

School Board Meeting - Committee of the Whole - Boundary Study Update

Duluth Public Schools, ISD 709

Agenda

Monday, November 18, 2019

UnitedHealth Group Building

4316 Rice Lake Road

Suite 108

Duluth, MN 55811

5:00 PM

1. **Call to Order**
2. **Roll Call**
3. **Boundary Study Update**
4. **Adjournment**

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COOPERATIVE STRATEGIES

COMPLETE FINANCIAL & DEMOGRAPHIC PLANNING FOR EDUCATION

DULUTH PUBLIC SCHOOLS

BOUNDARY FOCUS GROUPS

NOVEMBER 18 & 19, 2019



- Process/Timeline
- Background Data
- Boundary Development Process
- Overview of Focus Group Scenarios
- Next Steps



Background Data Collection & Review – June to October 2019

- GIS – Attendance Boundaries, Student Data, Demographics
- Capacity
- Boundary Development Criteria

Boundary Development Meetings - October 15th & 16th 2019

- Develop draft boundary scenarios for consideration

Focus Group Meetings – November 18th & 19th, 2019

- Get feedback on initial boundary options before presenting to community at large

Community Meetings – January 22nd & 23rd, 2020

- 2 meetings to present options to community and have small group discussion
- Survey and materials available online

Develop Recommendations – February 2020

Board Presentation – Spring 2020



Overcrowding at some elementary schools

- Congdon Park: 113.1% utilization
- Lester Park: 110.7% utilization

Imbalance of enrollment at middle and high schools

School	Enrollment
Lincoln Park MS	714
Ordean East MS	1,115
Denfeld HS	1,018
East HS	1,581

