

# -Committee Meeting 5-

# Redistricting Study November 19, 2019

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Agenda

#### **Meeting Objectives:**

- 1. To review new information, and Option 3d for Elementary and Middle Schools.
- 2. To finalize a Recommendation for the School Board.

#### **Meeting Schedule:**

3:30 - 4:00	Review of new information and new Option 3d.
4:00 - 4:30	Discuss any additional suggested changes to Option 3d.
4:30 5:00	Formulate Redistricting Recommendation and adjourn.





# Why We're Here

- 1. New Hanover County Schools (NHCS) is nearly finalizing a redistricting process for elementary and middle schools to realign school attendance boundaries to:
  - Populate the new Porters Neck Elementary School opening for the 2020-21 school year.
  - Account for increased building capacity with replacement of Blair and College Park Elementary Schools.
  - Efficiently utilize all available space and plan for future growth within the County.
  - Establish new attendance boundaries in accordance with the Guiding Principles established by the Board of Education.
  - The implementation of these boundary changes are expected to take effect the Fall 2020 (2020-21) School Year.





## Redistricting Guiding Principles

The New Hanover County Schools has a set of guiding principles to follow when evaluating elementary and middle school attendance boundaries. These are rules to follow when considering any potential attendance zone adjustment.

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The redistricting committee will remain oriented on these guiding principles and will follow them as best as possible as they consider redistricting options.



## Redistricting Guiding Principles

### • Balance school facility utilization

•Make every effort to have equitable utilization (where possible) across the district and in accordance with school capacities and funded allotment ratios in accordance with state law. Make efficient use of available space.

### Account for future growth

• Allow for increasing attendance in high growth areas.

### • Close Proximity

• Students should be assigned to the school within the closest proximity to their homes where possible.

### • Establish clear feeder patterns and continuity

• Make every effort to establish a clear feeder pattern system (especially from middle school to high school), although it may be necessary to split an elementary school to feed to two or more middle schools. Make every effort to divide a large enough population so students can continue to the next level with familiar faces.





## Redistricting Guiding Principles

### • Minimize impact on students

•Attempt to minimize the amount of students impacted when making boundary adjustments.

### •Consider economic, cultural, and ethnic diversity

•Ensure schools are inclusionary and not adversely affected by realignment decisions.





# **Review of Timeline**

Process & Timeline for Redistricting Study									
	April '19	May '19	June '19	July '19	Aug. '19	Sept. '19	Oct. '19	Nov. '19	Dec. '19
Data Collection									
Data Analysis / Assimilation									
Internal Logistics Planning with district									
Background Report Development									
Baseline Options Development									
Public Information Session #1: Present Project Process, Criteria, Timeline, and Redistricting Objectives to Community. Information meeting to public, without public comments.				7/9					
<u>Redistricting Committee Meeting 1</u> - Review Background Data, Introduce Baseline Options				7/10					
<u>Redistricting Committee Meeting 2</u> - Discuss Background Data & Baseline Options, Q&A					8/20				
<u>Redistricting Committee Meeting 3</u> - Options Development, Prepare for Public Information Session #2						9/4			
Public Information Session #2: Present Preliminary Redistricting Options to Community for Comment/Feedback						9/17			
<u>Redistricting Committee Meeting 4</u> - Review public input, modify options							10/15		
<u>Redistricting Committee Meeting 5</u> - Finalize Recommendations & Prepare for Board Presentation				We are here $\rightarrow$ 11/19					
Presentation of Final Recommendations to the Board of Education									12/3





DRAFT options are presented to you this evening

- Committee has 8.5x11 maps, as well as plots of maps for review
- Option maps are now available on interactive map (https://croppermap.com/nhcs)
- Copies of the handouts, including small and large format maps are now posted on NHCS redistricting webpage.



