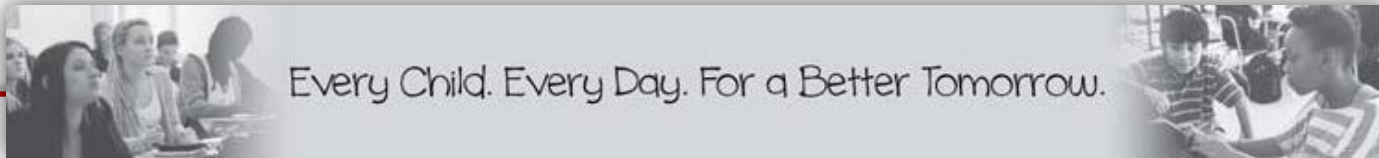


Long-Range Facility Master Plan And Three-year Capital Needs Assessment

**Board of Education Presentation
March 26, 2013**

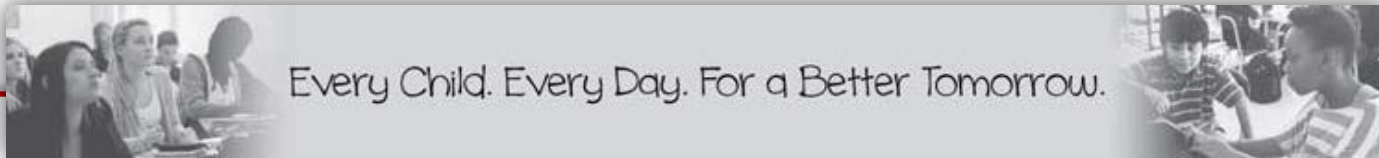


Every Child. Every Day. For a Better Tomorrow.

Guiding Principles

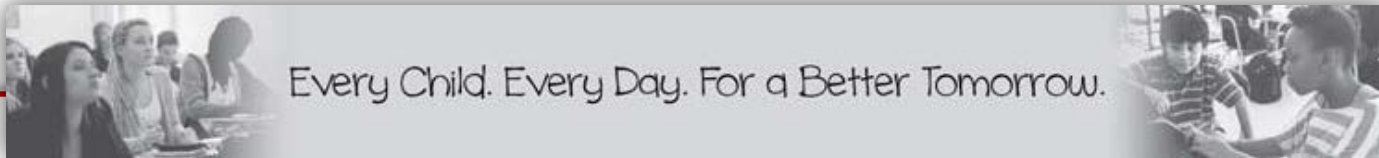
Board Policy JCA

- Home schools are first priority for student assignment and operational decisions
- Magnet schools offer opportunities outside home school assignment that combine three characteristics:
 - Track record of consistently high student achievement
 - Track record of narrowing achievement gaps at a rate that exceeds the aggregate rate of the home schools
 - Academically distinctive, demonstrably innovative, and/or more diverse than adjacent home schools
- Stability and predictability
- Diversity
- Effective use of capital resources
- Use of decision matrix
- Community involvement



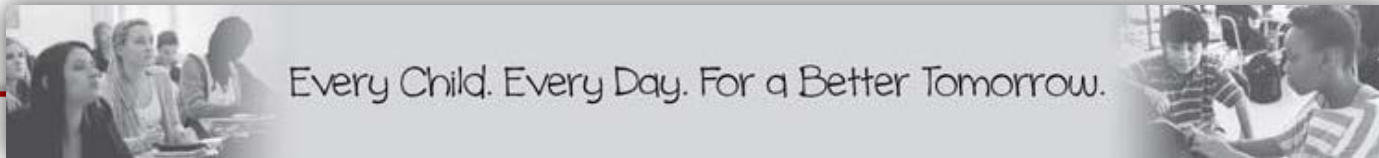
The Way Forward

- **Goal 1:** Accelerate academic achievement for every child and close achievement gaps so every child graduates college- or career-ready.
- **Goal 2:** Ensure an effective teacher in every class is led by an effective principal in every school served by quality support staff.
- **Goal 3:** Cultivate innovative partnerships with parents, caregivers and the community to provide a sustainable system of support for every child.
- **Goal 4:** Nurture a culture of high engagement, customer service and cultural competency.
- **Goal 5:** Maximize performance utilizing data-informed and evidence-based decision-making.
- **Goal 6:** Strengthen and expand educational choices for students to drive learning, creativity, innovation and entrepreneurship.
- **Goal 7:** Increase technology access and integration to support inspired learning and teaching.
- **Goal 8:** Communicate proactively and transparently to strengthen public trust and establish CMS as the premier K-12 choice.



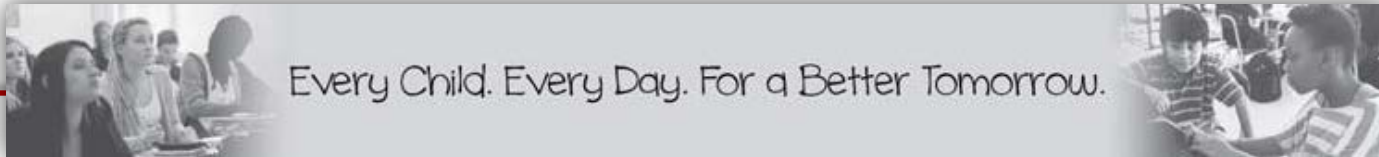
The Way Forward

- **Goal 6: Strengthen and expand educational choices for students to drive learning, creativity, innovation and entrepreneurship.**
 - Position neighborhood schools as schools of choice; help every school find its unique voice.
 - Promote new non-traditional educational options to support students with unique needs and circumstances, e.g., schools with onsite daycare, suspension-alternative schools.
 - Create new magnets, middle colleges, and Cooperative Innovative High Schools.
 - Strengthen, expand and align current Career and Technical Education offerings to ensure post-secondary preparation for students.
 - Support the success of Project L.I.F.T. and expand best-practice learning across the district.



The Way Forward:
Expanding Our Portfolio of Educational Choices

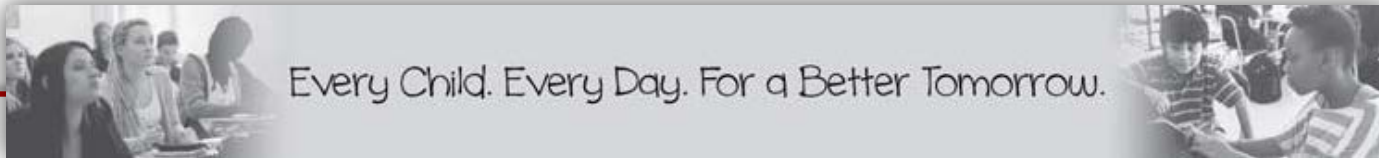
**New Educational Choices Which Require Capital
Programming Support**



Repurpose Starmount for Enrollment Relief

- *Impact:*
 - Repurpose Starmount as elementary relief to Huntingtowne Farms and Montclaire.
- *Description:*
 - Bond funding needed for upfit.
 - Boundary adjustments to be approved by Board of Education.
 - Relocate existing central-office staff.

Project contingent on future voter-approved bonds and subsequent county funding authorization.



Repurpose Oakhurst, STEAM Magnet and Enrollment Relief

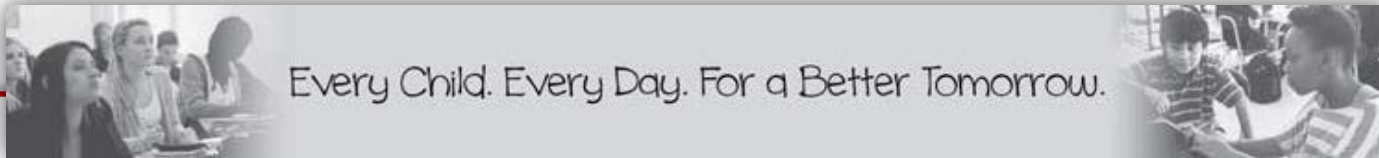
- *Impact:*

- Provide relief for K-8 STEM magnet; Morehead 1,000-student wait pool to meet demand for STEM magnet and infuse arts.

- *Description:*

- Repurpose Oakhurst as a K-5 STEAM, full-magnet program (no home attendance zone.)
- Fill all grades in first year school opens.
- Students feed from the Green transportation zone (southeast region of district) to McClintock (grades six through eight STEAM) and to Smith Math and Science high school continuation.
- Existing central-office staff relocate to another site to be determined.

Project contingent on future voter-approved bonds and subsequent county funding authorization.



Recommission Oakhurst and Starmount Elementary Schools

Position 1

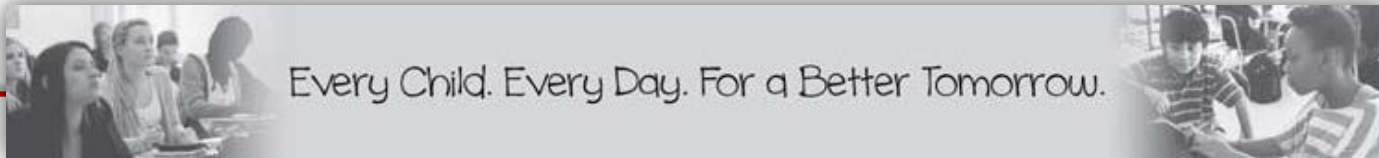
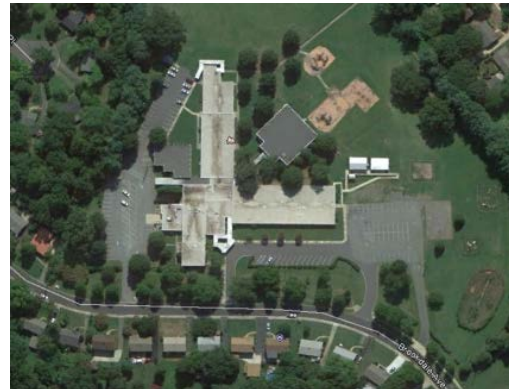
\$5,940,000

- Oakhurst to be converted into a Science Technology Engineering Arts Mathematics (STEAM) magnet and provide relief to adjacent elementary schools.
- Starmount will receive renovations and provide relief for Montclaire and Huntingtowne Farms.

Oakhurst



Starmount



Albemarle Road K-8 Dual Language Magnet and Enrollment Relief

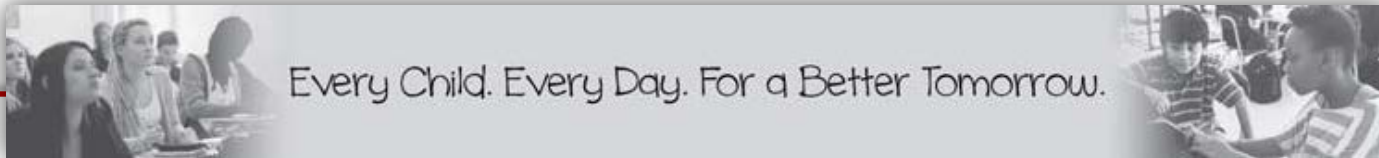
- *Impact:*

- New K-8 school to provide relief to Albemarle Road Elementary and Albemarle Road Middle.

- *Description:*

- Limited attendance boundary to provide relief to surrounding schools requiring Board of Education approval.
 - ✓ Athletics offered.
- Remaining seats for Dual Language Immersion (Spanish) magnet program serving the Green transportation zone and providing relief for Collinswood. (Blue transportation zone feed – southwest region of district.)
- Feed to East Mecklenburg High’s new Language Immersion program.

Project contingent on future voter-approved bonds and subsequent county funding authorization.



Albemarle Road K-8 School

Position 4

\$29,376,000

- New 54-classroom K-8 to provide relief for Albemarle Road ES/MS
- Dual Language Immersion will provide relief for Collinswood K-8



CPCC Middle College

- *Impact:*
 - Expand the Middle College offerings to CMS juniors and seniors.
- *Description:*
 - Middle College program on selected CPCC campuses.
 - Serve approximately 200 students.

