

# OPTIONS FOR 2016 BOND REFERENDUM

Board of Education – July 22, 2015

# Guiding question

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- What can we design to address our facility and programming needs to better achieve our goals of improving childhood literacy, increasing the graduation rate and closing the achievement gap?

# Timeline

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- Mid-July: Options shared with Board
- August: Collect Board suggestions and feedback
- Fall: Public feedback; meet with Forsyth County Commissioners
- Late October: Board hears public feedback
- November: Board and staff refine options, select those to present at public forums

# Timeline

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- January/February: Public forums
- April: Board approves request to County Commissioners
- May/June: Board presents request to County Commissioners to be placed on November 2016 ballot

# What are our starting points?

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- Work done since 2006 bond referendum
- Age of buildings
- Growth and capacity
- Programming, diversity and equity
- Feedback from February Board of Education retreat

# Work since 2006 bond referendum

- WS/FCS identified \$422M in needs in 2006; this was pared down for the \$250M bond referendum.
- The projects cut in 2006 provide a starting point.
- A new list was created in January 2010 as WS/FCS prepared for a possible 2012 referendum. The projected cost ranged from \$344M to \$471M depending on inflation.
- The costs included in this presentation are present-day costs. We will need to factor in inflation when narrowing down a final list.

# Projects removed from the 2006 bond referendum

<b>Proposed Projects by year</b>	
<b>2011</b>	
New Southwest Elementary	800 capacity near West High School
Konnoak Elementary	Renovate original building/construct office
Philo Middle	Renovate original building & replace windows
Paisley Middle	Renovate original building & replace windows
Brunson Elementary	Replace heat pipes, windows, restrooms, and install O.A. units
New Zone 6 Elementary	800 capacity near Brookberry
<b>2012</b>	
Old Richmond Elementary	Construct 6 classrooms addition
East Forsyth High School	Replace windows and unit ventilators
New Mid East Middle	760 capacity
<b>2013</b>	
Southwest Middle conversion from Elementary	Demolish elementary and rebuild new, renovate auditorium and gym
Reynolds High School	Renovate 1950's History building, Fire Alarm
New Northwestern Middle	760 capacity near Reagan High School
<b>2014</b>	
New Reynolds Park High School	1000/1400 capacity
North Forsyth High School	Renovate original buildings-roof, lights, windows, etc.

# Age of buildings

- 17 buildings more than 50 years old
- Systems, such as heating, air conditioning, lighting, and roofing are outdated
- Program space is outdated
- ADA access needs to be updated