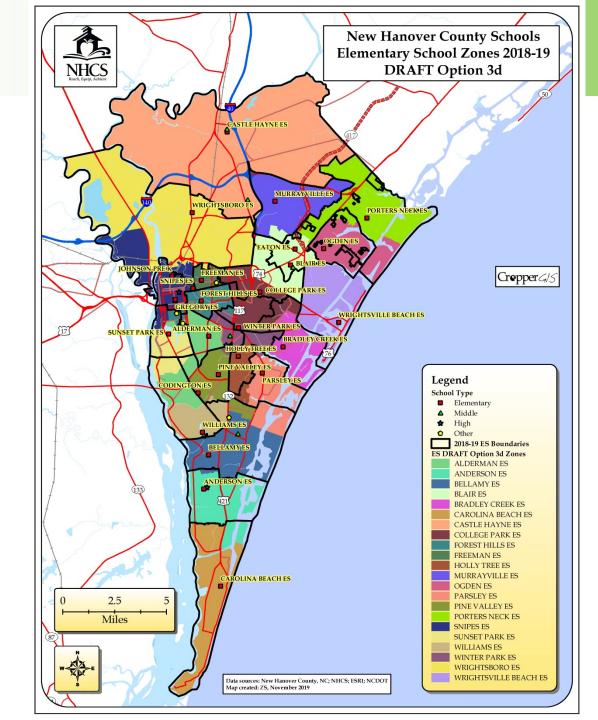


- A new Option 3d has been developed, which is built off of 3c.
- Community input was considered when making adjustments to create Option 3d, although not all of the community's preferences were able to be incorporated.
- Adjustments were only made if it adhered with the overall project objectives and redistricting guidelines.

Remember that everything is still considered DRAFT!







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## **DRAFT Option 3d ES**

#### **Balance school facility utilization**

• 3d improves utilization by bringing Freeman and Snipes back to under 80% utilization.

#### Account for future growth

• 3d fully utilizes the new Porter's Neck elementary and the replacements for Blair and College Park elementary schools. It reduces crowding across the county to provide better opportunity for future growth.

#### Establish clear feeder patterns and continuity

• Compared to current practice, 3d greatly streamlines feeder patterns, eliminating most three-way splits with the exception of Pine Valley and College Park Elementary Schools.

#### Minimize impact on students

• 3d impacts fewer total students. Whereas Option 3a impacted 2,618 students, 3d impacts 2,415.

#### Consider economic, cultural, and ethnic diversity

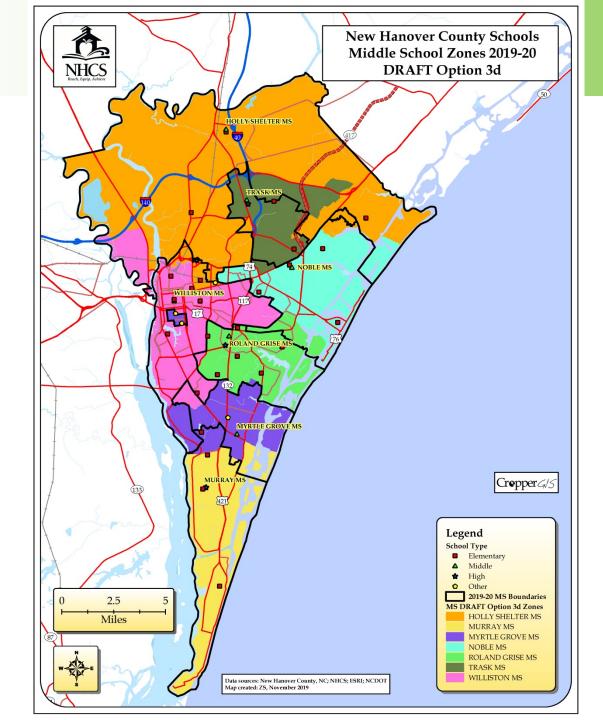
 3d better balances diversity at a handful of schools where the opportunity exists to do so, but does not improve diversity at most of the schools. Attempts have been made through the course of the study to improve demographic diversity, without deviating too far away from other criteria. In order to further improve the demographic diversity of schools, NHCS would have to consider options that results in bussing students in/out of their community.