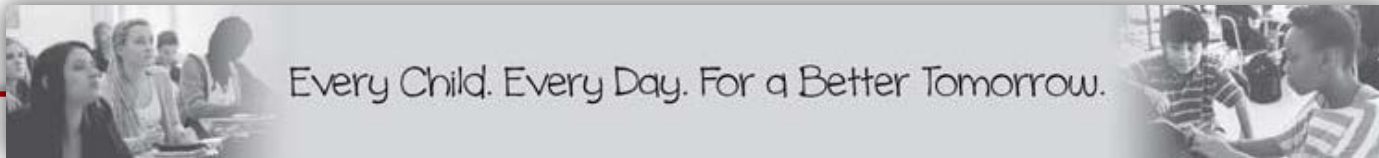
2013-14 – Implementation

- Middle college program on the CPCC Levine campus. Serve approximately 200 students in modular units.

2014-15 – Explore

- Hendrick Motorsports near CPCC campus is authorized trainer for Lexus and BMW. Marancas campus of CPCC has fabrication lab for motorsports.
- Possibility of a motorsports themed high school at Vance, Butler or North Mecklenburg. Vance currently has an Academy of Engineering.

Project contingent on future voter-approved bonds and subsequent county funding authorization.



Classroom Building On CPCC Campus

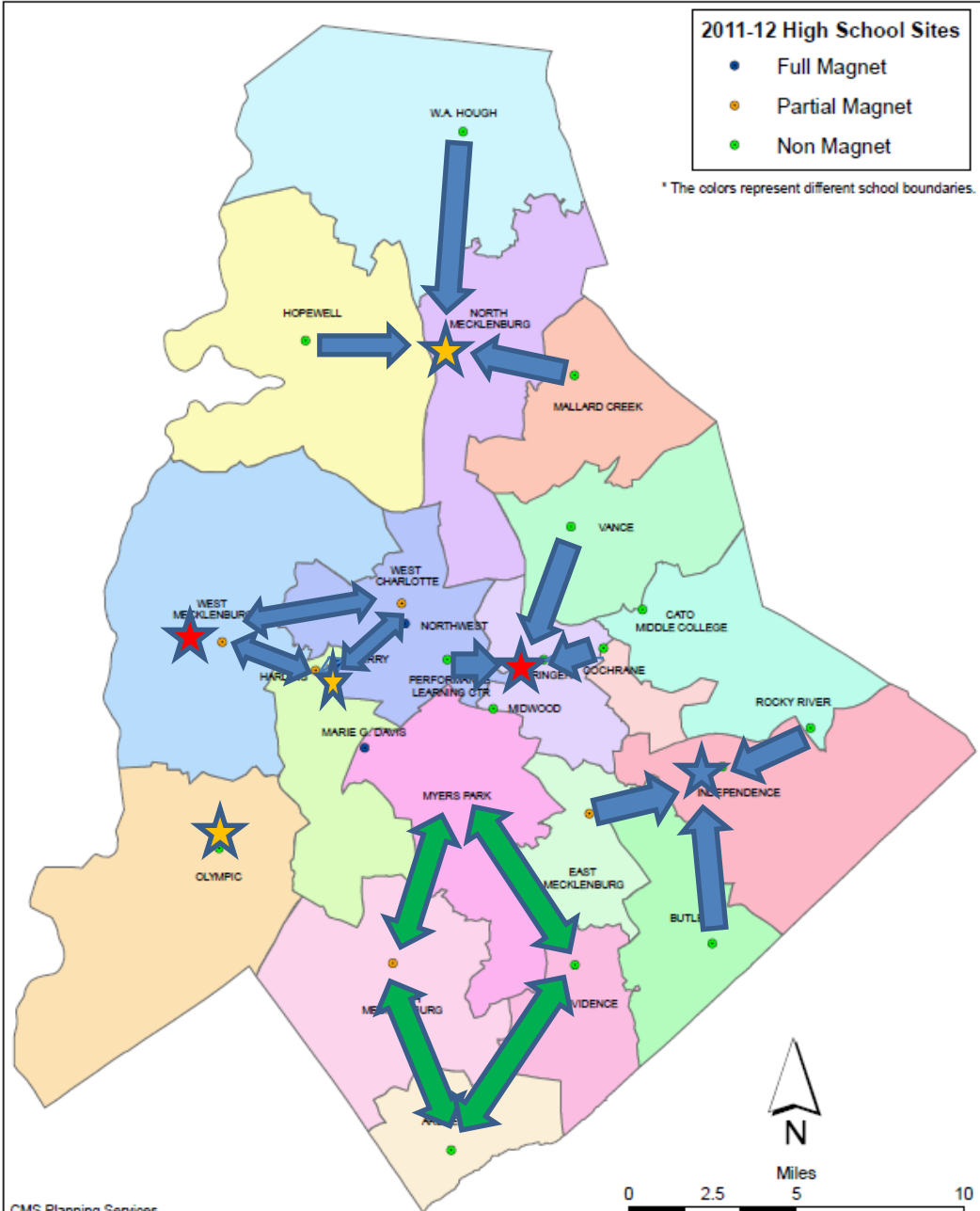
Position 6

\$5,940,000

- Single-story building designed to accommodate 200 students



Career Focus Technical Programs



Hubs: Students transfer to hub school

• **North Mecklenburg (2013-2014)**

- Hopewell, WA Hough, Mallard Creek

• **Independence (2014-2015)**

- East Mecklenburg, Rocky River, Butler

• **Olympic Schools (2013-2014)**

• **Garinger (2016-2017)**

- Vance, Cochrane, Performance Learning Center

• **West Mecklenburg (2016-2017)**

Mini Hub: Students transported to Berry for course, remain enrolled at home school

• **PO Berry non-magnet facility utilization (2013-2014)**

- West Charlotte
- Harding
- West Mecklenburg

Paired: Students transfer to constellation school (2014-15)

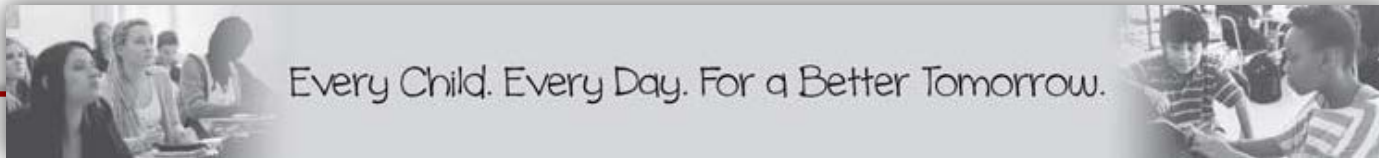
- South Mecklenburg
- Myers Park
- Ardrey Kell
- Providence

Career And Technical Education

Position 13

\$8,610,000

- Garinger High School
 - *Automotive*
 - *Carpentry*
 - *Cosmetology*
 - *Culinary*
- Independence High School
 - *Automotive*
 - *Carpentry*
 - *Cosmetology*
 - *Culinary*
- North Mecklenburg High School
 - *Automotive*
 - *Carpentry*
 - *Culinary*



Davidson K-8 Enrollment Relief

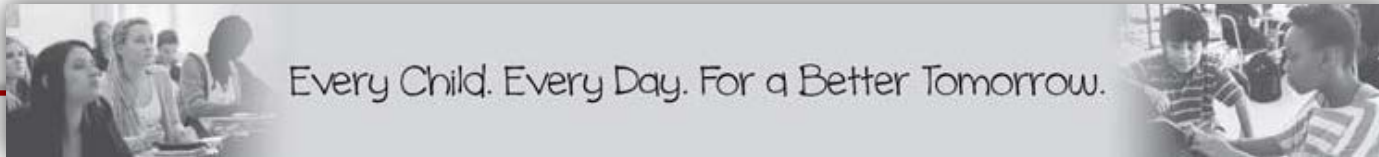
- *Impact:*

- Addition to existing facility at Davidson Elementary to house grades sixth through eight to provide relief to Bailey Middle.

- *Description:*

- Attendance boundary for elementary serves as middle school grades requiring Board of Education approval.
- Athletics offered.

Project contingent on future voter-approved bonds and subsequent County funding authorization.

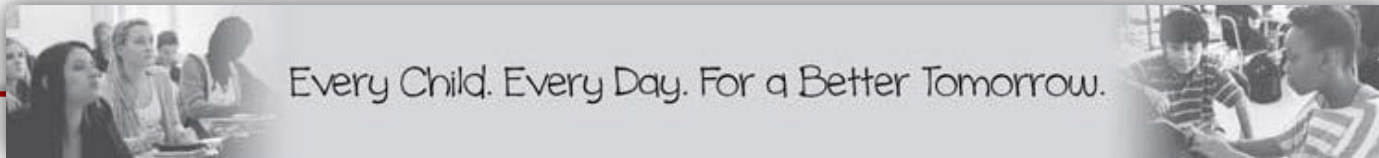


Davidson K-8 Conversion

Position 14

\$7,560,000

- New general and specialty classrooms.



South K-8 STEAM and Enrollment Relief

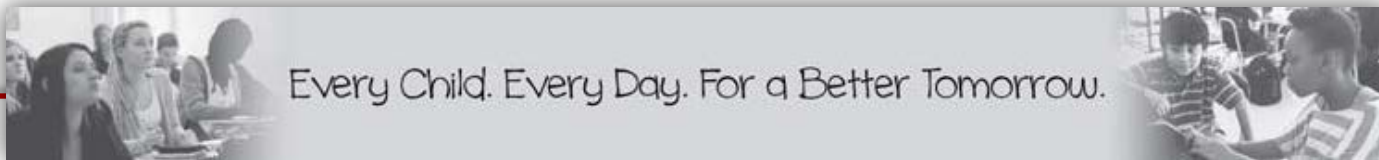
- *Impact:*

- New K-8 school to provide relief to Community House and JM Robinson middle schools and Ballantyne, Hawk Ridge, Polo Ridge and Elon Park elementary schools.

- *Description:*

- Limited attendance boundary to provide relief to surrounding schools requiring Board of Education approval.
- Remaining seats for Science, Technology, Engineering, Arts and Mathematics (STEAM) magnet program serving the Blue transportation zone and providing relief to Morehead STEM.
- High school students may continue to Smith Academy for Math and Science.

Project contingent on future voter-approved bonds and subsequent county funding authorization.

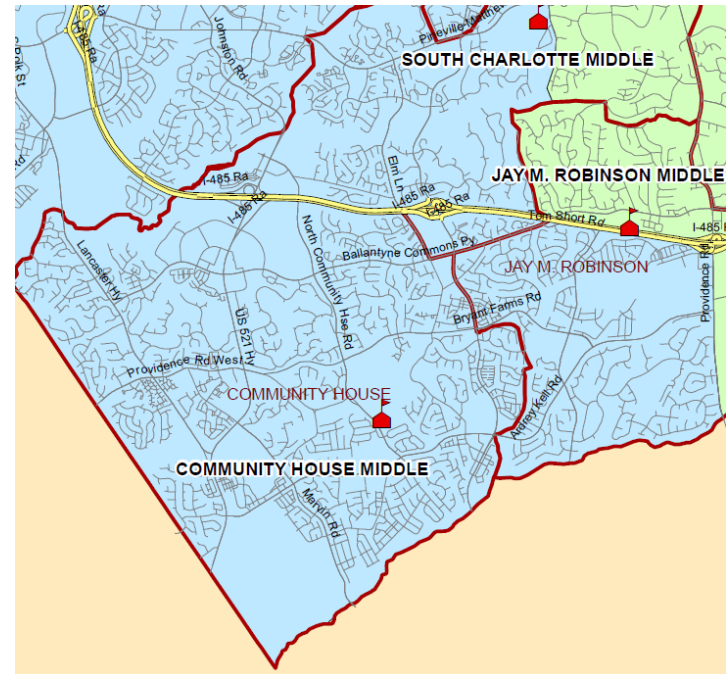
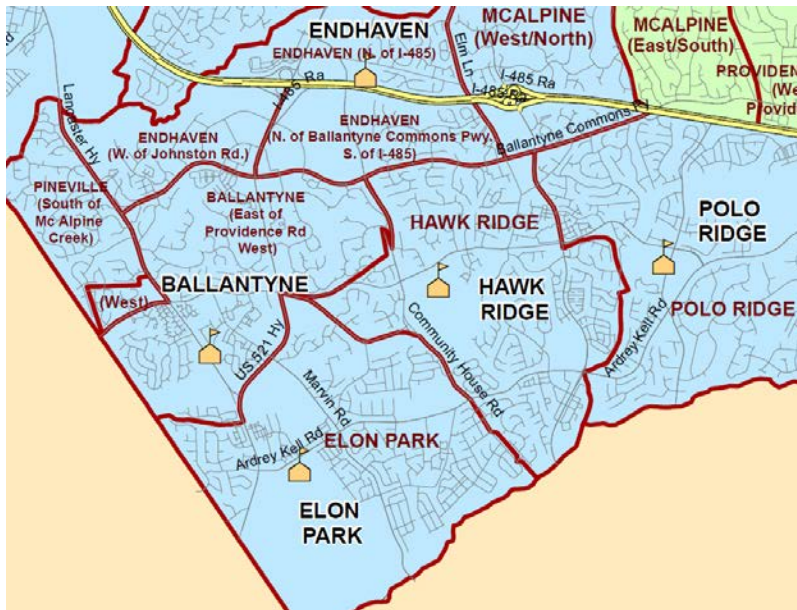