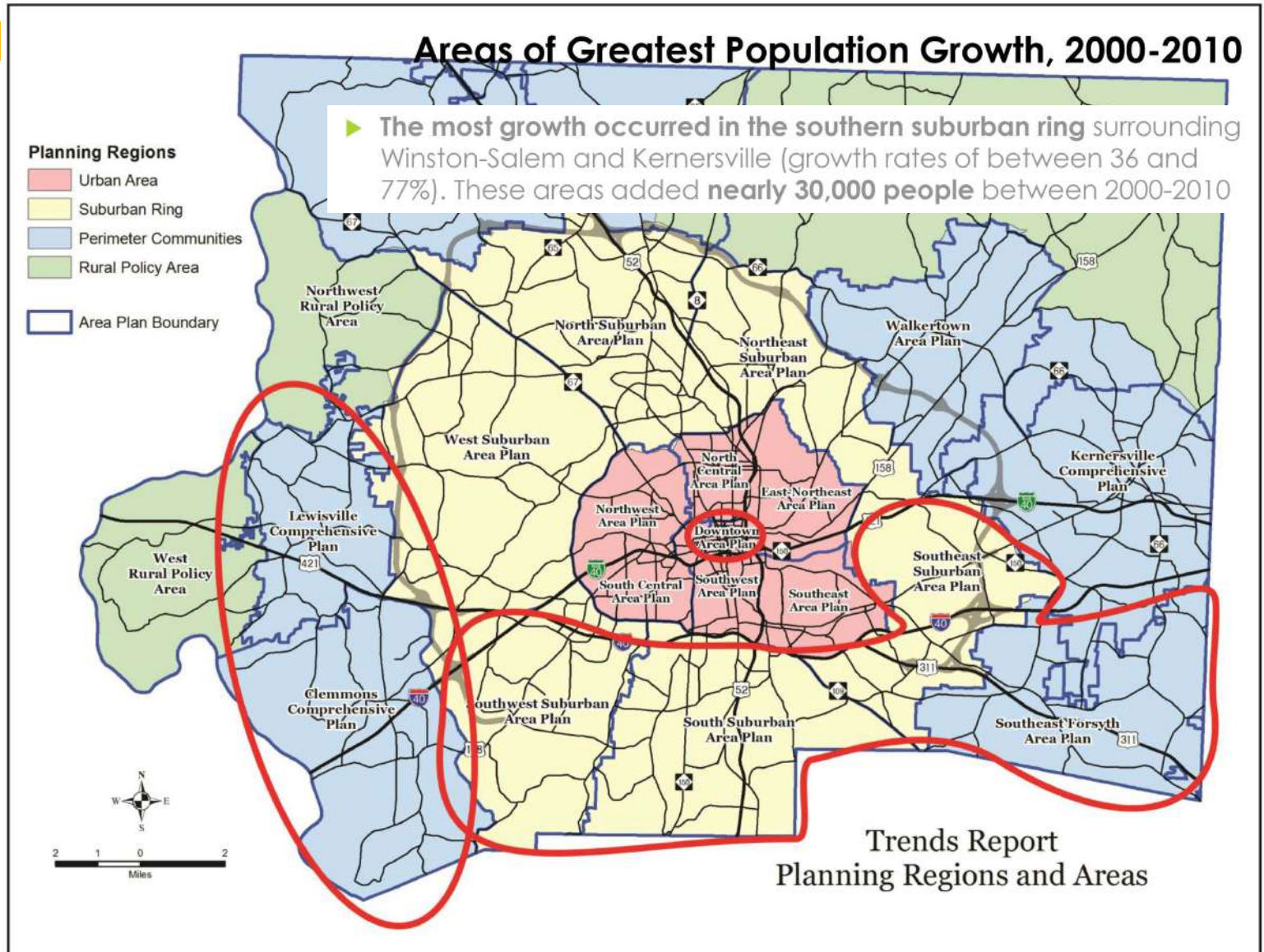
	School Facilities by Age		Schools Shaded below have been renovated,
2001 & 2006 Bonds	School Facilities by Age 1923 to 1963	Year Constructed	Schools Shaded below have been renovated,
2001 partial	Lewisville E (need Classroom reno)	47, 51,75,89,00	Partial Reno 47 & 51 in 2000
	Cook E	50,55	Partial Reno 1999
	Hanes Gym & Lowrance Bldgs.	(30),52,55,58,91	Renovated 1930 in 1991
	Reynolds History Bldg. & Gyms	(23),52,56,63,68,93,07	Renovated 1923 in 1993
	Konnoak E (Original Blds.)	56	
	Southwest E	56,57	
	Paisley M	58,60	
	Easton E (Original Blds.)	58	Partially Renovated 2002
	Brunson E	59, 78	
	Wiley (Gym)	(25,60),95	Renovated 1925 in 1995
2001 partial	Hill M (Temporary Hanes)	60	Partially Renovated 2000
	Philo-Hill M	60	
2006 partial	Sherwood Forest E	62,64	
	East H (Partial)	62	Partially Renovated 2005
2001 renovate CTE	Ashley E	63,85,86,99	Partial 1963 Reno 1999
	Kennedy M	63	
	North H (Original Blds.)	63,66,68	
	Parkland H (Original Blds.)	65	
	Bolton E (Original Blds.)	66	
	Kimberley Park E (Original Blds.)	66	
	Mt. Tabor H (Original Blds.)	66	
	Griffith E (Partial)	67	Front older building
	Jefferson M (Original Blds.)	68	



# Growth and capacity

- 2004-05 Enrollment: 47,850
- 2014-15 Enrollment: 53,689
  
- 2006 Mobile Classrooms: 358
- 2014 Mobile Classrooms: 465
  
- As we talk about adding capacity at some schools, we are talking about moving students from mobile classrooms to brick-and-mortar classrooms.