#### **Close proximity**

- 3d eliminates Castle Haynes satellite areas.
- It does improve the overall distance communities have to travel to in the existing Blair zone (a lot redistricted to the new Porter's Neck ES), while expanding zones for Ogden, Freeman, Snipes, and College Park and Alderman. Several other zones change shape slightly.
- Other communities were not moved back to their preferred school (i.e. Masonboro Forest in Parsley), because keeping them in Parsley increases their utilization (they are extensively overcrowded) and the school they are moved to does not result in a substantial impact on transportation.







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## **DRAFT Option 3d MS**

#### **Balance school facility utilization**

• 3d does improve utilization, reducing overcrowding at schools such as Murray and Noble while increasing attendance at schools with more available capacity such as Holly Shelter and Williston.

#### Account for future growth

• 3d best accounts for future growth in the very north of the district (Holly Shelter).

#### Establish clear feeder patterns and continuity

• Compared to current practice, 3d better streamlines feeder patterns, eliminating four-way split in Williston and better balancing the splits of elementary schools that feed into Trask.

#### Minimize impact on students

- 3d impacts the smallest number of students, from 868 in Option 3a, to 526 in 3d.
- To further reduce the overall impact, Tyndall and Treybrooke Subdivisions added back into Grise MS, with minimal impact on utilization or feeder patterns for the option.

#### Consider economic, cultural, and ethnic diversity

- 3d better balances diversity at a handful of schools where the opportunity exists to do so, but does not improve diversity at most of the schools.
- Per committee input, Option 3d moves the areas zoned out of Noble MS in prior options (west of College Rd, in between Rt. 74/MLK and Rt. 17/Market St), back into Noble MS, with a focus to maintain their existing level of demographic diversity.
- Attempts have been made through the course of the study to improve demographic diversity, without deviating too far away from other criteria. In order to further improve the demographic diversity of schools, NHCS would have to consider options that results in bussing students in/out of their community with potential consideration of additional satellite zones.

#### **Close proximity**

• 3d brings some students back to the closest school (namely Trask and Roland Grise). Does not eliminate satellite zone in Myrtle Grove.





**Committee discuss options as a group.** 

Any additional changes made to ES or MS 3d?

Option 3d has evolved from other options up to this point, as the committee continues to make refinements that best adhere to the objectives and guiding principles.

Does the committee want to recommend Option 3d for ES and MS?

If committee members prefer to have time to review new information, as well as all of the information studied up to this point, they can do so.





# Presentation of Final Recommendations to the Board of Education: December 3, 2019 @ 3:30pm





Elementary School	2021-22 Capacity	Total Enrolled	Enrolled Utilization	DRAFT Option 3d Utilization
Alderman	270	277	103%	110%
Anderson	543	671	124%	117%
Bellamy	400	614	154%	118%
CRECC	93	126	135%	99%
Blair	549	587	107%	93%
Bradley Creek	344	417	121%	98%
Carolina Beach	370	461	125%	118%
Castle Hayne	524	539	103%	95%
College Park	488	450	92%	118%
Forest Hills	431	368	85%	115%
Freeman	358	260	73%	77%
Holly Tree	413	511	124%	118%
Murrayville	558	666	119%	93%
Ogden	534	695	130%	109%
Parsley	423	681	161%	131%
Pine Valley	416	602	145%	124%
Porter's Neck	503			103%
Snipes	528	417	79%	77%
Sunset Park	435	357	82%	115%
Williams	353	449	127%	132%
Winter Park	286	310	108%	97%
Wrightsboro	499	560	112%	114%
Wrightsville Beach	265	314	118%	115%
Total	9583	10332	108%	108%

\*Student counts are based on the 04/24/2019 NHCS student database.

\*Capacity counts were calculated using 2021-22 modified capacity numbers w/o mobile units. These capacities reflect the State's implementation of a reduction in class sizes.