New K-8 School

Position 15

\$29,376,000

- New 54-classroom K-8 school
- Provides relief for Ballantyne, Elon Park, Hawk Ridge, and Polo Ridge elementary schools, and Community House and J.M. Robinson middle schools



Smith Academy for Math and Science HS

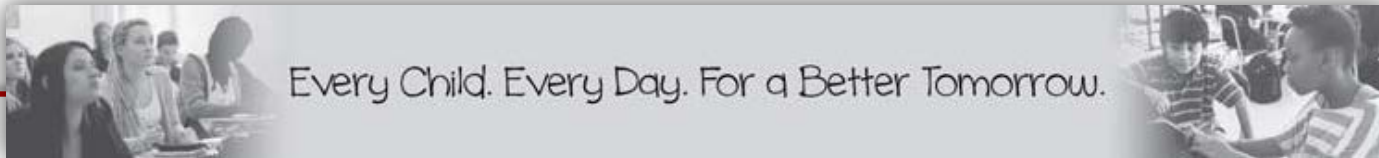
- *Impact:*

- Expand educational choices for secondary Science, Technology, Engineering and Math (STEM) programs.

- *Description:*

- Build new facility to house full magnet math and science high school on the current Smith property at 1600 Tyvola Road.
- No athletics offered; students may play at home school.
- Fill all grades first school year open except for senior class.
- Students feed from the south half of county.
- Existing central office staff at Smith Family Center will move to another site.

Project contingent on future voter-approved bonds and subsequent county funding authorization.



New Math and Science Magnet High School

Position 19

\$43,200,000

- Construction of a new 1,500 seat Science Technology Engineering Mathematics (STEM) magnet high school
- To be built on the current Smith Family Center site



E.E. Waddell Language Academy K-12

- *Impact:*

- Expand Language Immersion through grade 12. Provide continuum and ability to consolidate high school language program to fulfill commitment to Language Immersion through graduation.

- *Description:*

- Language Academy magnet program students stay at E.E. Waddell starting with the ninth grade.
- Language programs at West Mecklenburg and South Mecklenburg will potentially phase out.
- Feed for county-wide high school languages program, not including Spanish Immersion for Green transportation zone (to East Mecklenburg) and Violet/Grey transportation zone. (to North Mecklenburg)
- Add 25 classrooms to accommodate 625 students. The school has 71 classrooms.
- No athletics offered at high school. Students may play at home school.

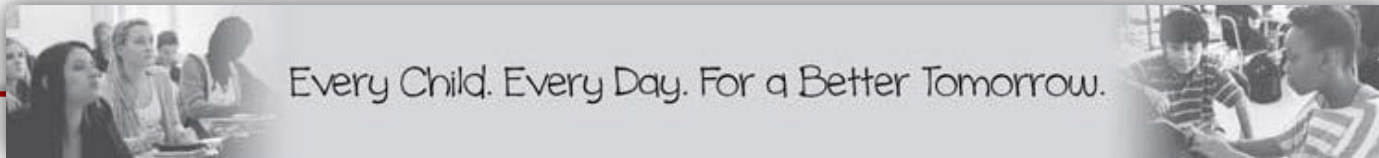
Project contingent on future voter-approved bonds and subsequent county funding authorization.

E.E. Waddell 9-12 Classroom Addition

Position 22

\$7,560,000

- 25-classroom addition will allow this school to expand to a K-12 Language Academy



Mountain Island Elementary Transition to K-8

Position 42

▪ *Impact:*

- To allow students to continue STEM focus through grade eight.

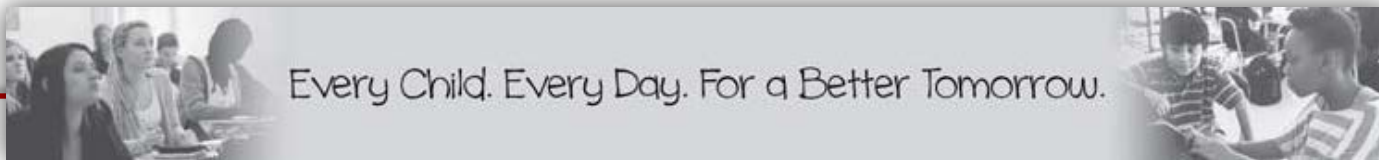
▪ *Description:*

- Add K-8 program to Mountain Island, growing a grade each year starting with sixth grade (will maintain school-wide STEM focus).
 - ✓ No athletics at Mountain Island K-8; may participate at Coulwood.
 - ✓ Will result in smaller enrollment at Coulwood.
 - ✓ Use mobile units for grades expansion in grades six – eight.

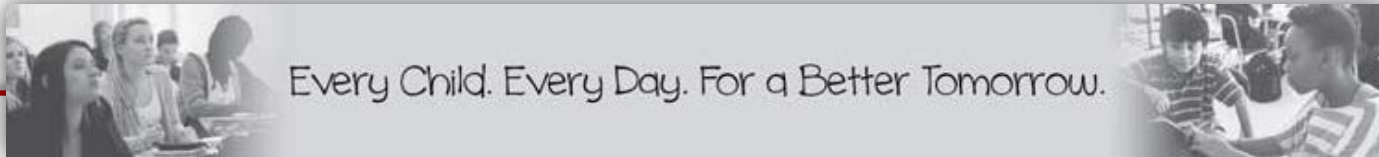
2014-15 Explore

- Engage Coulwood community in various program and grade-level configurations, including options for magnet focus and levels six – eight or K-8.

Project contingent on future voter-approved bonds and subsequent county funding authorization.



Capital Improvement Plan



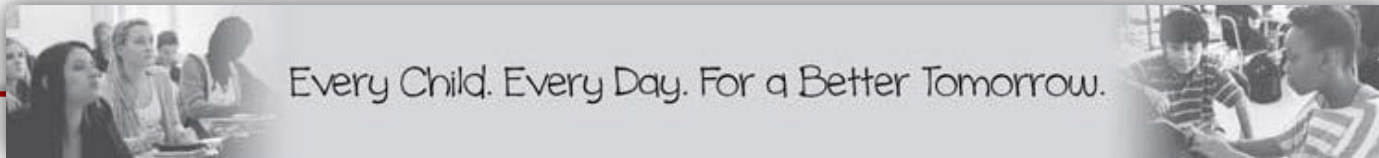
Every Child. Every Day. For a Better Tomorrow.

Olympic High School Addition/Renovations

Position 2

\$8,964,000

- Construction of a 20-classroom addition.
- Comprehensive renovation of auditorium.
- Improve facility condition and add capacity.

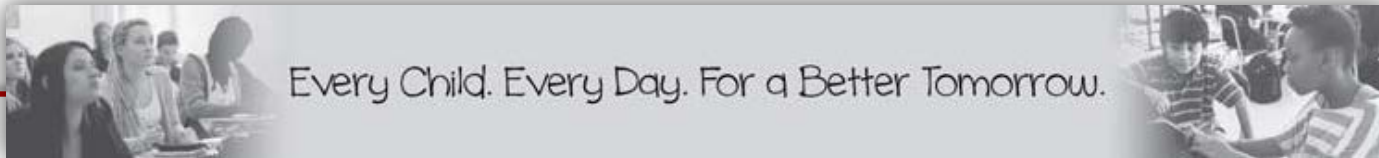


J.M. Alexander Middle School Replacement

Position 3

\$30,672,000

- New replacement school similar to Whitewater and Ridge Road middle schools.
- Existing facility beyond economical repair.



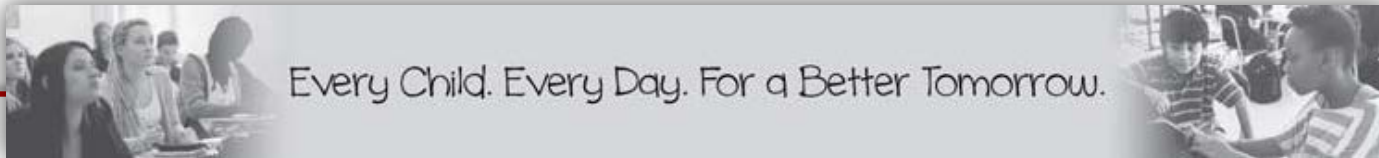
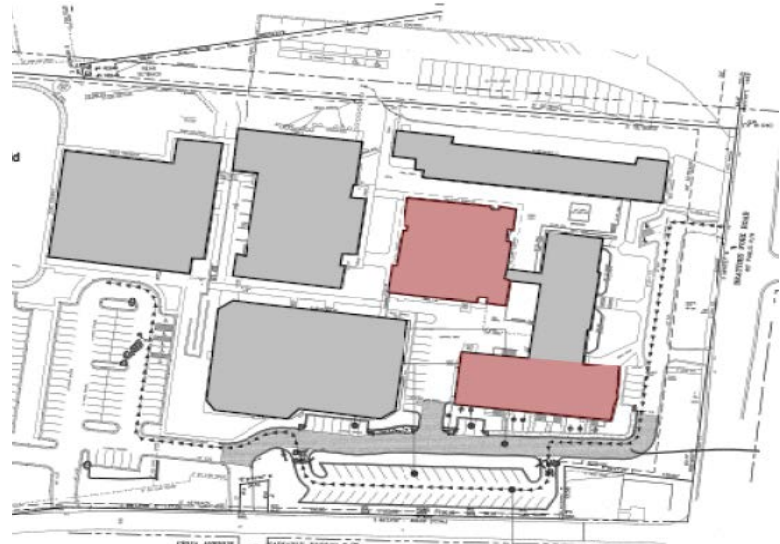
Every Child. Every Day. For a Better Tomorrow.

Northwest School Of The Arts

Position 5

\$12,420,000

- Complete renovation of auditorium.
- Comprehensive renovation of 1969 classroom building.
- Improve facility condition.