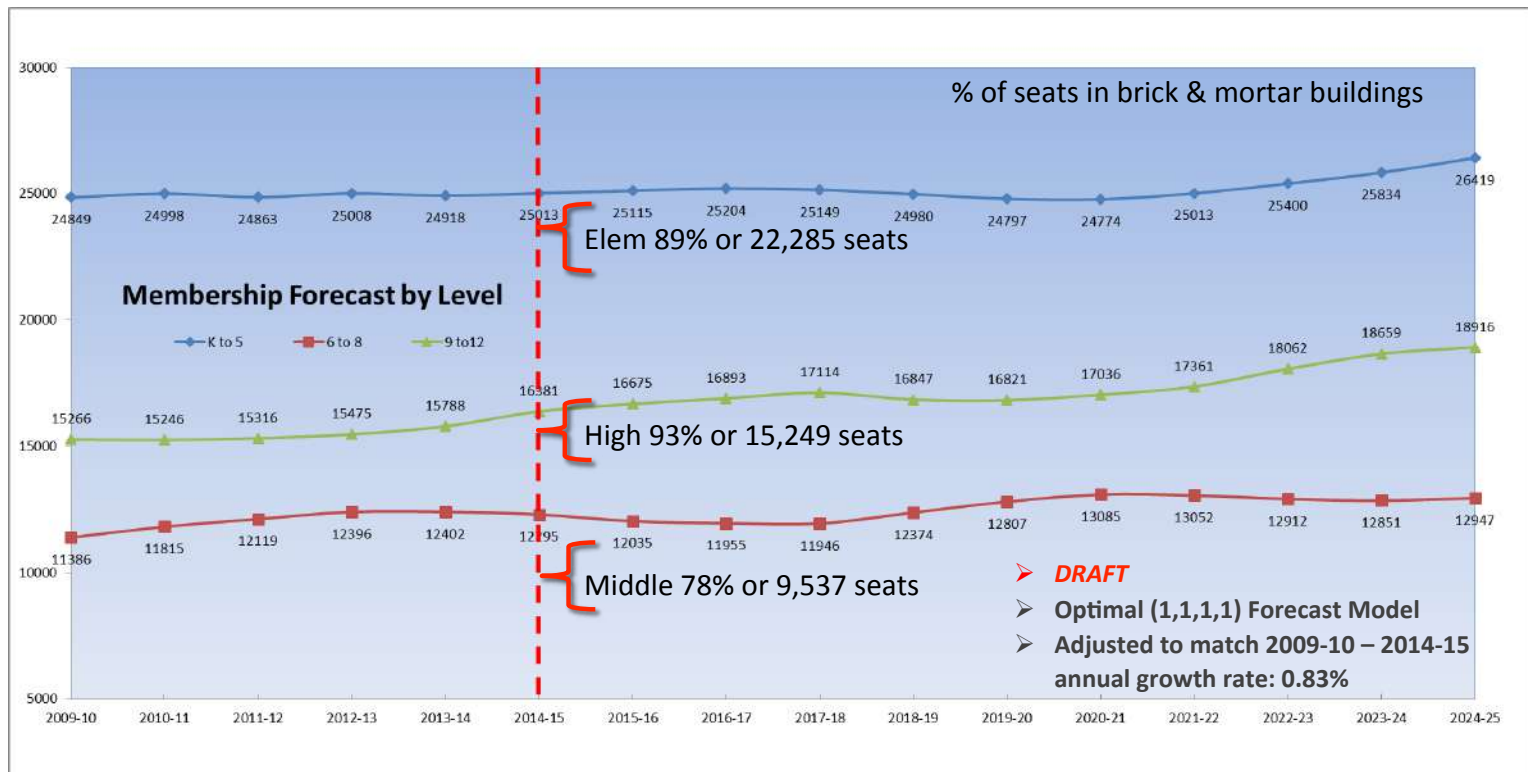
# Growth and capacity



# Growth and capacity