	Enrolled						
Elementary School	Percent Black	Percent White	Percent Hispanic	Percent Other			
Alderman	45%	39%	13%	3%			
Anderson	5%	82%	7%	6%			
Bellamy	10%	72%	9%	9%			
CRECC	5%	72%	11%	12%			
Blair	8%	66%	18%	9%			
Bradley Creek	5%	51%	41%	3%			
Carolina Beach	1%	92%	2%	5%			
Castle Hayne	16%	55%	21%	8%			
College Park	26%	33%	30%	12%			
Forest Hills	53%	24%	16%	7%			
Freeman	82%	5%	8%	6%			
Holly Tree	6%	79%	8%	7%			
Murrayville	16%	59%	15%	10%			
Ogden	1%	87%	5%	7%			
Parsley	2%	83%	7%	8%			
Pine Valley	15%	59%	17%	8%			
Porter's Neck							
Snipes	78%	10%	6%	6%			
Sunset Park	52%	18%	25%	4%			
Williams	9%	33%	52%	6%			
Winter Park	26%	37%	28%	9%			
Wrightsboro	32%	29%	30%	9%			
Wrightsville Beach	1%	89%	8%	1%			
Total	19.1%	57.1%	16.6%	7.2%			

\*Student counts are based on the 04/24/2019 NHCS student database.

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	Option 3d						
Elementary School	Percent Black	Percent White	Percent Hispanic	Percent Other			
Alderman	39%	37%	12%	6%			
Anderson	5%	83%	7%	5%			
Bellamy	8%	76%	8%	8%			
CRECC	4%	72%	12%	12%			
Blair	10%	55%	24%	11%			
Bradley Creek	9%	41%	47%	4%			
Carolina Beach	1%	92%	2%	5%			
Castle Hayne	15%	57%	22%	6%			
College Park	31%	32%	28%	9%			
Forest Hills	57%	22%	18%	8%			
Freeman	80%	8%	6%	6%			
Holly Tree	6%	81%	7%	7%			
Murrayville	13%	61%	15%	11%			
Ogden	1%	86%	6%	7%			
Parsley	2%	84%	6%	9%			
Pine Valley	8%	70%	12%	10%			
Porter's Neck	10%	70%	12%	8%			
Snipes	74%	12%	9%	5%			
Sunset Park	34%	17%	44%	5%			
Williams	10%	55%	27%	7%			
Winter Park	12%	61%	23%	4%			
Wrightsboro	33%	31%	27%	9%			
Wrightsville Beach	1%	90%	8%	1%			
Total	19%	57%	17%	7%			

\*Student counts are based on the 04/24/2019 NHCS student database.

\*Capacity counts were calculated using 2021-22 modified capacity numbers w/o mobile units. These capacities reflect the State's implementation of a reduction in class sizes.