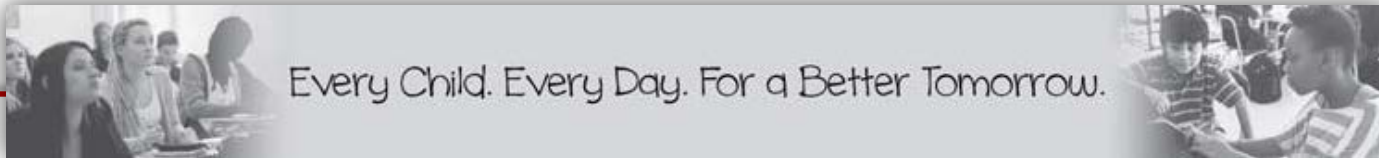
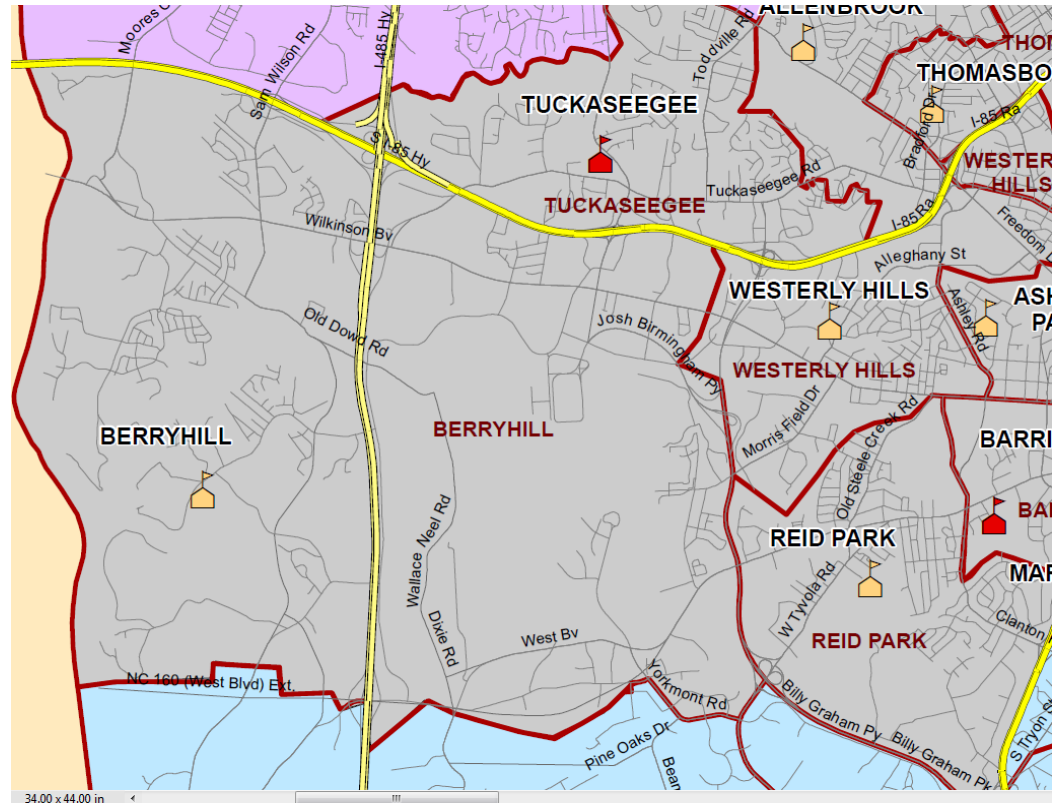


Berryhill/Reid Park Elementary School Relief

Position 7

\$29,376,000

- New 54-classroom Pre K-8.
- Provide relief for Berryhill and Reid Park.

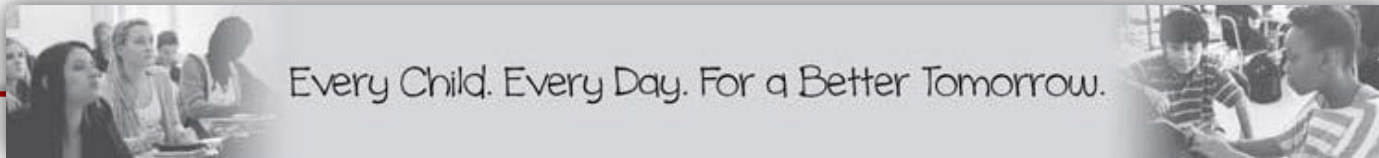


Nations Ford Elementary Replacement School

Position 8

\$19,440,000

- New 39-classroom replacement elementary school near E.E. Waddell Academy campus.
- Existing site for future Collinswood replacement.
- Facility beyond economical repair.

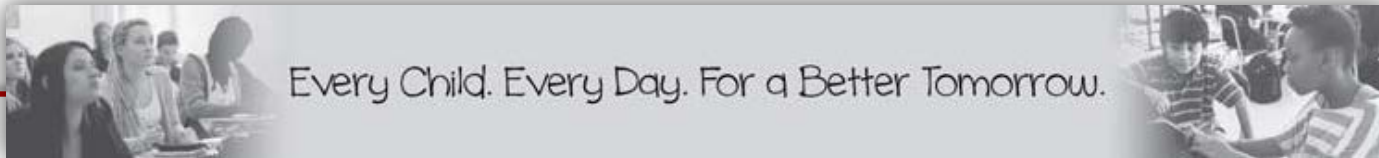


Myers Park High School Addition/Renovation

Position 9

\$22,248,000

- Add 50-classroom multi-story building.
- Renovations to kitchen/cafeteria.
- Demolition of buildings that house chemistry, biology, and information technology.
- Increase capacity and replace buildings beyond economical repair.

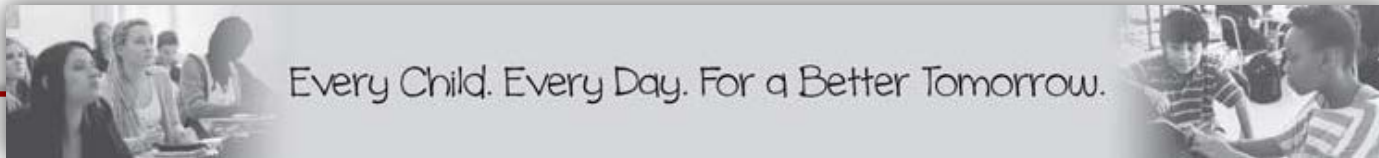


East Mecklenburg High School Addition/Renovation

Position 10

\$12,744,000

- Add 30-classroom building.
- Renovations to selected areas including locker rooms.
- Increase capacity and replace building beyond economical repair.



Pre K-8 Additions/Renovations

Position 11

\$24,732,000

Complete Conversions of Pre-K-8 Schools

- Bring schools up to Pre K-8 standards.
- Ashley Park Pre K-8 (*gymnasium; exploratory and arts classrooms; technology classrooms*)
- Bruns Avenue Pre K-8 (*kitchen and cafeteria upgrades; exploratory and arts classrooms*)
- Walter G. Byers Pre K-8 (*exploratory and arts classrooms; technology classrooms*)
- Druid Hills Pre K-8 (*gymnasium; exploratory and arts classrooms*)
- Reid Park Pre K-8 (*gymnasium; exploratory and arts classrooms; dining expansion*)
- Westerly Hills Pre K-8 (*gymnasium; exploratory and arts classrooms; technology classrooms*)



Ashley Park



Druid Hills



Reid Park



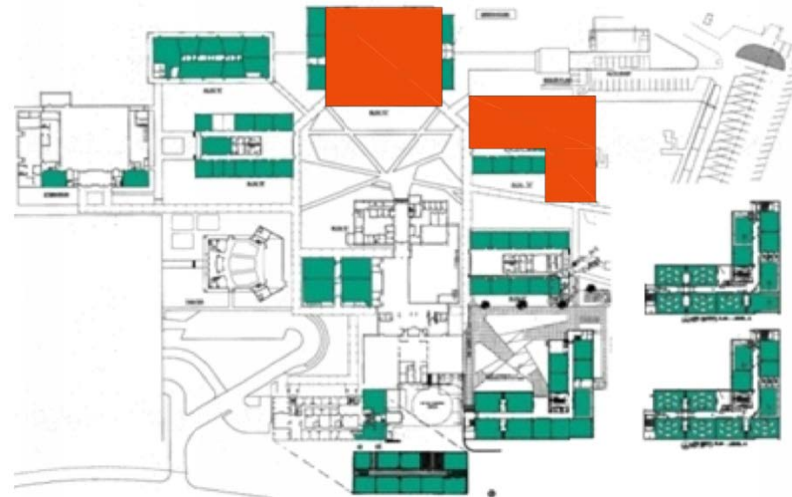
Westerly Hills

South Mecklenburg High School Renovations/Additions

Position 12

\$18,360,000

- New kitchen and cafeteria building.
- New three-story, 30-classroom building.
- Demolition of C and D buildings.
- Increase capacity and replace buildings beyond economical repair.



Berryhill Pre K-8 Replacement School

Position 16

\$29,376,000

- New 54-classroom replacement school.
- Replace building beyond economical repair.

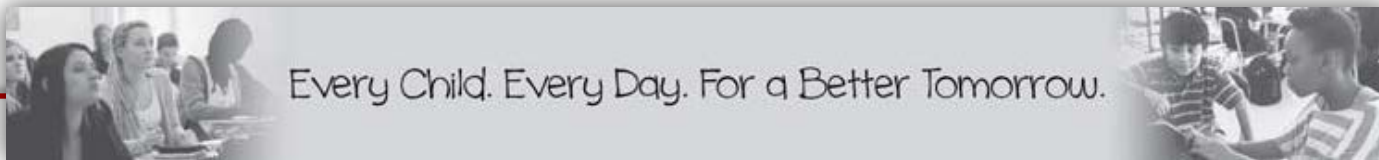


Statesville Road Elementary Replacement School

Position 17

\$19,440,000

- New 39-classroom prototype elementary school.
- Replace building beyond economical repair.

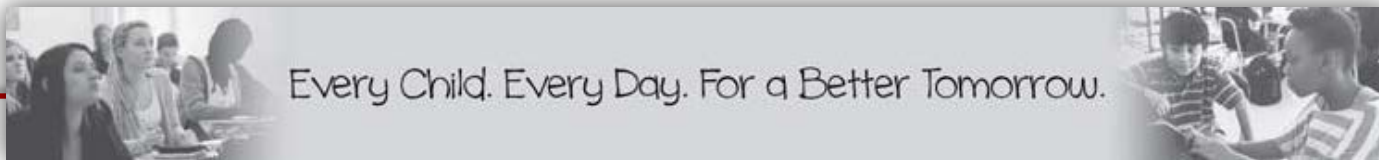


Selwyn Elementary School

Position 18

\$2,592,000

- Comprehensive renovation of the original 12-classroom building currently in use.
- Improve condition of existing facility and removal of buildings beyond economical repair.

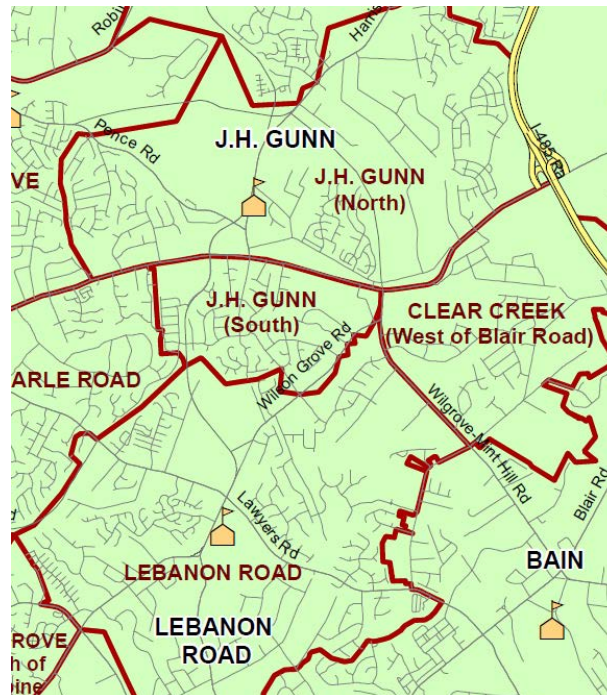


New Elementary School (ES #1)

Position 20

\$19,440,000

- New 39 classroom prototype elementary school to relieve JH Gunn/Lebanon Road elementary schools.
- Provide additional K-5 capacity.

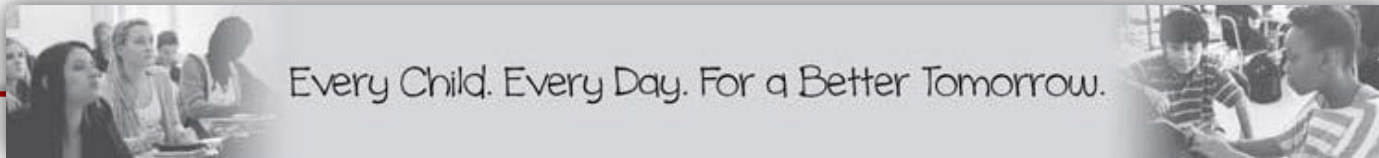


Northridge Middle School Addition

Position 21

\$6,048,000

- New addition to increase capacity to 1,200.
- Provide additional capacity for 6-8.