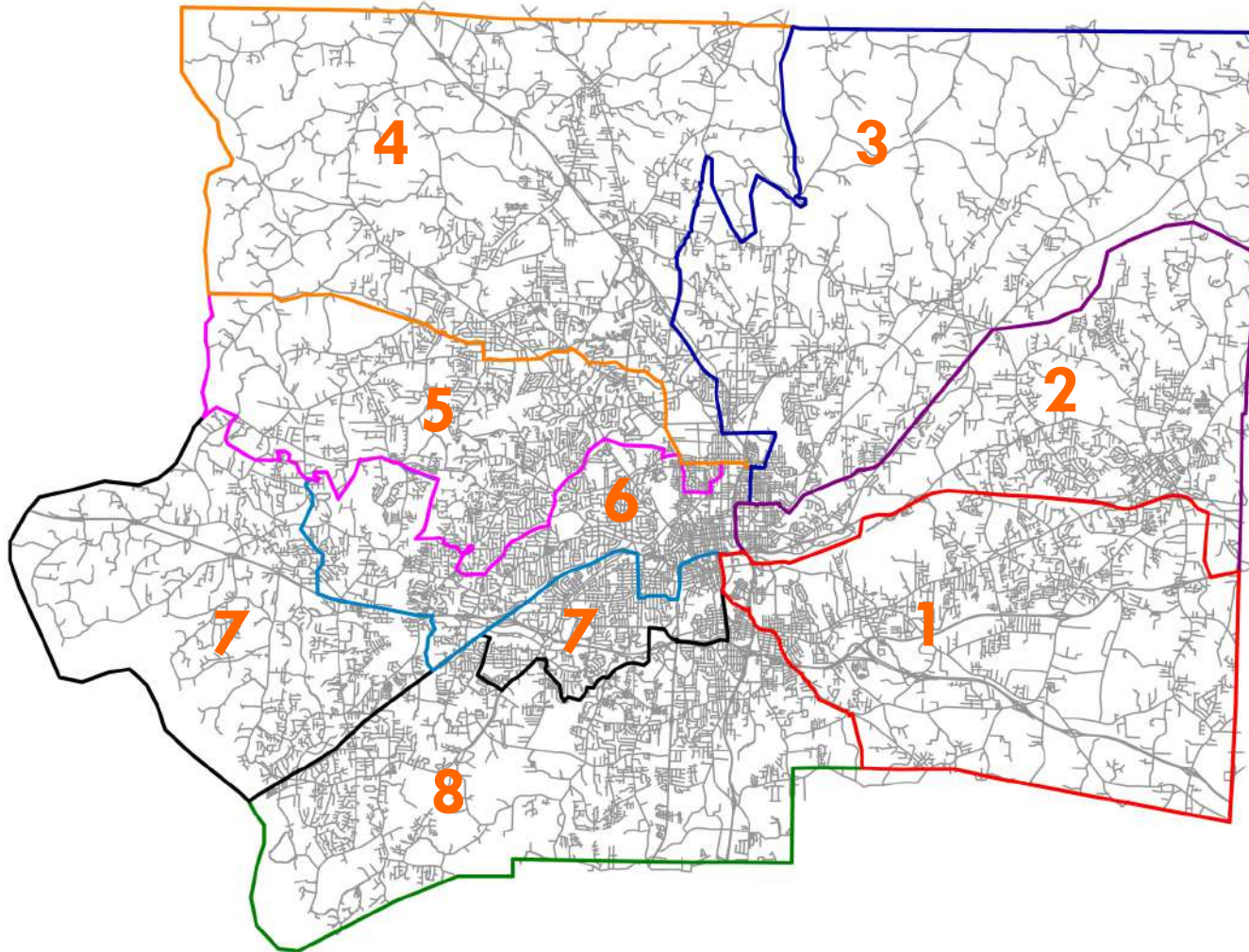
## WSFCS System-wide Enrollment Forecast *DRAFT*