2010 10 50 7	0010 00 MC 7	Total K-5th Live	ES	
2018-19 ES Zone	2019-20 MS Zone	In	Attendance	
ALDERMAN ES	MYRTLE GROVE MS	111	43%	
ALDERMAN ES	ROLAND GRISE MS	86	33%	
ALDERMAN ES	WILLISTON MS	60	23%	
ANDERSON ES	MURRAY MS	657	100%	
BELLAMY ES	MURRAY MS	304	39%	
BELLAMY ES	MYRTLE GROVE MS	477	61%	
BLAIR ES	HOLLY SHELTER MS	345	60%	
BLAIR ES	NOBLE MS	52	9%	1
BLAIR ES	TRASK MS	177	31%	
BRADLEY CREEK ES	NOBLE MS	161	39%	
BRADLEY CREEK ES	ROLAND GRISE MS	205	50%	
BRADLEY CREEK ES	WILLISTON MS	47	11%	
CAROLINA BEACH ES	MURRAY MS	455	100%	
CASTLE HAYNE ES	HOLLY SHELTER MS	310	51%	1
CASTLE HAYNE ES	NOBLE MS	66	11%	1
CASTLE HAYNE ES	TRASK MS	233	38%	1
COLLEGE PARK ES	NOBLE MS	354	73%	1
COLLEGE PARK ES	TRASK MS	53	11%	1
COLLEGE PARK ES	WILLISTON MS	76	16%	1
FOREST HILLS ES	WILLISTON MS	301	100%	1
FREEMAN ES	HOLLY SHELTER MS	176	64%	1
FREEMAN ES	NOBLE MS	39	14%	1
FREEMAN ES	WILLISTON MS	61	22%	Ĩ
HOLLY TREE ES	ROLAND GRISE MS	474	100%	1
MURRAYVILLE ES	HOLLY SHELTER MS	42	7%	1
MURRAYVILLE ES	TRASK MS	591	93%	1
OGDEN ES	NOBLE MS	510	83%	1
OGDEN ES	TRASK MS	106	17%	1
PARSLEY ES	MYRTLE GROVE MS	294	45%	1
PARSLEY ES	ROLAND GRISE MS	353	55%	1
PINE VALLEY ES	MYRTLE GROVE MS	136	23%	
PINE VALLEY ES	ROLAND GRISE MS	217	37%	1
PINE VALLEY ES	WILLISTON MS	239	40%	1
SNIPES ES	WILLISTON MS	403	100%	1
SUNSET PARK ES	MYRTLE GROVE MS	88	22%	1
SUNSET PARK ES	WILLISTON MS	315	78%	1
WILLIAMS ES	MURRAY MS	49	10%	1
WILLIAMS ES	MYRTLE GROVE MS	257	52%	1
WILLIAMS ES	WILLISTON MS	191	38%	1
WINTER PARK ES	NOBLE MS	23	9%	1
WINTER PARK ES	ROLAND GRISE MS	16	6%	1
WINTER PARK ES	WILLISTON MS	226	85%	1
WRIGHTSBORO ES	HOLLY SHELTER MS	549	90%	1
WRIGHTSBORO ES	TRASK MS	20	3%	1
WRIGHTSBORO ES	WILLISTON MS	42	7%	1
WRIGHTSVILLE BEACH ES		305	100%	1
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ES Option 3d	MS Option 3d	Total K-5th Live	ES
		In	Attendance
ALDERMAN ES	MYRTLE GROVE MS	111	37%
ALDERMAN ES	ROLAND GRISE MS	28	9%
ALDERMAN ES	WILLISTON MS	158	53%
ANDERSON ES	MURRAY MS	630	100%
BELLAMY ES	MURRAY MS	301	54%
BELLAMY ES	MYRTLE GROVE MS	260	46%
BLAIR ES	NOBLE MS	123	24%
BLAIR ES	TRASK MS	384	76%
BRADLEY CREEK ES	ROLAND GRISE MS	334	100%
CAROLINA BEACH ES	MURRAY MS	437	100%
CASTLE HAYNE ES	HOLLY SHELTER MS	282	57%
CASTLE HAYNE ES	TRASK MS	210	43%
COLLEGE PARK ES	NOBLE MS	272	47%
COLLEGE PARK ES	WILLISTON MS	301	53%
FOREST HILLS ES	MYRTLE GROVE MS	88	18%
FOREST HILLS ES	WILLISTON MS	398	82%
FREEMAN ES	HOLLY SHELTER MS	276	100%
HOLLY TREE ES	MYRTLE GROVE MS	101	21%
HOLLY TREE ES	ROLAND GRISE MS	383	79%
MURRAYVILLE ES	TRASK MS	506	100%
OGDEN ES	HOLLY SHELTER MS	117	20%
OGDEN ES	NOBLE MS	459	80%
PARSLEY ES	MYRTLE GROVE MS	224	41%
PARSLEY ES	ROLAND GRISE MS	328	59%
PINE VALLEY ES	MYRTLE GROVE MS	199	39%
PINE VALLEY ES	ROLAND GRISE MS	196	38%
PINE VALLEY ES	WILLISTON MS	118	23%
PORTERS NECK ES	HOLLY SHELTER MS	518	100%
SNIPES ES	WILLISTON MS	403	100%
SUNSET PARK ES	WILLISTON MS	495	100%
WILLIAMS ES	MYRTLE GROVE MS	465	100%
WINTER PARK ES	ROLAND GRISE MS	217	79%
WINTER PARK ES	WILLISTON MS	57	21%
WRIGHTSBORO ES	HOLLY SHELTER MS	568	100%
WRIGHTSVILLE BEACH E	S NOBLE MS	305	100%

Student counts are based on the 04/24/2019 NHCS student database.