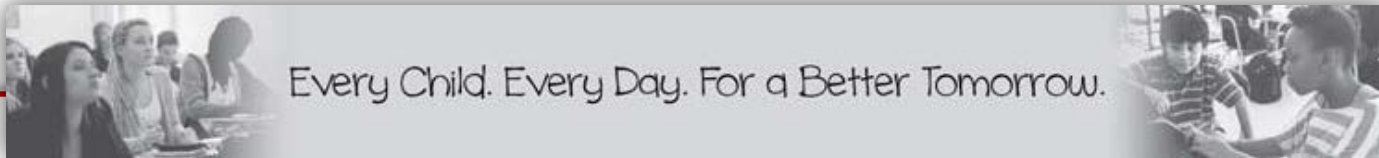


Remainder Of Top Forty Priorities

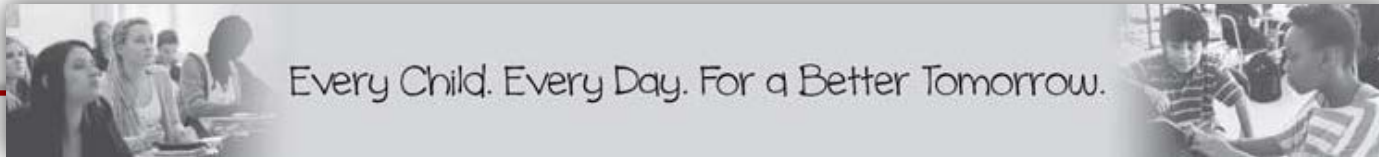
Project	Cost
▪ Operable wall replacement (various)	540,000
▪ Fire alarm upgrades (various)	270,000
▪ University Park renovation	5,832,000
▪ Americans with Disabilities Act compliance (various)	1,080,000
▪ Site acquisition	4,320,000
▪ Food service upgrades (various)	2,430,000
▪ Lansdowne ES replacement school	19,440,000
▪ Security upgrades	1,404,000
▪ Providence HS additions/renovation	26,302,401
▪ New Pre K-8 relief (Bain ES/Mint Hill MS)	29,376,000
▪ Plumbing restroom upgrades (Phase I)	2,111,400
▪ Heating, Ventilation & Air Conditioning/Indoor Air Quality (Phase I)	30,888,000
▪ Electrical upgrades (Phase I)	697,000
▪ Lebanon Road ES additions/renovation	11,446,067
▪ Briarwood Pre-K-8 replacement	29,648,000
▪ High school athletic facilities and repair of existing swimming pools	19,075,000
▪ Roofing	2,642,160
▪ Paving and site work	3,035,650

Next Steps

- 2013 Capital Needs Presented to CMBE March 26
- Public Hearing On 2013 Capital Improvement Plan (CIP) April 9
- CMBE Approves 2013 Capital Improvement Plan April 23
- Presentation of 2013 Bond Request to BOCC May 7
- BOCC Approves Revised 2013 Bond Request May 21
- CMS Public Engagement June-November
- General Election November 5

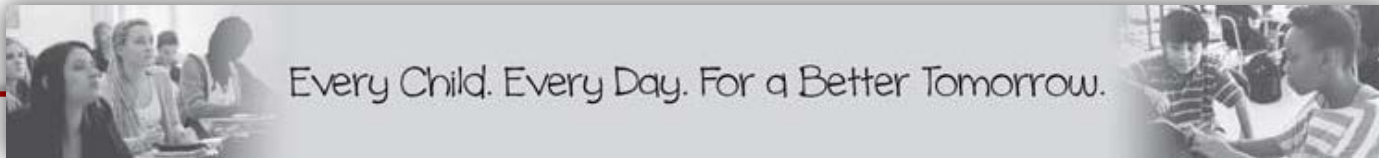


Questions

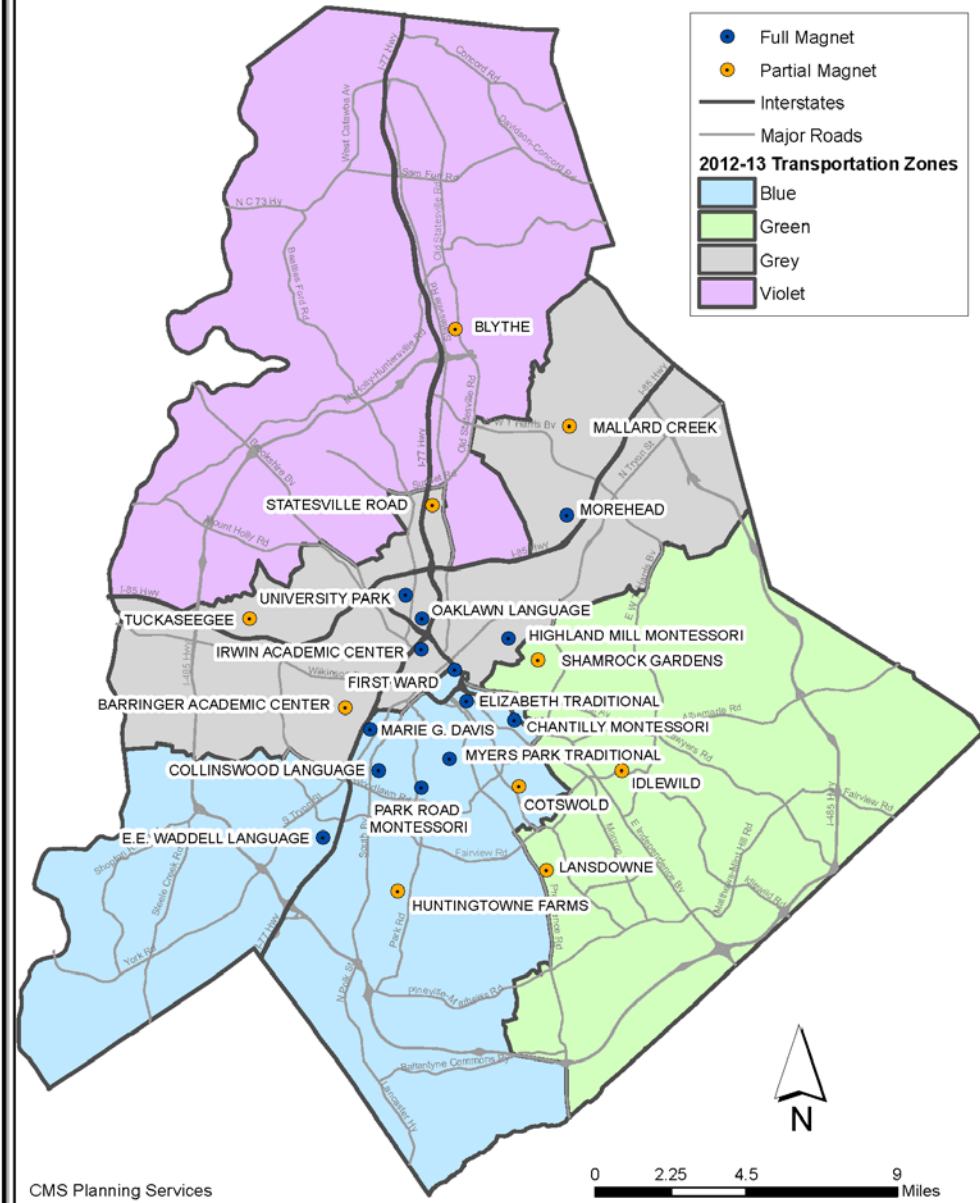


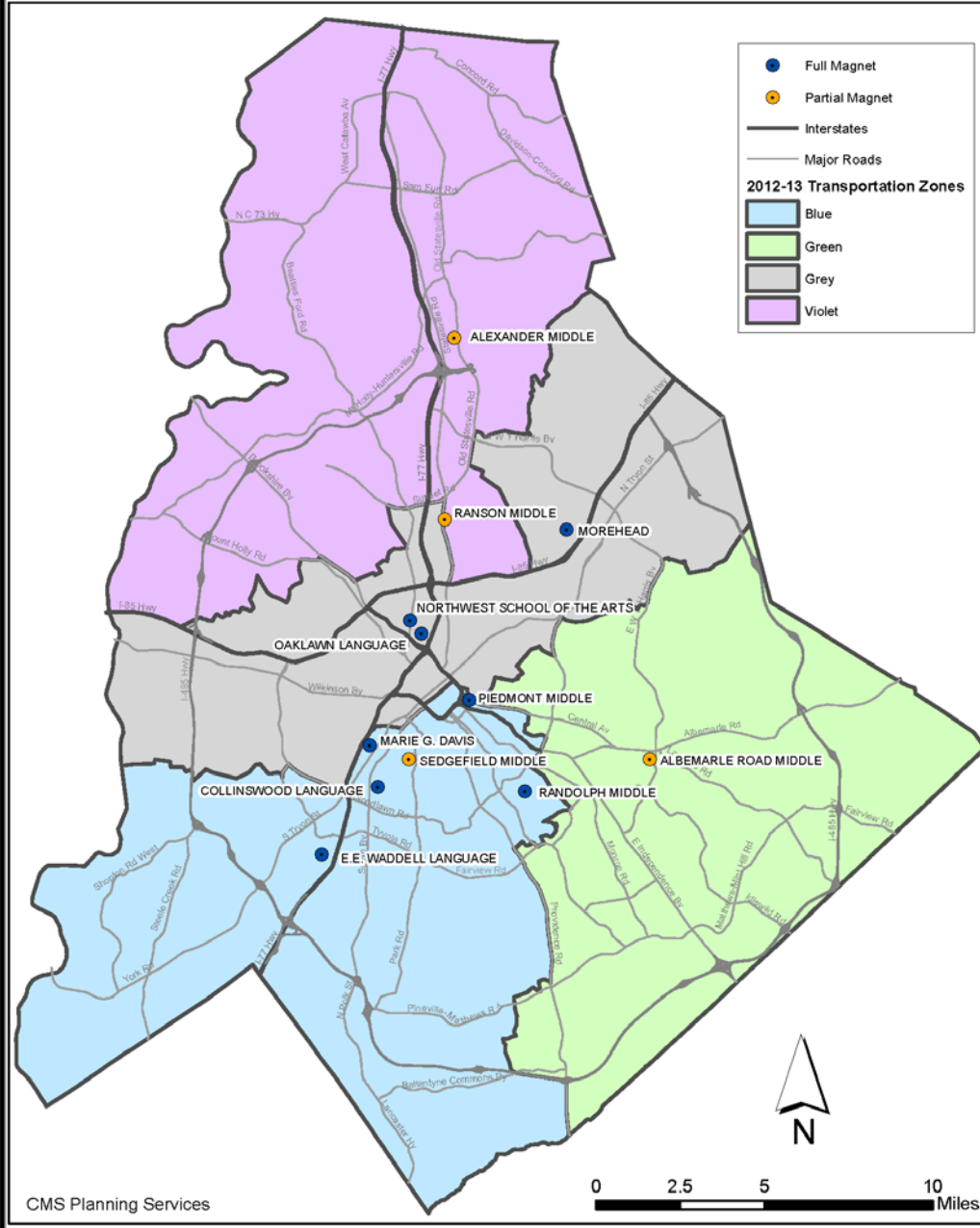
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Appendix