# Growth and capacity/Elementary

Schools By Zone	Total Residential Students in Zone	Building Capacity	Over/Under
Zone 1	4,033	3,549	484
Zone 2	2,472	2,212	260
Zone 3	2,718	2,328	390
Zone 4	3,271	2,701	570
Zone 5	2,508	2,384	124
Zone 6	2,539	2,315	224
Zone 7	3,048	3,402	354
Zone 8	4,666	3,161	1,505
<b>Totals</b>	<b>25,255</b>	<b>22,285</b>	<b>2,970</b>

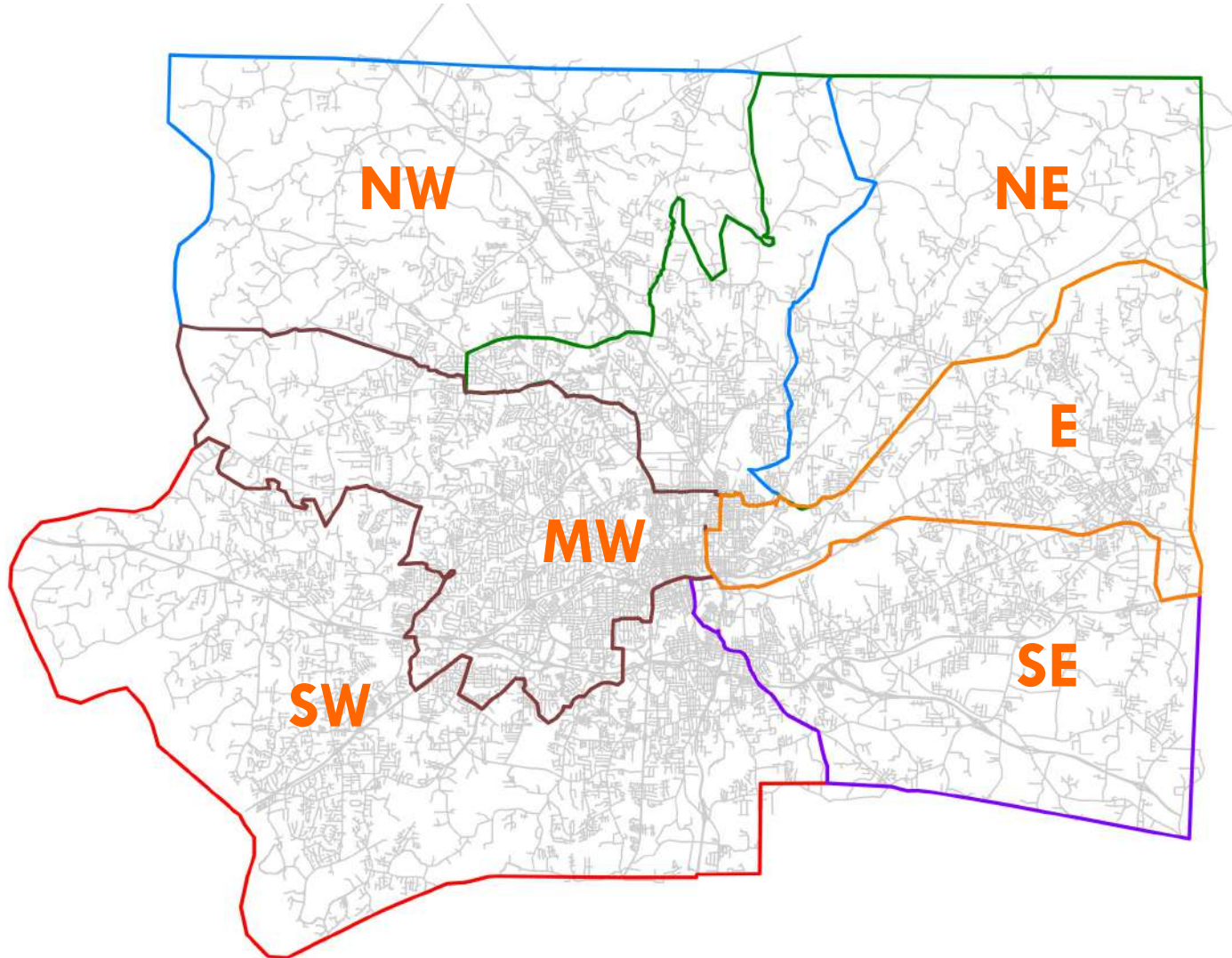
# Elementary zones



# Growth and capacity/Middle

<b>Schools By Zone</b>	<b>Total Residential Students in Zone</b>	<b>Building Capacity</b>	<b>Over/Under</b>
Midwest Zone	2,387	1,891	496
East Zone	1,654	1,675	21
NE & NW Zone	2,793	2,505	288
SW Zone	2,860	2,078	782
SE Zone	2,436	1,180	1,256
Kennedy & Downtown	0	208	236
<b>Totals</b>	<b>12,130</b>	<b>9,537</b>	<b>2,593</b>

# Middle zones



# Programming, diversity and equity

- What is our vision for how our schools look after a successful referendum and building campaign?
- How can we use the bond referendum to achieve our goals of early childhood literacy, improved graduation rates and the closing of achievement gaps?
- How can we improve choice with the placement of high quality programs to increase diversity and equity?



# Programming, diversity and equity

- We have specific ideas to replicate successes in other locations or expand successful programs.
  - STEM locations
  - HAG locations
  - Expanded capacity English-language learners at Newcomer Center
  - Improving access to specialized high schools
  - New Lowrance to follow the model of Carter High
  - Innovative Learning Centers

# Programming, diversity and equity

- In other areas, we have ideas to be explored as new schools are built.