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2018-19 ES Zone	ES Option 3d	Total K-5th Live In Students
ALDERMAN ES	ALDERMAN ES	166
ALDERMAN ES	WINTER PARK ES	91
ANDERSON ES	ANDERSON ES	612
ANDERSON ES	BELLAMY ES	45
BELLAMY ES	BELLAMY ES	516
BELLAMY ES	PARSLEY ES	14
BELLAMY ES	PINE VALLEY ES	88
BELLAMY ES	WILLIAMS ES	163
BLAIR ES	BLAIR ES	229
BLAIR ES	PORTERS NECK ES	345
BRADLEY CREEK ES	BRADLEY CREEK ES	334
BRADLEY CREEK ES	COLLEGE PARK ES	79
CAROLINA BEACH ES	ANDERSON ES	18
CAROLINA BEACH ES	CAROLINA BEACH ES	437
CASTLE HAYNE ES	BLAIR ES	2
CASTLE HAYNE ES	CASTLE HAYNE ES	474
CASTLE HAYNE ES	OGDEN ES	66
CASTLE HAYNE ES	PORTERS NECK ES	67
COLLEGE PARK ES	BLAIR ES	167
COLLEGE PARK ES	COLLEGE PARK ES	316
FOREST HILLS ES	FOREST HILLS ES	301
FREEMAN ES	FREEMAN ES	276
HOLLY TREE ES	HOLLY TREE ES	383
HOLLY TREE ES	WINTER PARK ES	91
MURRAYVILLE ES	BLAIR ES	109
MURRAYVILLE ES	CASTLE HAYNE ES	18
MURRAYVILLE ES	MURRAYVILLE ES	506
OGDEN ES	OGDEN ES	510
OGDEN ES	PORTERS NECK ES	106
PARSLEY ES	HOLLY TREE ES	100
PARSLEY ES	PARSLEY ES	538
PARSLEY ES	WINTER PARK ES	8
PINE VALLEY ES	ALDERMAN ES	42
PINE VALLEY ES	PINE VALLEY ES	425
PINE VALLEY ES	SUNSET PARK ES	79
PINE VALLEY ES	WILLIAMS ES	25
PINE VALLEY ES	WINTER PARK ES	21
SNIPES ES	FOREST HILLS ES	70
SNIPES ES	SNIPES ES	333
SUNSET PARK ES	ALDERMAN ES	17
SUNSET PARK ES	FOREST HILLS ES	91
SUNSET PARK ES	SNIPES ES	27
SUNSET PARK ES	SUNSET PARK ES	268
WILLIAMS ES	ALDERMAN ES	72
WILLIAMS ES	SUNSET PARK ES	148
WILLIAMS ES	WILLIAMS ES	277
WINTER PARK ES	COLLEGE PARK ES	178
WINTER PARK ES	FOREST HILLS ES	24
WINTER PARK ES	WINTER PARK ES	63
WINTER PARK ES WRIGHTSBORO ES	SNIPES ES	43
WRIGHTSBORO ES	WRIGHTSBORO ES	43
WRIGHTSVILLE BEACH ES	WRIGHTSVILLE BEACH ES	305

## Review of ES DRAFT Option 3d

Option	Total K-5th Live In Students Impacted
ES Option 3d	2415



Middle School	2021-22 Capacity	Total Enrolled	Enrolled Utilization	DRAFT Option 3d Estimated Enrollment	DRAFT Option 3d Utilization
Holly Shelter	918	697	76%	869	95%
Murray	768	1088	142%	909	118%
Myrtle Grove	706	725	103%	858	122%
Noble	592	918	155%	703	119%
Roland-Grise	690	895	130%	911	132%
Trask	622	760	122%	723	116%
Williston	736	657	89%	767	104%
Total	5032	5740	114%	5740	114%

\*Student counts are based on the 04/24/2019 NHCS student database.