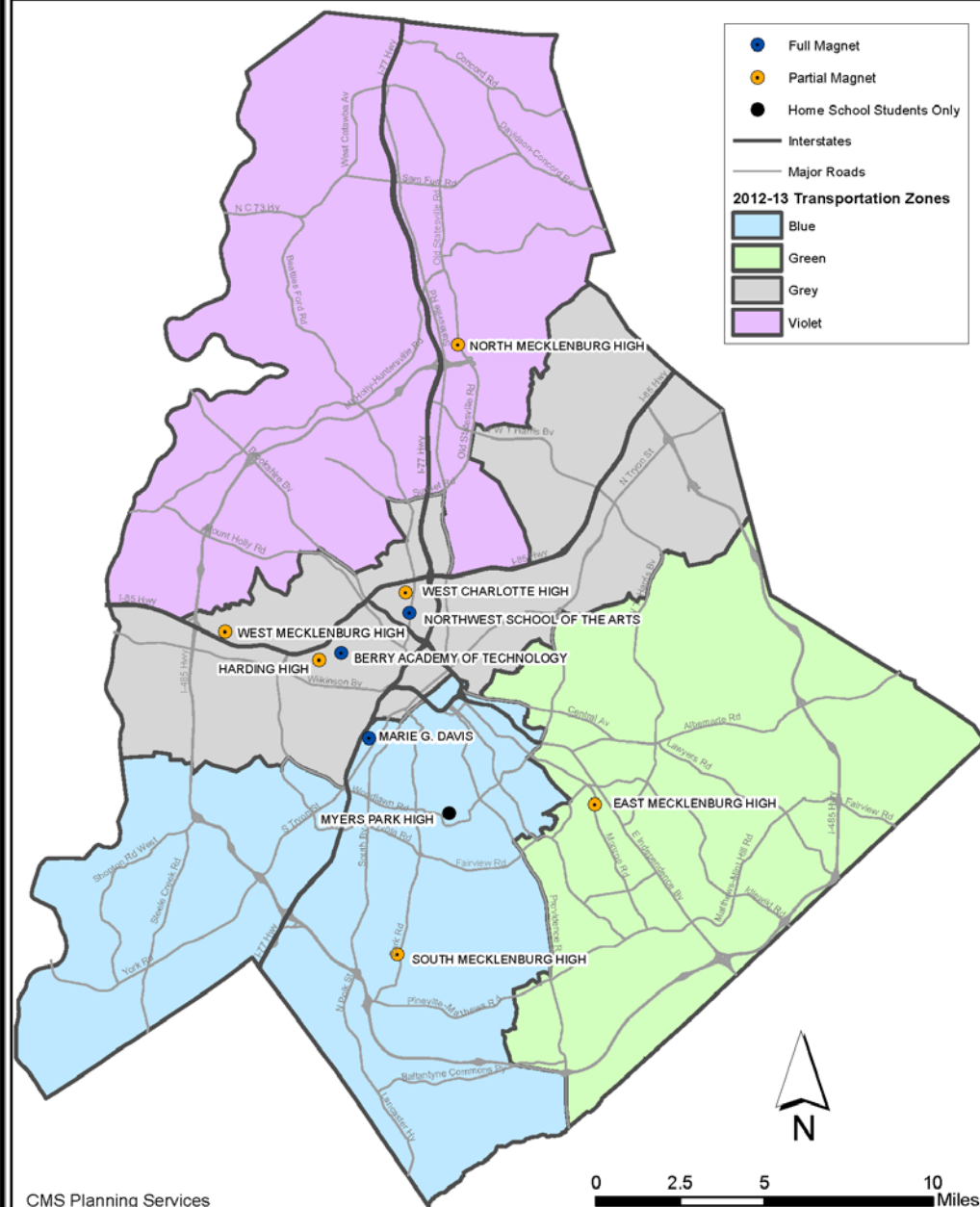


Every Child. Every Day. For a Better Tomorrow.



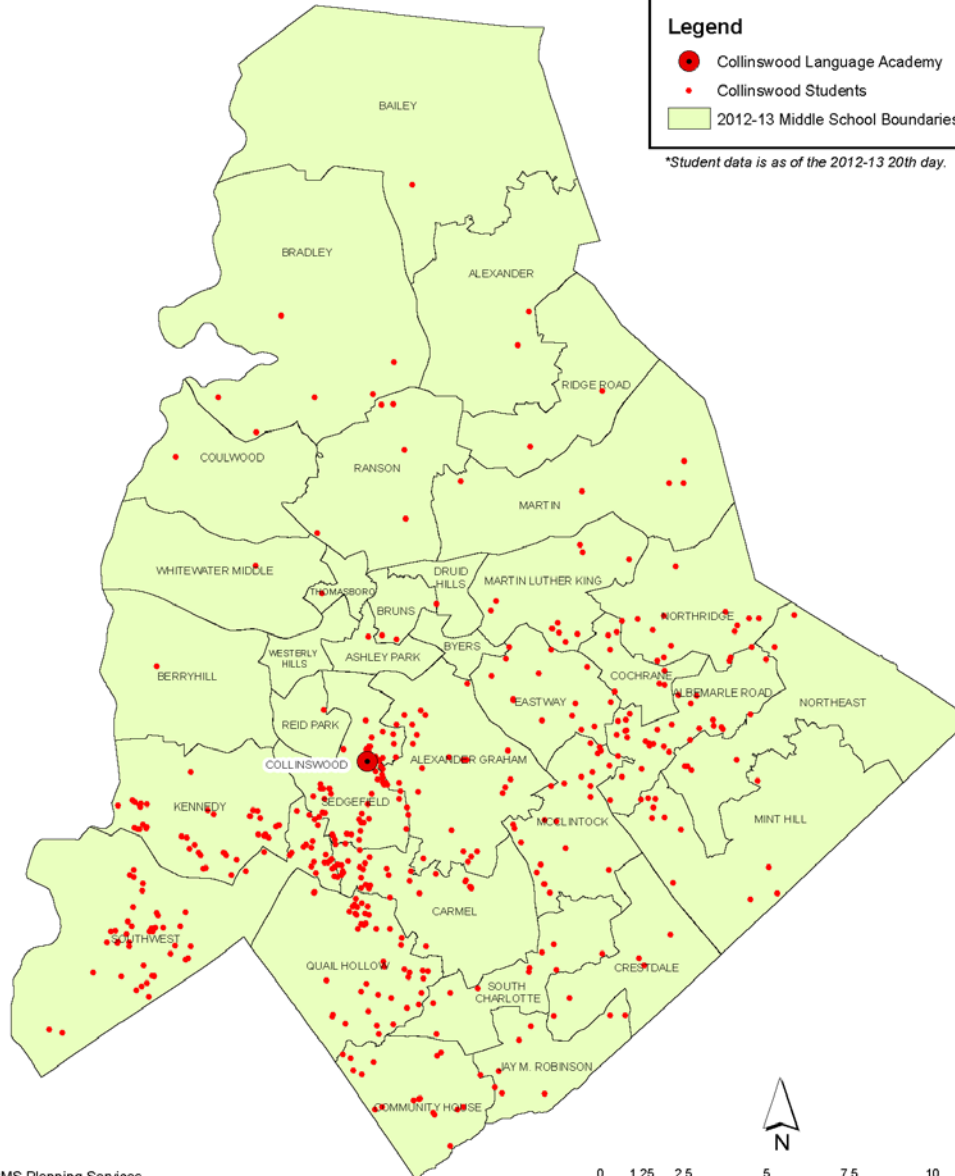


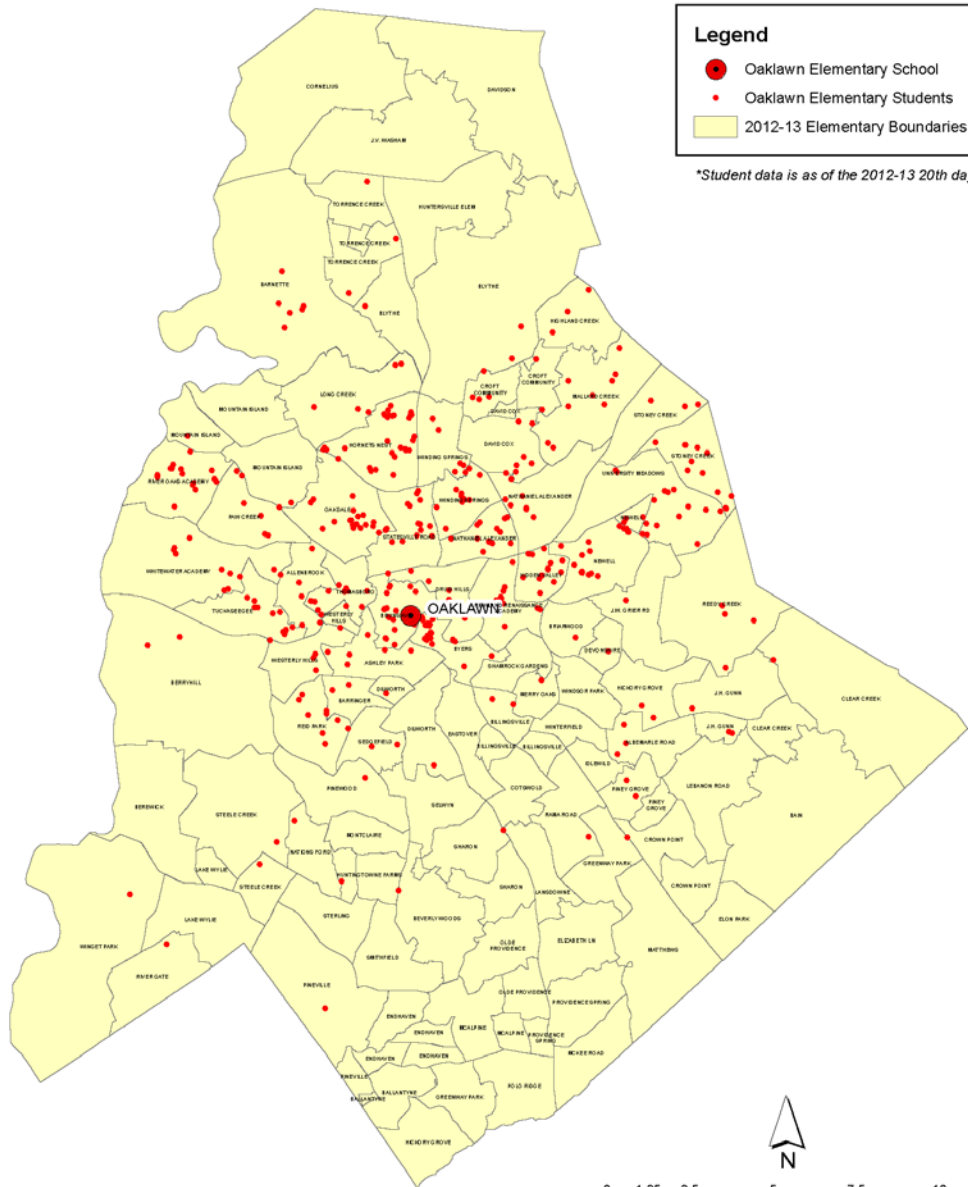
**CHARLOTTE-MECKLENBURG SCHOOLS
2012-13 HIGH SCHOOL MAGNET PROGRAM LOCATIONS**






- Legend**
- Collinswood Language Academy
 - Collinswood Students
 - 2012-13 Middle School Boundaries