- If we add new elementary and middle schools to address capacity needs, could they work with existing schools to offer:
  - KG-8 schools
  - Single-gender schools
  - Year-round schools

# Programming, diversity and equity

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- Middle school sports
- Transportation

# Four options

- Our goal is to present you with four visions.
- Think of these as a menu of choices.
  - ▣ For example, in one option we address capacity needs in Zone 8 with a new elementary school. In another, we use additions at existing schools.
- There are some needs that must be addressed that may be outside of a particular vision.

# Priority projects

- Konnoak Elementary replacement \$18,986,625
- Lowrance Middle replacement \$19,542,314  
at Paisley
- John F. Kennedy High renovations \$18,263,634
  - Equip our CTE high school with proper facilities

# Priority projects

- New site for WSPA high school \$6,904,800
  - Contingent on keeping all academic and athletic programs intact
  - Must find site that refocuses on school's founding mission for students to do college-level work in high school
  - Will not share campus with another WS/FCS school
  
- Long-term site for Hanes Magnet at \$5,040,000  
Cameron Avenue
  - Current site at former Hill Middle is not a long-term solution
  - Site closer to former Hanes would better serve residential students

# Priority projects

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- Innovative learning centers
  - ▣ Re-imagine media centers at all schools
  - ▣ Increases equity by ensuring that all students are affected by the bond referendum

