

Northwest Local School District, OH

IPT Meeting 3 Handout: DRAFT Options Analysis December 7, 2022





IPT Meeting Handout: DRAFT Options Analysis

The following document contains a series of tables and maps comparing current enrollment and utilization statistics with the first two DRAFT options. Impact and feeder pattern tables are also included. These DRAFT options are a starting point for discussion. The current student enrollment numbers were derived from the district's 2022-23 Student Database dated October 4, 2022.

Glossary of Terms

<u>Capacity</u> - the number of students that an individual school has the physical capacity to enroll and can be reasonably accommodated in a facility.

<u>Utilization</u> - Utilization is the total enrollment divided by the capacity, described as a percentage.

<u>Live-in students</u> – Students residing inside of a school attendance boundary, regardless of where that student attends school.

Live and Attend - Students who attend the assigned schools for the zones where they live.

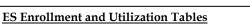
Live Out Attend In – Students that live outside of their attending school's boundary but reside within the Northwest Local School District's boundary.

Out of District students - Students that live outside of the Northwest Local School District's boundary.

<u>Unmatched students</u> - Students whose address was not able to be located by the GIS.

<u>Feeder Pattern</u> – The number of students living within the attendance boundary of both a lower grade cohort (ex. Elementary schools) and a higher-grade cohort (i.e., Middle School). This is given as both the number of Live-In students and described as a percentage.





The following tables show current utilization by percentage based on current enrollment and 2022-23 building capacity compared to DRAFT option estimated enrollment based on student live-in (students are assumed to attend the school to which they are zoned).Cells are color coded based on deviation from the standard percentage in each field. Percentages are rounded.

Within 10% Between 10-15% Over/Under 15%

						ES C	Current	(2022-	23)					
					I	Enrolln	nent an	d Utili	zation					
Elementary School	2022-23 Capacity	Grade Config.	0	1	2	3	4	5	Current Enrollment	Current Utilization	Trend			
Colerain Elementary	760	K-5	93	99	96	96	88	114	586	77%	▶			
Monfort Heights Elementary	695	K-5	80	80	65	77	95	98	495	71%	Þ			
Pleasant Run Elementary	834	K-5	136	174	156	159	158	143	926	111%				
Struble Elementary	834	K-5	143	155	146	130	155	160	889	107%				
Taylor Elementary	834	K-5	K-5 141 146 135 139 141 121 823 99%											
Total	3,957		593 654 598 601 637 636 3,719 94%											

]	ES Opt	ion 1					
					I	Enrollm	ient an	d Utili	zation				
Elementary School	2022-23 Capacity	Grade Config.	KG 01 02 03 04 05 Trend										
Colerain Elementary	760	K-5	115	127	112	110	103	129	696	92%			
Monfort Heights Elementary	695	K-5	91	107	92	91	118	126	625	90%	•		
Pleasant Run Elementary	834	K-5	114	137	129	135	146	126	787	94%	•		
Struble Elementary	834	K-5	134	134	124	130	141	137	800	96%	•		
Taylor Elementary	834	K-5											
Total	3,957		593	654	598	601	637	636	3,719	94%	-		

]	ES Opt	ion 2			
					I	Enrollm	ient an	d Utiliz	zation		
Elementary School	2022-23 Capacity	Grade Config.	KG	01	02	03	04	05	Estimated Enrollment	Estimated Utilization	Trend
Colerain Elementary	760	K-5	110	127	105	112	109	120	683	90%	
Monfort Heights Elementary	695	K-5	93	109	99	93	120	128	642	92%	
Pleasant Run Elementary	834	K-5	126	148	141	145	149	130	839	101%	
Struble Elementary	834	K-5	124	122	115	116	127	130	734	88%	
Taylor Elementary	834	K-5	140	148	138	135	132	128	821	98%	
Total	3,957		593	654	598	601	637	636	3,719	94%	•

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12/07/2022



MS Enrollment and Utilization Tables

				Ν	IS Curi	rent (2022-23)				
		Enrollment and Utilization									
Middle School	2022-23 Capacity	Grade Config.	6	7	8	Current Enrollment	Current Utilization	Trend			
Colerain Middle School	449	6-8	191	199	196	586	131%	-			
Pleasant Run Middle School	692	6-8	206	233	266	705	102 %	-			
White Oak Middle School	587	6-8	236	228	265	729	124%	-			
Total	1,728	3 633 660 727 2,020 117% ▼									