Expansion of Spanish Immersion program at Lowell

- Adding 4th and 5th grade will occupy up to 6 more classrooms

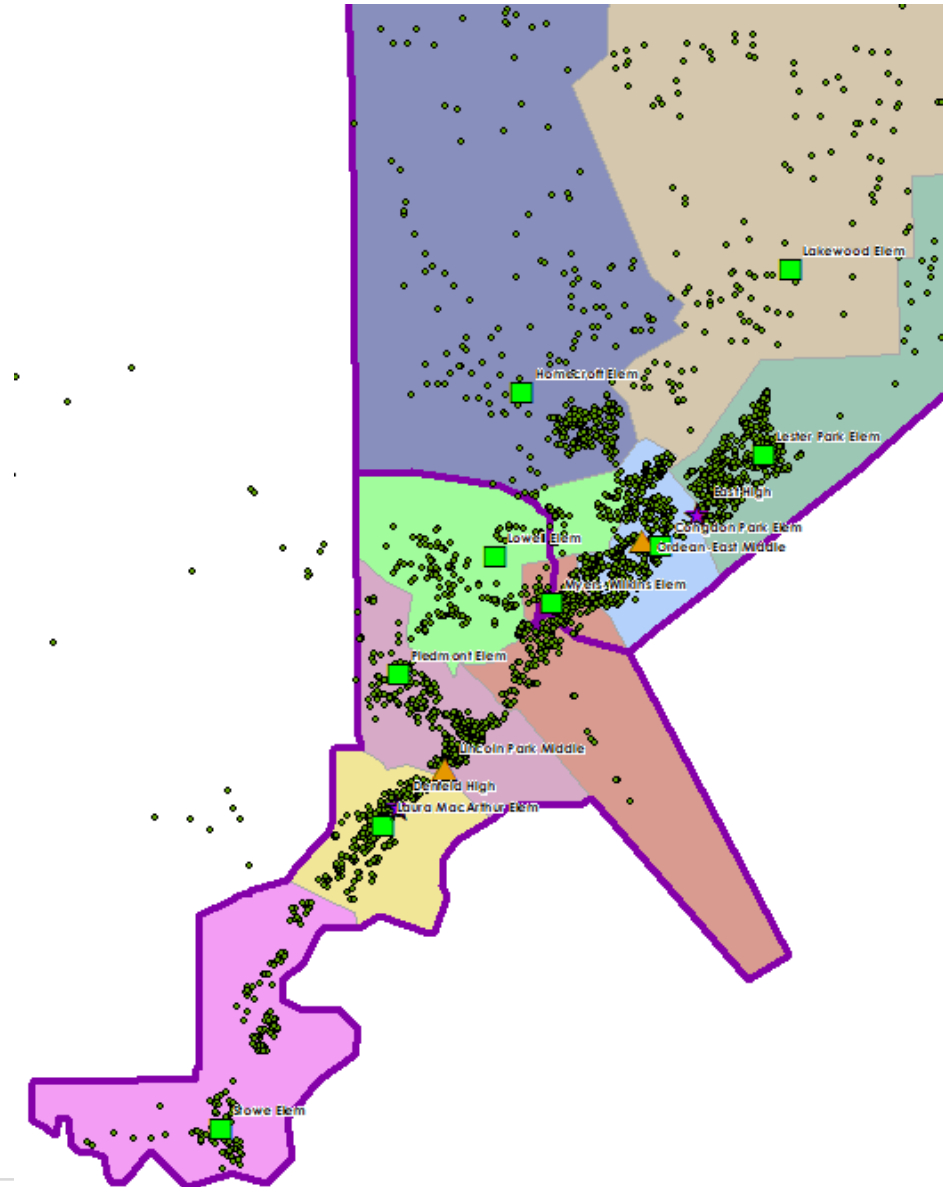


BACKGROUND DATA



Data Collection

- Student databases
- Attendance boundaries
- School points
- Other geographic features



LIVE/ATTEND ANALYSIS



Duluth Public Schools 2019-20 K-12 Live/Attend		Attend																		
		Congdon Elementary School	Homecroft Elementary School	Lakewood Elementary School	Lester Park Elementary	Lowell Elementary School	MacArthur Elementary School	Myers-Wilkins Elementary School	Piedmont Elementary School	Stowe Elementary School	Lincoln Park Middle School	Ordean East Middle School	Denfeld High School	East High School	Lowell Elementary Spanish Immersion	Lowell Elementary Ojibwe Immersion	Area Learning Center	Live-In	Transfer Out	% Transfer Out
Live-In	Congdon Elementary School	535	8	2	8	6	-	26	4	-	-	-	-	35	9	-	633	98	15%	
	Homecroft Elementary School	5	371	16	9	2	-	5	-	-	-	-	-	15	1	-	424	53	13%	
	Lakewood Elementary School	4	9	203	10	1	-	-	1	-	-	-	-	7	4	-	239	36	15%	
	Lester Park Elementary	9	2	3	513	1	-	-	-	1	-	-	-	28	3	-	560	47	8%	
	Lowell Elementary School*	12	3	-	12	159	2	37	6	4	-	-	-	61	16	-	312	76	24%	
	MacArthur Elementary School	3	2	-	-	2	281	5	19	5	-	-	-	8	7	-	332	51	15%	
	Myers-Wilkins Elementary School	11	5	2	4	32	9	255	9	-	-	-	-	41	12	-	380	125	33%	
	Piedmont Elementary School	3	-	-	4	15	26	7	373	2	-	-	-	15	9	-	454	81	18%	
	Stowe Elementary School	-	-	-	2	3	14	2	6	255	-	-	-	-	4	2	-	288	33	11%
	Lincoln Park Middle School	-	-	-	-	-	-	-	-	-	671	31	-	-	-	-	-	702	31	4%
	Ordean East Middle School	-	-	-	-	-	-	-	-	-	15	1,057	-	-	-	-	-	1,072	15	1%
	Denfeld High School	-	-	-	-	-	-	-	-	-	-	-	909	57	-	-	89	1,055	146	14%
	East High	-	-	-	-	-	-	-	-	-	-	-	41	1,432	-	-	69	1,542	110	7%
	Out of District/Unmatched	12	5	3	19	12	13	14	14	3	28	27	68	92	11	5	59	385	-	-
	Attend	594	405	229	581	233	345	351	432	270	714	1,115	1,018	1,581	225	68	217	Total K-12 Students: 8,378		
	Live & Attend	535	371	203	513	159	281	255	373	255	671	1,057	909	1,432	-	-	-			
Transfer In	59	34	26	68	74	64	96	59	15	43	58	109	149	-	-	-				
% Transfer In	10%	8%	11%	12%	32%	19%	27%	14%	6%	6%	5%	11%	9%	-	-	-				

*Students living in the Lowell boundary but attending either the Ojibwe or Spanish Immersion programs are not included in Transfer Out numbers



