,023	4,294	4,241	4,284	4,283	4,309	85.5%	84.4%	85.3%	85.3%	85.8%

Source: RSP Sophisticated Forecast Model, 2022/23

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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 south of 23rd street to K-10 utilizing western boundaries of Naismith Trail and Louisiana street (current Broken Arrow)
- Deerfield expands east along 6th street to Kansas River (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 550 Rd) (current Broken Arrow)
- 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 550 Rd) (current Broken Arrow)
- Sunset Hill expands north to Trail Road (current Deerfield)

Concept 2: Projected 2023/24 Class Size

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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	375	60	66	51	52	58	53	340
Deerfield Elementary	575	92	85	89	85	100	84	535
Hillcrest Elementary	438	67	62	79	52	63	65	388
Langston Hughes Elementary	592	85	91	69	98	63	89	495
New York Elementary	292	40	35	30	33	27	41	206
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	63	71	52	69	57	66	378
Woodlawn Elementary	300	35	28	42	37	35	41	218
TOTAL	5,023	735	716	711	705	689	738	4,294

Source: RSP Sophisticated Forecast Model, 2022/23

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

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

Concept 2: Class Size Discussion Utilizing 2023/24 Projections	Sections per Building	25 Student Ratio				30 Student Ratio	
		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	2.1	1.9	1.8
Deerfield Elementary	4	3.7	3.4	3.6	3.4	3.3	2.8
Hillcrest Elementary	3	2.7	2.5	3.2	2.1	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	1.3	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	2.5	2.8	2.1	2.8	1.9	2.2
Woodlawn Elementary	2	1.4	1.1	1.7	1.5	1.2	1.4
TOTAL	37	29.4	28.6	28.4	28.2	23.0	24.6

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

3/8/2023

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

Concept 2: Ethnicity Analysis

DRAFT

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	185	4.1%	3.5%	19.9%	2.6%	0.0%	15.8%	54.1%
Deerfield Elementary	38	4	69	5	2	76	356	6.9%	0.7%	12.5%	0.9%	0.4%	13.8%	64.7%
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	137	7.0%	0.5%	8.0%	2.5%	0.0%	13.9%	68.2%
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	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	79	248	3.1%	0.8%	10.1%	1.6%	0.0%	20.4%	64.1%
Woodlawn Elementary	16	2	11	6	0	45	161	6.6%	0.8%	4.6%	2.5%	0.0%	18.7%	66.8%
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

3/8/2023

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

Ethnicity Main Takeaways:

- ❑ Total enrollment increases from 468 to 550 students at Deerfield; this impacts percentages of ethnicity totals
- ❑ Deerfield decreases from 70.9% to 64.7% White students; +24 White students

Concept 2 K-5 Enrollment:	Current K-5 Total	Concept K-5 Total
Broken Arrow ES - Proposed OFFLINE	271	0
Cordley Elementary	273	342
Deerfield Elementary	468	550
Hillcrest Elementary	307	365
Langston Hughes Elementary	476	496
New York Elementary	201	201
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	387
Woodlawn Elementary	194	241
TOTAL	4,333	4,333

Source: RSP and USD497

3/8/2023

Concept 2: FRL Analysis

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 Elementary	271	46.5%	0	0.0%
Cordley Elementary	273	48.7%	342	51.2%
Deerfield Elementary	468	29.7%	550	39.6%
Hillcrest Elementary	307	58.3%	365	58.8%
Langston Hughes Elementary	476	11.8%	496	12.3%
New York Elementary	201	64.2%	201	64.2%
Pinckney Elementary	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	44.8%
Sunset Hill Elementary	356	45.5%	387	42.9%
Woodlawn Elementary	194	51.0%	241	49.4%
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 indicates 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
- No elementary school's FRL percentage shifts by more than 10% in Concept 2 boundaries

Concept 2: SIBC Table

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Current Boundary Reside	Concept 2 Boundary Reside													SIBC	
	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		90	27			217	97.3%
Cordley				13										13	7.0%
Deerfield												20	30	50	14.0%
Hillcrest															0.0%
Langston Hughes															0.0%
New York															0.0%
Pinckney - Proposed OFFLINE			123	39									1	163	96.4%
Prairie Park															0.0%
Quail Run															0.0%
Schwegler															0.0%
Sunflower															0.0%
Sunset Hill															0.0%
Woodlawn															0.0%
TOTAL	0	69	123	52	16	0	0	15	0	90	27	20	31	443	13.8%

Source: RSP and USD497

3/6/2023

SIBC Main Takeaways:

- ❑ Broken Arrow students are divided amongst Cordley, Langston Hughes, Prairie Park, Schwegler, and Sunflower
- ❑ Pickney students are divided amongst Deerfield, Hillcrest, and Woodlawn
- ❑ 443 total students impacted – 13.8% of K-4 enrollment (5th grade excluded as they will be in MS next year)

Notes captured by committee and documented by RSP:

Boundary Adjustment Recommendations

- Get ride of weird Hillcrest tail
- Consider dividing some of students north of Clinton Parkway between Wakarusa and Kasold drive to Quail Run ES to utilize more building capacity and relieve Sunflower ES (Jayhawk Club Golf Course)
- Quail Run ES is unaffected by Concept #2; can we take pressure off Sunflower ES and move some kids to Quail Run ES?

Positives of Concept 2

- Woodlawn ES grows, which is preferred
- I only support the flex to Woodlawn ES if bussing works
- Looks more balanced by capacity percentage and FRL
- Like the Woodlawn ES plan IF we can bus them
- I really like the idea of adding to Woodlawn. This is a good way to do it. These kids should not be walking

Concerns of Concept 2

- Sunflower ES too close to capacity – negative of concept
- FRL at Quail Run ES could stand to be addressed
- Sunflower to Schwegler ES – may cause lots of students that have to walk across two major streets (Iowa and 23rd); there is no crossing guard at 23rd and Iowa
- Still has the weird Hillcrest ES pocket west of KU
- Can we combine Sunset ES and Quail Run ES in a different way to even out lower SES?
- Concern about kids getting to Schwegler ES across 23rd street and Iowa street – can we have crossing guards?

Additional Notes:

- Sunflower ES has a later start; BMMS/LHS has an early start; what is the impact on rural routes?
- Bussing questions: How long are bus rides? Does this make bus routes increase for the district?

Location: Lawrence Facilities and Operations

BAC Timeline – potential:

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

BOE Meeting Update: March 27th

Committee Meeting 3: Parking Lot Questions:

1. *How many ELL's from Pinckney and Broken Arrow attend cluster sites currently?*
2. *FRL shown as a number, not a percentage*
3. *Can we talk about models for getting kids to Woodlawn?*
4. *Can we get list of the building that are projected to have most growth?*
5. *Need to talk about economics of New York Montessori Model to boundaries, do our boundaries align with economic model?*