					MS	Option 1						
		Enrollment and Utilization										
Middle School	2022-23 Capacity	Grade Config.	06	07	08	Estimated Enrollment	Estimated Utilization	Trend				
Colerain Middle School	449	6-8	166	183	167	516	115%					
Pleasant Run Middle School	692	6-8	210	239	264	713	103%	•				
White Oak Middle School	587	6-8	257	238	296	791	135%					
Total	1,728	8 633 660 727 2,020 117% 🗸										

					MS	Option 2						
		Enrollment and Utilization										
Middle School	2022-23 Capacity	Grade Config.	06	07	08	Estimated Enrollment	Estimated Utilization	Trend				
Colerain Middle School	449	6-8	176	197	185	558	124%					
Pleasant Run Middle School	692	6-8	212	240	267	719	104%					
White Oak Middle School	587											
Total	1,728	633 660 727 2,020 117% v										



]	HS Enrollment and Utilization Tables											
					HSC	Current	t (2022-23)						
				Ε	Enrollm	ient an	d Utilization						
High School	2022-23	Grade	9	10	11	12	Current	Current	Trend				
High School	Capacity	Config.	9	10	11	12	Enrollment	Utilization	Tienu				
Colerain High School	1,750	9-12	434	497	462	464	1,857	106%	4				
Northwest High School	1,173	9-12	260	259	208	240	967	82%					
Total	2,923	694 756 670 704 2,824 97% ▲											

		HS Option 1									
		Enrollment and Utilization									
High School	2022-23	Grade	9	10	11	12	Estimated	Estimated	Trend		
	Capacity	Config.	9	10	11	12	Enrollment	Utilization	Tiellu		
Colerain High School	1,750	9-12	425	491	447	460	1,823	104%	•		
Northwest High School	1,173	9-12	269	264	223	244	1,000	85%			
Total	2,923	3 694 755 670 704 2,823 97% 🛆									

			HS Option 2									
		Enrollment and Utilization										
High School	2022-23	Grade	9	10	11	12	Current	Current	Trend			
High School	Capacity	Config.	9	10	11	12	Enrollment	Utilization	Tienu			
Colerain High School	1,750	9-12	424	491	444	454	1,813	104%	•			
Northwest High School	1,173	9-12	270	264	226	250	1,010	86%				
Total	2,923		694	755	670	704	2,823	97%				



ES Demographic Statistics

The following tables compare current race/ethnic and free/reduced lunch demographic statistics to the DRAFT options statistics. Statistics are shown as a percentage of students by school compared to the district average percentage.

		ES Current (2022-23)												
		Race / Ethnicity Percentage Lunch Percentage												
Elementary School	Asian	Black	Hispanic	American Indian	Mutli-racial	Native Hawaiian or P.I.	White	No Race Code	Free	Reduced				
Colerain Elementary	6%	19 %	6%	0%	14%	0%	55%	1%	39%	9%				
Monfort Heights Elementary	5%	22%	3%	0%	12%	0%	57%	0%	36%	9%				
Pleasant Run Elementary	6%	43%	8%	0%	12%	0%	29%	1%	42%	6%				
Struble Elementary	14%	34%	6%	0%	10%	0%	35%	1%	44%	7%				
Taylor Elementary	1%	42%	10%	0%	14%	1%	30%	1%	48%	6%				
Total	7%	34%	7%	0%	12%	0%	39 %	1%	43%	7%				

		ES Option 1											
			ŀ	Race / Ethnici	ity Percentag	e			Lunch Pe	rcentage			
Elementary School	Asian	Black	Hispanic	American Indian	Mutli-racial	Native Hawaiian or P.I.	White	No Race Code	Free	Reduced			
Colerain Elementary	5%	23%	6%	0%	14%	0%	51%	1%	36%	8%			
Monfort Heights Elementary	9%	2 0%	4%	0%	11%	0%	56%	0%	35%	9%			
Pleasant Run Elementary	7%	44%	8%	0%	12%	0%	28%	1%	41%	6%			
Struble Elementary	12%	40%	6%	0%	11%	0%	31%	1%	48%	7%			
Taylor Elementary	2%	39%	9%	0%	14%	1%	33%	1%	50%	6%			
Total	7%	34%	7%	0%	12%	0%	39%	1%	43%	7%			