- **Balance of Utilization & Demographics**
 - Not making additional racially isolated schools
- **Aligning Feeder Patterns**
 - Currently Lowell and Myers-Wilkins split at middle and high school
- **Maintaining Neighborhoods**
- **Aligning to Geographic Features**
 - Not crossing major roads, railroads, etc.
- **Transportation/Proximity to School**
- **Immersion Programs at Lowell**



BOUNDARY DEVELOPMENT MEETINGS



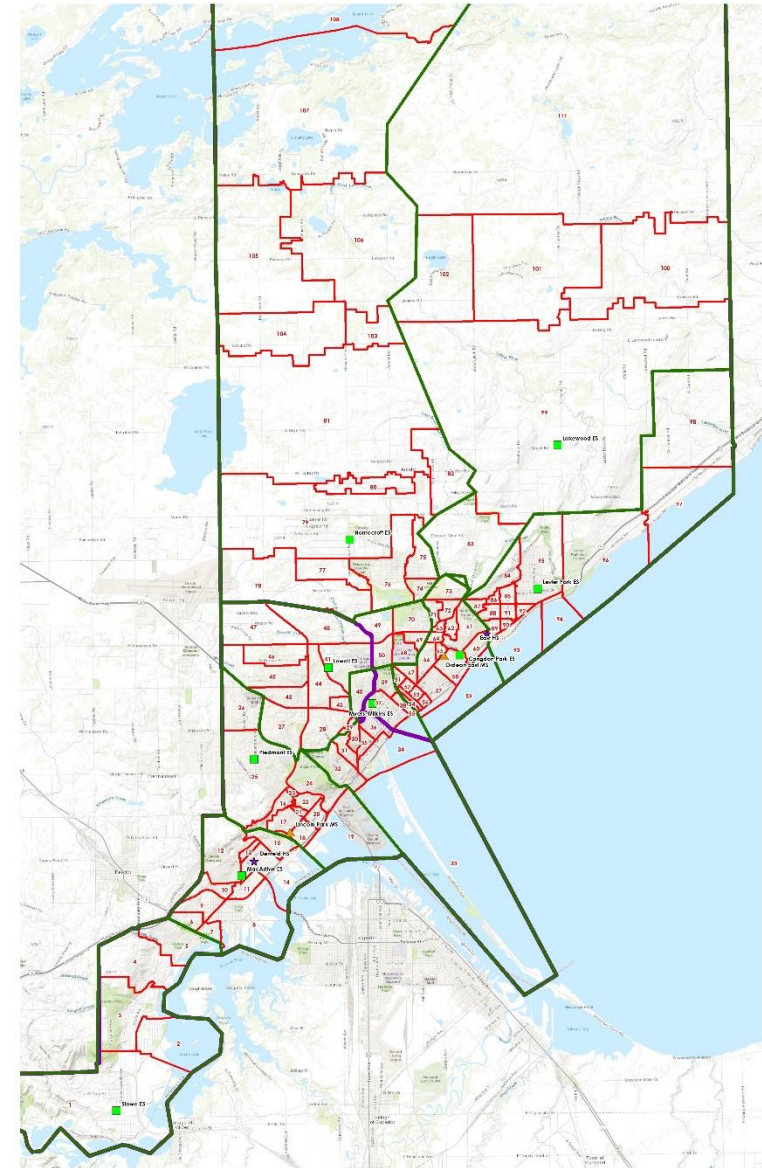
■ October 16th & 17th

- 80 participants
- Small groups working with interactive tool to create boundary scenarios
- 15 draft scenarios developed for review





- **Planning Units**
 - District broken into smaller geographical areas for easier boundary adjustment
 - Align to current attendance boundaries and neighborhoods