\*Capacity counts were calculated using 2021-22 modified capacity numbers w/o mobile units.

These capacities reflect the State's implementation of a reduction in class sizes.





	Enrolled					
Middle School	Percent Black	Percent White	Percent Hispanic	Percent Other		
Holly Shelter	23%	48%	21%	8%		
Murray	5%	80%	9%	6%		
Myrtle Grove	17%	59%	16%	7%		
Noble	10%	72%	13%	5%		
Roland-Grise	7%	74%	13%	6%		
Trask	16%	60%	16%	8%		
Williston	48%	19%	29%	4%		
Total	16%	62%	16%	6%		

\*Student counts are based on the 04/24/2019 NHCS student database.

\*Capacity counts were calculated using 2021-22 modified capacity numbers w/o mobile units. These capacities reflect the State's implementation of a reduction in class sizes.

	Option 3d						
Middle School	Percent Black	Percent White	Percent Hispanic	Percent Other			
Holly Shelter	22%	52%	19%	8%			
Murray	6%	80%	7%	7%			
Myrtle Grove	15%	62%	16%	7%			
Noble	10%	73%	13%	4%			
Roland-Grise	5%	74%	15%	5%			
Trask	17%	58%	17%	9%			
Williston	43%	27%	26%	4%			
Total	16%	62%	16%	6%			

\*Student counts are based on the 04/24/2019 NHCS student database.

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MC Ontion 2d	2019-20 HS Zone	Total 6-8th Live	MS
MS Option 3d		In	Attendance
HOLLY SHELTER MS	LANEY HS	737	85%
HOLLY SHELTER MS	NEW HANOVER HS	127	15%
MURRAY MS	ASHLEY HS	902	100%
MYRTLE GROVE MS	ASHLEY HS	535	63%
MYRTLE GROVE MS	HOGGARD HS	318	37%
MYRTLE GROVE MS	NEW HANOVER HS	1	0%
NOBLE MS	HOGGARD HS	95	14%
NOBLE MS	LANEY HS	339	48%
NOBLE MS	NEW HANOVER HS	267	38%
ROLAND GRISE MS	HOGGARD HS	906	100%
TRASK MS	LANEY HS	577	81%
TRASK MS	NEW HANOVER HS	138	19%
WILLISTON MS	ASHLEY HS	59	8%
WILLISTON MS	HOGGARD HS	156	20%
WILLISTON MS	NEW HANOVER HS	551	72%

\*Student counts are based on the 04/24/2019 NHCS student database.





2019-20 MS Zone	MC Ontion 24	Total 6-8th Live In
2019-20 MIS Zone	MS Option 3d	Students
HOLLY SHELTER MS	HOLLY SHELTER MS	685
HOLLY SHELTER MS	TRASK MS	25
HOLLY SHELTER MS	WILLISTON MS	3
MURRAY MS	MURRAY MS	870
MURRAY MS	MYRTLE GROVE MS	108
MYRTLE GROVE MS	MURRAY MS	32
MYRTLE GROVE MS	MYRTLE GROVE MS	722
MYRTLE GROVE MS	WILLISTON MS	31
NOBLE MS	HOLLY SHELTER MS	66
NOBLE MS	NOBLE MS	701
NOBLE MS	ROLAND GRISE MS	90
NOBLE MS	TRASK MS	34
ROLAND GRISE MS	MYRTLE GROVE MS	23
ROLAND GRISE MS	ROLAND GRISE MS	816
TRASK MS	HOLLY SHELTER MS	80
TRASK MS	TRASK MS	656
WILLISTON MS	HOLLY SHELTER MS	33
WILLISTON MS	MYRTLE GROVE MS	1
WILLISTON MS	WILLISTON MS	732

MS 2019-20 Zones		
Option	Total 6-8th Live In Students Impacted	
MS Option 3d	526	