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	ES Demographic Statistics Continued												
					ES Of	otion 2							
		Race / Ethnicity Percentage Lunch Percentage											
Elementary School	Asian	Black	Hispanic	American Indian	Mutli-racial	Native Hawaiian or P.I.	White	No Race Code	Free	Reduced			
Colerain Elementary	5%	27%	7%	0%	14%	0%	44%	1%	39%	8%			
Monfort Heights Elementary	10%	21%	4%	0%	11%	0%	57%	0%	36%	9%			
Pleasant Run Elementary	7%	45%	9%	0%	13%	0%	32%	1%	44%	6%			
Struble Elementary	11%	35%	5%	0%	10%	0%	29%	1%	44%	6%			
Taylor Elementary	2%												
Total	7%	34%	7%	0%	12%	0%	39%	1%	43%	7%			



MS Demographic Statistics MS Current (2022-23) **Race / Ethnicity Percentage** Lunch Percentage Native American No Race Hispanic Mutli-racial Hawaiian Middle School Asian Black White Reduced Free Indian Code or P.I. Colerain Middle School 2% 32% 4% 0% 1% 45% 13% 1% 42% 10% Pleasant Run Middle School 3% 8% 33% 5% 41% 0% 15% 1% 1% 44% 7% White Oak Middle School 6% 35% 5% 0% 11% 0% 43% 1% 40% Total 4% 36% 5% 0% 13% 0% 40% 1% 42% 7%

		MS Option 1								
		Race / Ethnicity Percentage Lunch Pe							ercentage	
Middle School	Asian	Black	Hispanic	American Indian	Mutli-racial	Native Hawaiian or P.I.	White	No Race Code	Free	Reduced
Colerain Middle School	2%	29%	4%	0%	14%	1%	49%	2%	41%	9%
Pleasant Run Middle School	3%	40%	8%	0%	14%	1%	33%	1%	43%	5%
White Oak Middle School	5%	37%	5%	0%	11%	0%	41%	1%	42%	8%
Total	4%	36%	5%	0%	13%	0%	40%	1%	42%	7%

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MS Demographic Statistics Continued										
		MS Option 2								
		Race / Ethnicity Percentage Lunch Percentage								
Middle School	Asian	Black	Hispanic	American Indian	Mutli-racial	Native Hawaiian or P.I.	White	No Race Code	Free	Reduced
Colerain Middle School	2%	33%	4%	0%	13%	1%	45%	1%	44%	10%
Pleasant Run Middle School	3%	40%	8%	0%	14%	1%	33%	1%	43%	5%
White Oak Middle School	6%	35%	4%	0%	11%	0%	44%	1%	40%	7%
Total	4%	36%	5%	0%	13%	0%	40%	1%	42%	7%



HS Enrollment and Utilization Statistics										
		HS Current (2022-23)								
		Race / Ethnicity Percentage Lunch Percentage						rcentage		
High School	Asian	Black	Hispanic	American Indian	Mutli-racial	Native Hawaiian	White	No Race Code	Free	Reduced
Colerain High School	4%	33%	4%	0%	10%	0%	45%	1%	39%	8%
Northwest High School	4%	40%	10%	0%	12%	1%	36%	2%	46%	9%
Total	4%	36%	6%	0%	11%	0%	42%	1%	41%	8%
		HS Option 1 Race / Ethnicity Percentage Lunch Percentage								
High School	Asian	Black	Hispanic	American Indian	Mutli-racial	Native Hawaiian	White	No Race Code	Free	Reduced
Colerain High School	4%	34%	4%	0%	10%	0%	46%	1%	39%	8%
Northwest High School	4%	39%	9%	0%	11%	1%	34%	2%	44%	8%
Total	4%	36%	6%	0%	11%	0%	42%	1%	41%	8%

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HS Enrollment and Utilization Statistics Continued										
		HS Option 2								
		Race / Ethnicity Percentage Lunch Percentage								
High School	Asian	Black	Hispanic	American Indian	Mutli-racial	Native Hawaiian	White	No Race Code	Free	Reduced
Colerain High School	4%	34%	4%	0%	10%	0%	46%	1%	39%	8%
Northwest High School	4%	39%	9%	0%	11%	1%	35%	2%	44%	9%
Total	4%	36%	6%	0%	11%	0%	42%	1%	41%	8%



Feeder Patterns

The following tables show the percentage of students from each elementary school that attend each middle school upon graduating 5th grade and the percentage of students from each middle school that attend each high school upon graduating 8th grade in both the current zone configuration and the DRAFT options.