EXCEL WORKSHEET



	A	B	C	D	K	L	M	N	O	P	Q	R	S
1	Planning Unit	K-5	6-8	9-12	Neighborhood	ES Current	MS Current	HS Current	Planning Unit	ES Proposed	MS Proposed	HS Proposed	
2													
3	1	106	50	77	Fond Du Lac, Gary New Duluth	Stowe ES	Lincoln MS	Denfeld HS	1	Stowe ES	Dean East MS	Denfeld HS	
4	2	90	44	40	Morgan Park	Stowe ES	Lincoln MS	Denfeld HS	2	Homecroft ES	Lincoln MS	Denfeld HS	
5	3	45	16	21	Smithville	Stowe ES	Lincoln MS	Denfeld HS	3	Lakewood ES	Lincoln MS	Denfeld HS	
6	4	22	9	10	Riverside	Stowe ES	Lincoln MS	Denfeld HS	4	Lester Park ES	Lincoln MS	Denfeld HS	
7	5	17	13	16	Norton Park	Stowe ES	Lincoln MS	Denfeld HS	5	Lowell ES	Lincoln MS	Denfeld HS	
8	6	19	7	6	Fairmount	MacArthur ES	Lincoln MS	Denfeld HS	6	MacArthur ES	Lincoln MS	Denfeld HS	
9	7	5	3	12	Irving	MacArthur ES	Lincoln MS	Denfeld HS	7	Myers-Wilkins ES	Lincoln MS	Denfeld HS	
10	8	36	27	33	Irving	MacArthur ES	Lincoln MS	Denfeld HS	8	Piedmont ES	Lincoln MS	Denfeld HS	
11	9	37	18	30	Fairmount	MacArthur ES	Lincoln MS	Denfeld HS	9	Stowe ES	Lincoln MS	Denfeld HS	
12	10	46	21	40	Cody	MacArthur ES	Lincoln MS	Denfeld HS	10	MacArthur ES	Lincoln MS	Denfeld HS	
13	11	26	5	20	Spirit Valley	MacArthur ES	Lincoln MS	Denfeld HS	11	MacArthur ES	Lincoln MS	Denfeld HS	

- Tool that lets you reassign planning units between boundaries and see changes to live-in enrollment, utilization, and demographics in real time
- Lists the planning unit, number of K-5, 6-8, and 9-12 students residing within that area, attendance boundaries to which that area is currently assigned, and neighborhoods included in that area
 - Live-in numbers do not include Spanish or Ojibwe immersion students
- ES, MS and HS Proposed dropdown lets you pick the school to which an area will be reassigned
- Cell turns yellow once an area has been reassigned

EXCEL WORKSHEET



Current					
School	Capacity	Live-In Enrollment	Live-In Utilization	% Receives F/R Lunch	% Students of Color
Congdon ES	525	571	108.8%	22%	18%
Homecroft ES	425	401	94.4%	21%	7%
Lakewood ES	250	224	89.6%	27%	5%
Lester Park ES	525	515	98.1%	16%	10%
Lowell ES		204		54%	32%
Lowell Spanish Immersion	625	332	96.6%	18%	21%
Lowell Ojibwe Immersion		68		51%	62%
MacArthur ES	352	313	88.9%	72%	37%
Myers-Wilkins ES	440	307	69.8%	78%	51%
Piedmont ES	550	423	76.9%	59%	35%
Stowe ES	550	280	50.9%	60%	21%
Lincoln MS	1282	702	54.8%	65%	35%
Ordean East MS	1411	1072	76.0%	23%	14%
Denfeld HS	1433	1055	73.6%	56%	32%
East HS	1778	1542	86.7%	19%	14%

Scenario					
School	Capacity	Live Enroll	Live-In Utilization	% Receives F/R Lunch	% Students of Color
Congdon ES	525	571	108.8%	22%	18%
Homecroft ES	425	401	94.4%	21%	7%
Lakewood ES	250	224	89.6%	27%	5%
Lester Park ES	525	515	98.1%	16%	10%
Lowell ES		0		0%	0%
Lowell Spanish Immersion	625	332	64.0%	18%	21%
Lowell Ojibwe Immersion		68		51%	62%
MacArthur ES	352	313	88.9%	72%	37%
Myers-Wilkins ES	440	307	69.8%	78%	51%
Piedmont ES	550	423	76.9%	59%	35%
Stowe ES	550	280	50.9%	60%	21%
Lincoln MS	1282	702	54.8%	65%	35%
Ordean East MS	1411	1064	75.4%	24%	13%
Denfeld HS	1433	1055	73.6%	56%	32%
East HS	1778	1525	85.8%	19%	13%

Table displays the following info for each school:

- Capacity
- Current student live-in and live-in utilization (excluding Lowell Spanish & Ojibwe Immersion students)
- Student of color and students receiving free or reduced lunch percentages
- Proposed columns automatically update and show resulting numbers once planning units are reassigned