**Student data is as of the 2012-13 20th day.*

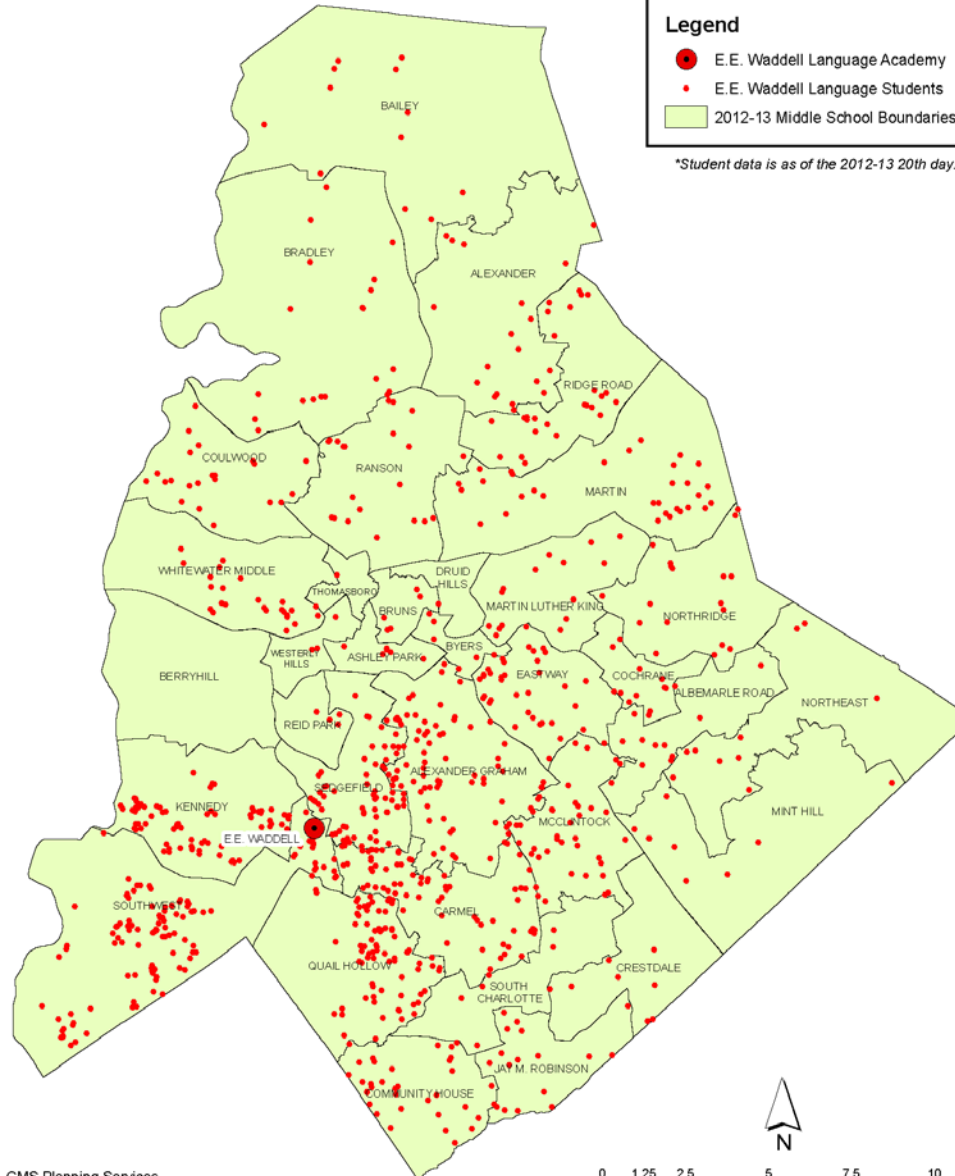




Legend

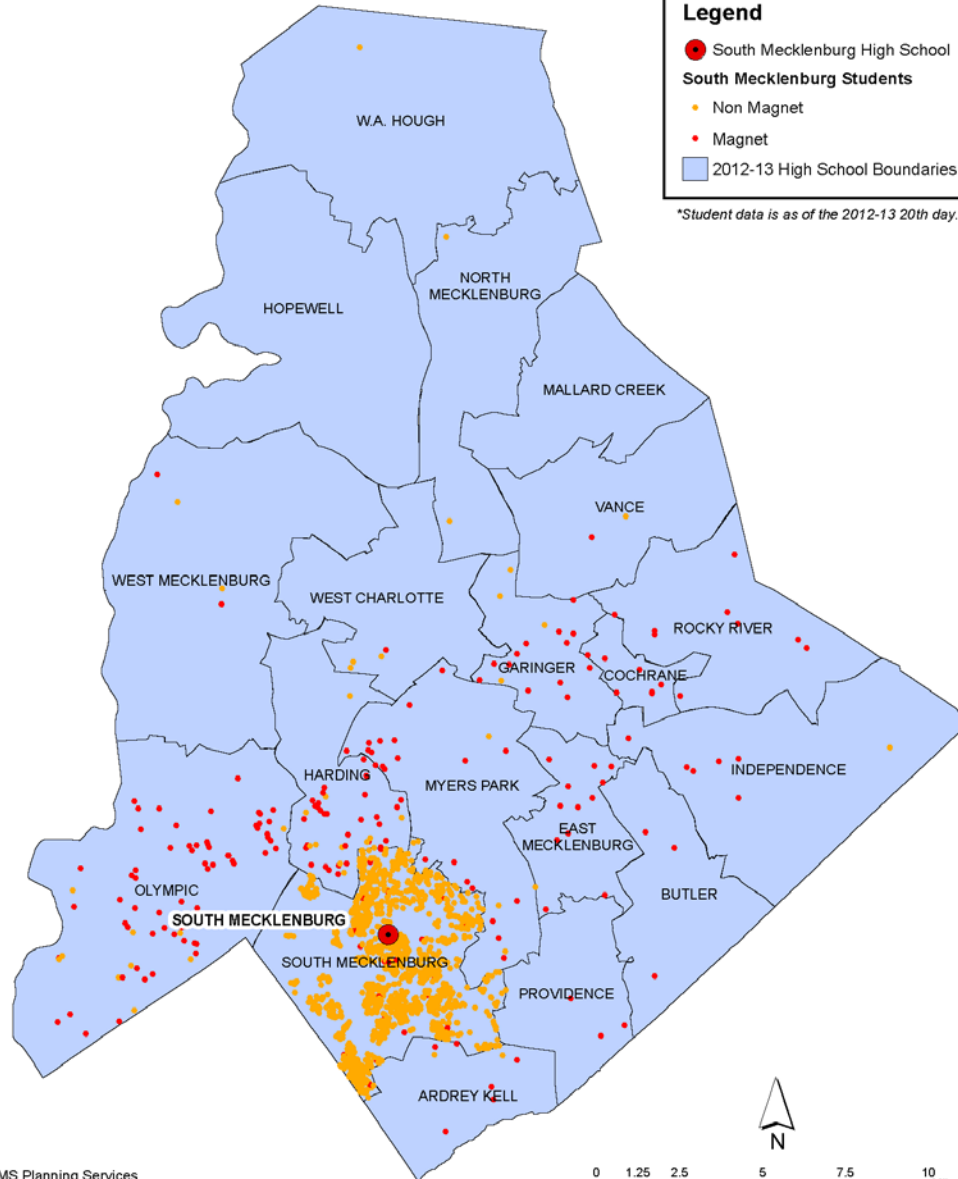
-  E.E. Waddell Language Academy
-  E.E. Waddell Language Students
-  2012-13 Middle School Boundaries

**Student data is as of the 2012-13 20th day.*



- Legend**
- South Mecklenburg High School
 - South Mecklenburg Students
 - Non Magnet
 - Magnet
 - 2012-13 High School Boundaries

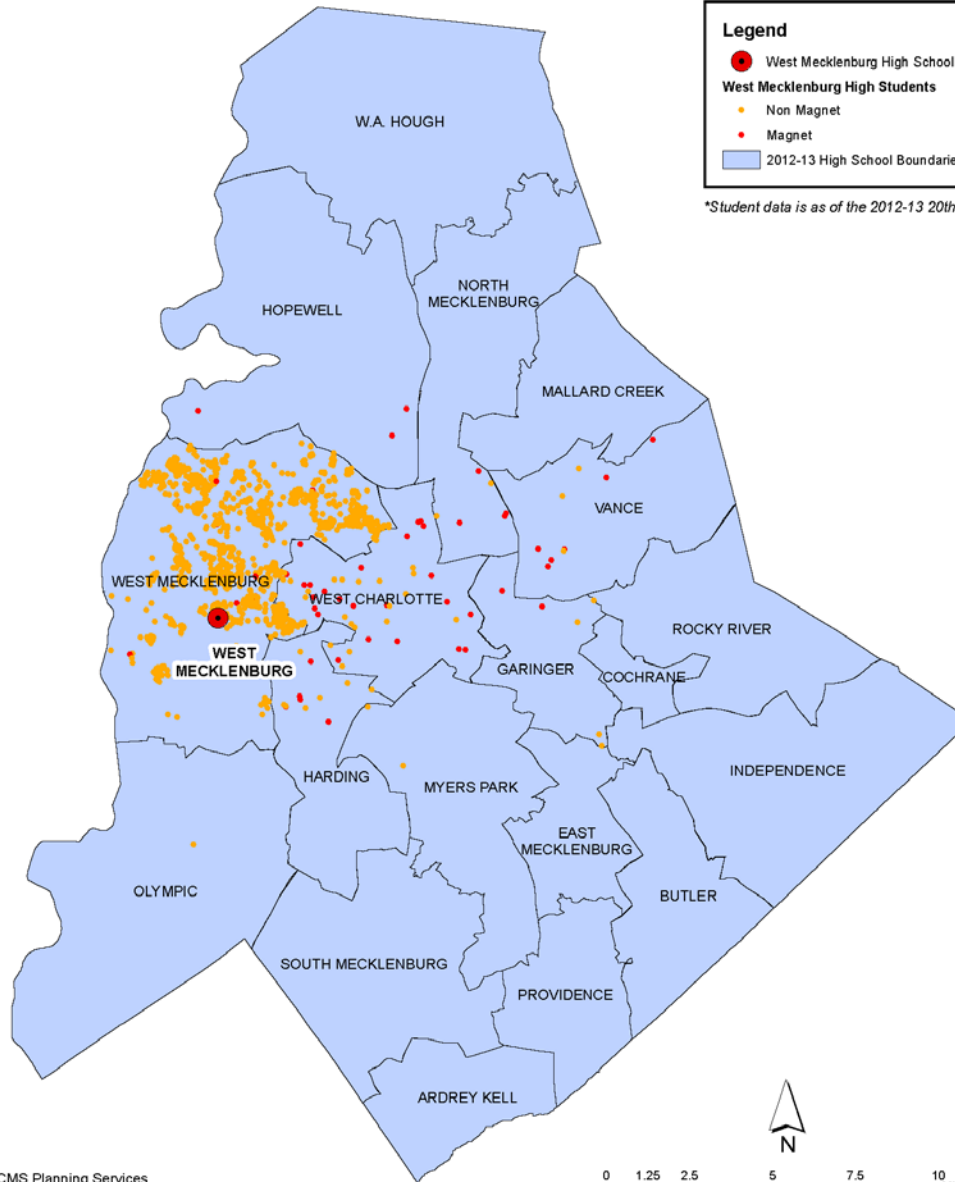
**Student data is as of the 2012-13 20th day.*



Legend

- West Mecklenburg High School
- West Mecklenburg High Students**
- Non Magnet
- Magnet
- 2012-13 High School Boundaries

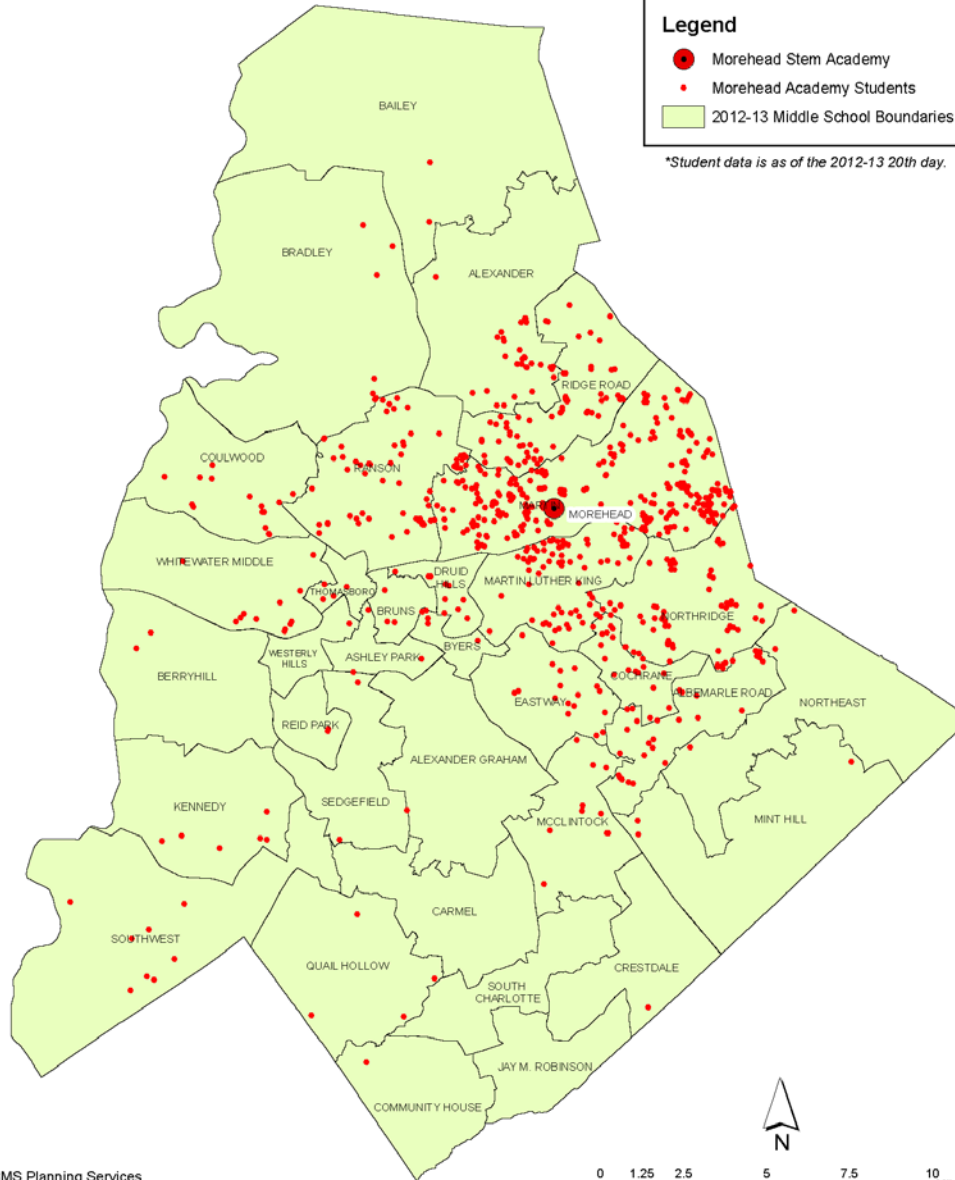
**Student data is as of the 2012-13 20th day.*