Number of Splits

	ES to MS	MS to HS
	Splits	Splits
Current	1	0
Option 1	1	0
Option 2	1	0

Current ES to MS Feeder

2022-23 ES Zone	2022-23 MS Zone	ES		
		Attendance		
Colerain	Colerain	100%		
Monfort Heights	White Oak	100%		
Pleasant Run	Pleasant Run	100%		
Struble	White Oak	100%		
Taylor	Colerain	49%		
Taylor	Pleasant Run	51%		

Current MS to HS Feeder

2022-23 MS Zone	2022-23 HS Zone	MS
2022-25 W15 2011e	2022-25 115 2011e	Attendance
Colerain	Colerain	100%
Pleasant Run	Northwest	100%
White Oak	Colerain	100%

ES Option 1 to MS Option 1 Feeder

ES Option 1	MS Option 1	ES Attendance
Colerain	Colerain	100%
Monfort Heights	White Oak	100%
Pleasant Run	Pleasant Run	100%
Struble	White Oak	100%
Taylor	Colerain	28%
Taylor	Pleasant Run	72%



MS Option 1 to HS Option 1 Feeder

MS Option 1	HS Option 1	ES Attendance
Colerain	Colerain	100%
Pleasant Run	Northwest	100%
White Oak	Colerain	100%

ES Option 2 to MS Option 2 Feeder

ES Option 2	MS Option 2	ES Attendance
Colerain	Colerain	100%
Monfort Heights	White Oak	100%
Pleasant Run	Pleasant Run	100%
Struble	White Oak	100%
Taylor	Colerain	34%
Taylor	Pleasant Run	66%

MS Option 2 to HS Option 2

MS Option 2	HS Option 2	ES Attendance
Colerain	Colerain	100%
Pleasant Run	Northwest	100%
White Oak	Colerain	100%

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ES Impact Tables

The following tables show how many students are impacted in the DRAFT options. Rows highlighted in green show areas that are not impacted, and rows highlighted in tan show impacted areas.

Total Students Impacted

Student Impact Estimates					
Option	Total K-5th Live-In	Percent K-5th Live-In			
	Students Impacted	Students Impacted			
ES Option 1	484	13.2%			
ES Option 2	524	14.3%			

ES Option 1 Impacts

ES Zone 2022-23	ES Option 1	Total 2022-23 K-5th Live- In Students
Colerain	Colerain	559
Colerain	Monfort Heights	19
Monfort Heights	Monfort Heights	459
Pleasant Run	Pleasant Run	772
Pleasant Run	Taylor	141
Struble	Monfort Heights	140
Struble	Struble	741
Taylor	Colerain	132
Taylor	Struble	52
Taylor	Taylor	653

ES Option 2 Impacts

ES Zone 2022-23	ES Option 2	Total 2022-23 K-5th Live- In Students
Colerain	Colerain	497
Colerain	Monfort Heights	19
Colerain	Pleasant Run	13
Colerain	Taylor	49
Monfort Heights	Monfort Heights	459
Pleasant Run	Pleasant Run	811
Pleasant Run	Taylor	102
Struble	Monfort Heights	157
Struble	Struble	724
Taylor	Colerain	181
Taylor	Struble	3
Taylor	Taylor	653



MS Impact Tables

Total Students Impacted

Student Impact Estimates		
	Total 6th-8th	Percent 6th-8th
Option	Live-In	Live-In
	Students Impacted	Students Impacted
MS Option 1	56	2.8%
MS Option 2	14	0.7%

MS Option 1 Impacts

MS Zone 2022-23	MS Option 1	Total 2022-23 6th-8th Live-
		In Students
Colerain	Colerain	510
Colerain	White Oak	56
Pleasant Run	Pleasant Run	698
White Oak	White Oak	727

MS Option 2 Impacts

MS Zone 2022-23	MS Option 2	Total 2022-23 6th-8th Live- In Students
Colerain	Colerain	552
Colerain	Pleasant Run	6
Colerain	White Oak	8
Pleasant Run	Pleasant Run	698
White Oak	White Oak	727



HS Impact Tables

Total Students Impacted

Student Impact Estimates		
	Total 9th-12th	Percent 9th-12th
Option	Live-In	Live-In
	Students Impacted	Students Impacted
HS Option 1	0	0.0%
HS Option 2	10	0.4%

HS Option 1 Impacts

HS Zone 2022-23	HS Option 1	Total 2022-23 9th-12th Live-In Students
Colerain	Colerain	1,803
Northwest	Northwest	982

HS Option 2 Impacts

HS Zone 2022-23	HS Option 2	Total 2022-23 9th-12th Live-In Students
Colerain	Colerain	1,793
Colerain	Northwest	10
Northwest	Northwest	982

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