Impact of Lowell Spanish Immersion Expansion

- Currently 25 K-5 classrooms in the building
- Spanish Immersion program could occupy 18 classrooms upon full K-5 implementation (3 per grade level)
- 6 classrooms occupied by Ojibwe Immersion program
- Leaves 1 classroom for neighborhood students



Scenario A – Lowell Elementary becomes a dedicated Spanish & Ojibwe immersion school

- Serves K-5 Spanish & Ojibwe Immersion
- Lowell elementary planning units must be reassigned to another boundary
- Planning units have additional students pulled out for implementation of K-5 Spanish Immersion, assuming they will continue to attend from same locations

Scenario A					
School	Capacity	Live Enroll	Live-In Utilization	% Receives F/R Lunch	% Students of Color
Congdon ES	525	571	108.8%	22%	18%
Homecroft ES	425	401	94.4%	21%	7%
Lakewood ES	300	224	74.7%	27%	5%
Lester Park ES	525	515	98.1%	16%	10%
Lowell ES		0		0%	0%
Lowell Spanish Immersion	625	332	64.0%	18%	21%
Lowell Ojibwe Immersion		68		51%	62%
MacArthur ES	352	313	88.9%	72%	37%
Myers-Wilkins ES	440	307	69.8%	78%	51%
Piedmont ES	550	423	76.9%	59%	35%
Stowe ES	550	280	50.9%	60%	21%
Lincoln MS	1282	702	54.8%	65%	35%
Ordean East MS	1411	1064	75.4%	24%	13%
Denfeld HS	1433	1055	73.6%	56%	32%
East HS	1778	1525	85.8%	19%	13%



Scenario B – Ojibwe Immersion moves to another facility

- Choose another facility to house Ojibwe Immersion
 - Will reduce this school's capacity by 150
- Leaves 175 student capacity for Lowell neighborhood
- Planning units have additional students pulled out for K-5 Spanish Immersion, assuming they will continue to attend from same locations

	A	B	C	D	K	L	M	
1					Ojibwe Immersion Location →			
2								
3	Planning Unit	K-5	6-8	9-12	Neighborhood	Congdon ES Homecroft ES Lakewood ES Lester Park ES MacArthur ES Myers-Wilkins ES Piedmont ES	MS Current	
4								
5	1	106	50	77	Fond Du Lac, Gary New Duluth	Stowe ES	Lincoln MS	
6	2	90	44	40	Morgan Park	Stowe ES	Lincoln MS	
7	3	45	16	21	Smithville	Stowe ES	Lincoln MS	