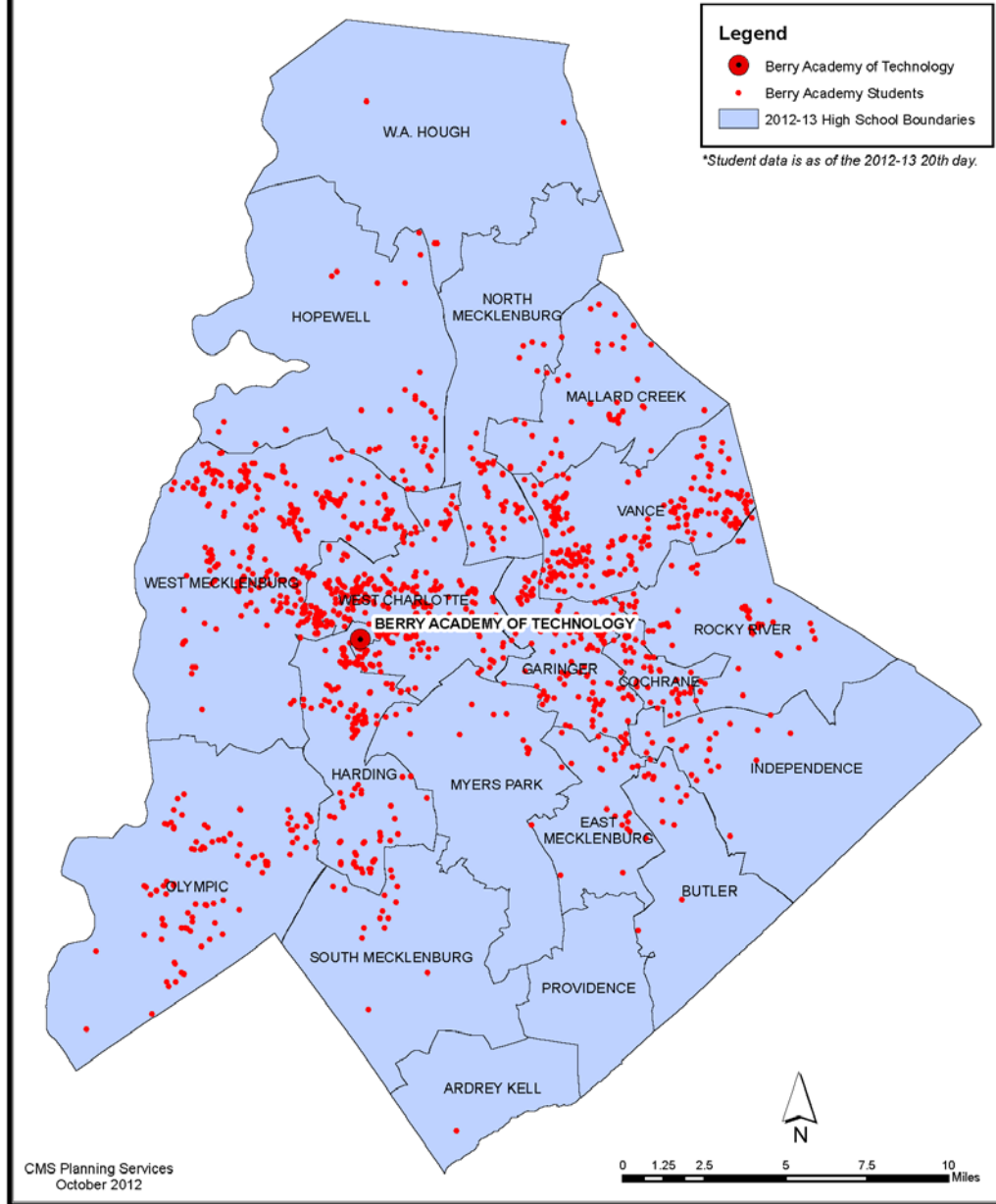


Legend

- Morehead Stem Academy
- Morehead Academy Students
- 2012-13 Middle School Boundaries

**Student data is as of the 2012-13 20th day.*





Magnet Feeders by Program

Please refer to footnotes on page 23



2012-2013 Magnet Transportation/Feeder School Chart

1. Identify the magnet theme of interest
2. Identify your magnet transportation zone. If you are unable to determine your transportation zone, please reference the Magnet School Maps or call Student Assignment at 980-343-5335. (Magnet schools may serve more than one transportation zone.)
3. Refer to the chart to identify the schools for which you will be eligible for transportation.

Center for Leadership and Global Studies & Military and Global Leadership Academy			
Transportation Zone	Elementary	Middle	High
Blue (Southwest)	Marie G. Davis (9)	Marie G. Davis (9)	Marie G. Davis (9)
Green (Southeast)	Marie G. Davis (9)	Marie G. Davis (9)	Marie G. Davis (9)
Grey (Central)	Marie G. Davis (9)	Marie G. Davis (9)	Marie G. Davis (9)
Violet (North)	Marie G. Davis (9)	Marie G. Davis (9)	Marie G. Davis (9)

International Baccalaureate (IB) Program			
Transportation Zone	Elementary	Middle	High
Blue (Southwest)	Huntingtowne Farms Cotswold	Randolph (7) (9)	Myers Park (1) East Mecklenburg (6) Harding (5) (9)
Green (Southeast)	Lansdowne	Albemarle Road Randolph (7) (9)	East Mecklenburg Harding (5) (9)
Grey (Central)	Statesville Road	Ranson Piedmont (7) (9)	West Charlotte Harding (5) (9)
Violet (North)	Blythe	Alexander(4) Ranson Piedmont (7) (9)	North Mecklenburg Harding (5) (9)

Learning Immersion/Talent Development Program

(only TD has continuation guarantee into middle school IB)

Transportation Zone	Elementary	Middle	High
Blue (Southwest)	Barringer (2)	Randolph (7) (9)	Myers Park (1) East Mecklenburg (6) Harding (5) (9)
Green (Southeast)	Shamrock Gardens Idlewild Barringer (2)	Albemarle Road Randolph (7) (9)	East Mecklenburg Harding (5) (9)
Grey (Central)	Tuckaseegee Irwin (2)	Ranson Piedmont (7) (9)	West Charlotte Harding (5) (9)
Violet (North)	Irwin (2) Mallard Creek (8)	Alexander (4) Ranson Piedmont (7) (9)	North Mecklenburg Harding (5) (9)

Montessori

Transportation Zone	Elementary (PreK-6)	Middle (7-8)	High
Blue (Southwest)	Park Road	Sedgefield	NA
Green (Southeast)	Chantilly	Sedgefield	NA
Grey (Central)	Highland Mill	Sedgefield	NA
Violet (North)	Highland Mill	Sedgefield	NA

Science, Technology, Engineering and Math (STEM)

Transportation Zone	Elementary	Middle	High
Blue (Southwest)	Morehead (9)	Morehead (9)	Berry (9)

Green (Southeast)	Morehead (9)	Morehead (9)	Berry (9)
Grey (Central)	Morehead (9)	Morehead (9)	Berry (9)
Violet (North)	Morehead (9)	Morehead (9)	Berry (9)

Traditional

Transportation Zone	Elementary		Middle	High
Blue (Southwest)	Myers Park (3)		NA	NA
Green (Southeast)	Elizabeth Traditional (3)		NA	NA
Grey (Central)	West – Myers Park (3)	East -Elizabeth Traditional (3)	NA	NA
Violet (North)	West – Myers Park (3)	East -Elizabeth Traditional (3)	NA	NA

Visual and Performing Arts

Transportation Zone	Elementary	Middle	High
Blue (Southwest)	First Ward	Northwest (9)	Northwest (9)
Green (Southeast)	First Ward	Northwest (9)	Northwest (9)
Grey (Central)	University Park	Northwest (9)	Northwest (9)
Violet (North)	University Park	Northwest (9)	Northwest (9)

World Languages (Spanish)			
Transportation Zone	Elementary	Middle	High
Blue (Southwest)	Collinswood (9)	Collinswood (9)	South Mecklenburg
Green (Southeast)	Collinswood (9)	Collinswood (9)	South Mecklenburg
Grey (Central)	Oaklawn (9)	Oaklawn (9)	West Mecklenburg
Violet (North)	Oaklawn (9)	Oaklawn (9)	West Mecklenburg
World Languages (Chinese, French, German, Japanese)			
Transportation Zone	Elementary	Middle	High
Blue (Southwest)	Waddell (9)	Waddell (9)	South Mecklenburg
Green (Southeast)	Waddell (9)	Waddell (9)	South Mecklenburg
Grey (Central)	Waddell (9)	Waddell (9)	West Mecklenburg
Violet (North)	Waddell (9)	Waddell (9)	West Mecklenburg

- (1) Myers Park IB for Myers Park HS attendance boundary only
- (2) Irwin TD – guarantee to Piedmont; Barringer TD – guarantee to Randolph; guarantee based on student’s transportation zone
- (3) Students from the home high school boundaries of Ardrey Kell, Harding, Hopewell, Myers Park*, Olympic Community of Schools, South Meck, West Charlotte and West Meck will receive transportation to Myers Park Traditional. Students from the home high school boundaries of Butler, Hough, East Meck, Garinger, Independence, Mallard Creek, Rocky River, Myers Park*, North Meck, Providence and Vance will receive transportation to Elizabeth Traditional. *Students in the Myers Park High School attendance area may apply to either Elizabeth Traditional or Myers Park Traditional.
- (4) Students must apply to Alexander (except Blythe IB and Violet transportation zone TD students in Mallard Creek LI/TD)
- (5) Harding – county-wide; must apply. Harding is the IB high school for students whose home school is Olympic or Harding. Students living in the Harding attendance boundary receive neighborhood transportation.
- (6) East Mecklenburg is the IB high school for students whose home high school is Ardrey Kell or South Mecklenburg
- (7) Piedmont and Randolph - half county-wide; must apply (except Irwin TD to Piedmont, Barringer TD to Randolph, Cotswold Blue zone residents, & Huntingtowne Farms Blue zone residents)
- (8) Mallard Creek serves the Violet transportation zone and the Mallard Creek High School attendance boundary
- (9) Magnet shuttle bus transportation service. Magnet student pick-up and drop-off locations and times at identified CMS sites will be designated by CMS Transportation for students attending these schools.