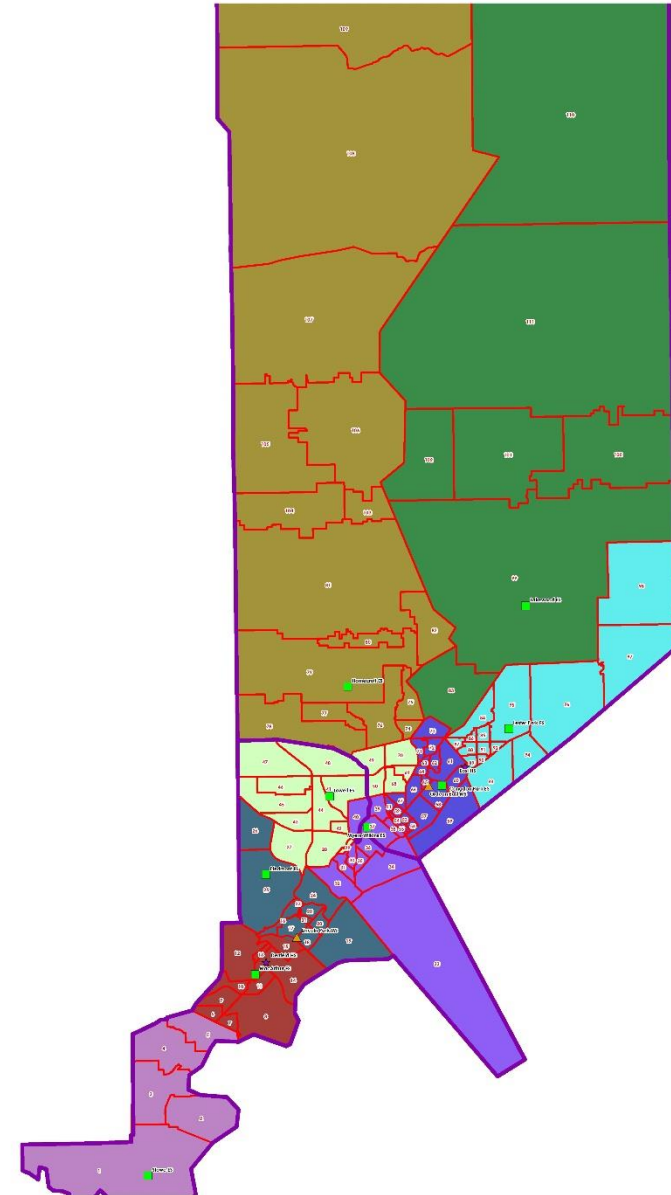
FOCUS GROUP SCENARIOS



Overview

- Elementary school live-in utilization ranges from 50.9% at Stowe to 108.8% at Congdon
- Middle school live-in utilization ranges from 54.8% at Lincoln to 76% at Ordean East. Enrollment difference of 370 students
- High school live-in utilization ranges from 73.6% at Denfeld to 86.7% at East. Enrollment difference of 487 students
- Lowell and Myers-Wilkins split at middle and high school

Current					
School	Capacity	Live-In Enrollment	Live-In Utilization	% Receives F/R Lunch	% Students of Color
Congdon ES	525	571	108.8%	22%	18%
Homecroft ES	425	401	94.4%	21%	7%
Lakewood ES	300	224	74.7%	27%	5%
Lester Park ES	525	515	98.1%	16%	10%
Lowell ES	625	204	96.6%	54%	32%
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MacArthur ES	352	313	88.9%	72%	37%
Myers-Wilkins ES	440	307	69.8%	78%	51%
Piedmont ES	550	423	76.9%	59%	35%
Stowe ES	550	280	50.9%	60%	21%
Middle Schools					
Lincoln MS	1282	702	54.8%	65%	35%
Ordean East MS	1411	1072	76.0%	23%	14%
High Schools					
Denfeld HS	1433	1055	73.6%	56%	32%
East HS	1778	1542	86.7%	19%	14%





Scenario 1 Overview

- 877 total K-12 students moved (577 ES, 122 MS, 178 HS)
- Lowell ES becomes Spanish and Ojibwe Immersion school only
- Elementary school live-in utilization ranges from 68.5% at Stowe to 98.7% at Congdon
- Myers-Wilkins students of color % drops 3%
- All elementary schools feed 100% to same middle and high school
- Enrollment more balanced at MS and HS, but East becomes less diverse



Scenario 2 Overview

- 1,349 total K-12 students moved (599 ES, 253 MS, 429 HS)
- Lowell ES becomes neighborhood and Spanish Immersion school
- Ojibwe Immersion moves to Stowe ES
- Stowe neighborhood capacity drops to 400
- Congdon and Myers-Wilkins becomes a K-2 / 3-5 shared boundary
 - No racially identifiable schools
- Elementary school live-in utilization ranges from 76% at Stowe to 98.4% at Myers-Wilkins
- Lowell and Homecroft split at middle and high school



Scenario 3 Overview

- 296 total K-12 students moved (216 ES, 3 MS, 9 HS)
 - Includes 68 Ojibwe Immersion students
- Lowell ES becomes neighborhood and Spanish Immersion school
- Ojibwe Immersion moves to Stowe ES
- Stowe neighborhood capacity drops to 400
- Elementary school live-in utilization ranges from 76% at Stowe to 98.3% at Lakewood
- Myers-Wilkins students of color % drops 3%
- Myers-Wilkins and Lowell continues to split at middle and high school
- Very small change at MS/HS to avoid small Homecroft feeder split



Scenario 4 Overview

- 1,425 total K-12 students moved (515 ES, 342 MS, 568 HS)
- Lowell ES becomes Spanish and Ojibwe Immersion school only
- Elementary school live-in utilization ranges from 68.5% at Stowe to 97.2% at Lakewood
- Myers-Wilkins students of color % drops 6%
- All elementary schools feed 100% to same middle and high school
- Enrollment and demographics more balanced at MS and HS



Focus Groups

- Continue on November 19th & 20th

Open Community Meetings – January 22nd & 23rd

- Materials and survey will be online starting in early January

Develop Recommendations – February 2020

Board Presentation – Spring 2020