# Innovative learning centers

Presentation Space  
Research Space  
Maker Space  
Collaborative Space





# Innovative learning centers

Presentation Space  
Research Space  
Maker Space  
Collaborative Space

**\$261,545**  
**per school**



# Priority projects

<input type="checkbox"/> Innovative learning centers	\$21,185,145
<input type="checkbox"/> Re-imagine media centers at all schools	
<input type="checkbox"/> Increases equity by ensuring that all students are affected by the bond referendum	
<input type="checkbox"/> New middle school	\$26,989,200
<input type="checkbox"/> Addresses capacity needs in middle schools; site to be determined	
<input type="checkbox"/> Maintenance & capital improvements	\$29,400,000
<input type="checkbox"/> Update building components: roofs, boilers, chillers, controls, windows, lights, generators, fire alarms	
<input type="checkbox"/> Stadium upgrade at Mount Tabor High	\$3,000,000
<input type="checkbox"/> <b>TOTAL</b>	<b>\$149,311,718</b>

# Option 1

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- How can we address capacity and safety needs?
- How can we address diversity and equity through programming?
- How can we use the opening of new schools as way to create options for year-round or single-gender?

# Option 1 /Elementary

<input type="checkbox"/> Ashley Academy <i>replacement, add capacity &amp; 2 pre-K rooms</i>	\$25,225,200
<input type="checkbox"/> Brunson Elementary <i>replacement, add capacity &amp; 2 pre-K rooms</i>	\$25,225,200
<input type="checkbox"/> Cook Elementary <i>renovation and repurpose</i> <input type="checkbox"/> <i>Prekindergarten site? Year-round or single-gender school?</i>	\$14,810,796
<input type="checkbox"/> Easton Elementary <i>addition, add capacity &amp; 2 pre-K rooms</i>	\$9,009,000
<input type="checkbox"/> Sherwood Forest Elementary <i>replace original buildings, add capacity</i>	\$14,811,206

# Option 1 /Elementary

- Southwest Elementary \$25,225,200  
*replacement, HAG program, add capacity  
& 2 pre-K rooms*
- New Zone 8 Elementary \$25,225,200  
*add capacity, relieve Zone 8 schools*
- Pre-Kindergarten Center \$3,024,000  
*add 6 pre-K classrooms*
- Land for an eastern elementary \$1,500,000

# Option 1 / Middle

- Hill Middle building \$28,507,343  
*replacement, add capacity, could serve as second HAG site for middle schools*
- Paisley IB Magnet \$23,490,086  
*renovation, add capacity, enhance IB Programme*
- Philo-Hill Magnet \$17,096,649  
*renovation, addition, add capacity, could serve as STEM middle*
- Wiley Magnet \$9,324,000  
*renovation, add capacity, new gym, enhance STEAM program*

# Option 1 / Middle

- New middle at Smith Farm \$26,989,200  
*add capacity, relieve southeastern Forsyth County, possibility of K-8 Newcomer Center on elementary and middle schools' campuses*
- New Walkertown Middle \$26,989,200  
*add capacity at Walkertown High*
- New Robinhood Middle \$26,989,200  
*add capacity, relieve Meadowlark & Jefferson*
- New Southwest Middle \$26,989,200  
*add capacity, relieve Clemmons, Flat Rock & Meadowlark*

# Option 1 / High

- North Forsyth High \$27,547,045  
*renovations, updates, gyms, safety and ADA*
- Reynolds High \$20,553,410  
*renovate history building, cafeteria, gyms, ADA, HVAC, add capacity*
- East Forsyth High \$20,139,230  
*renovations, updates, cafeteria, safety and ADA*



# Option 1 / Other Improvements

- Safety/Cameras \$3,500,000  
*district standards, entry access at middle schools*
  
- High School Stadium Updates \$13,000,000  
*Glenn (\$3M), North Forysth (\$2.5M),  
Deaton-Thompson (\$5M),  
Reynolds (\$2.5M)*
  
- Operations Improvements \$14,994,000  
*bus garage, food service's needs at Indiana Avenue*
  - Both departments' headquarters are outdated and in need of improvement*

# Option 1

- Priority Projects \$149,311,718
- Elementary \$144,055,802
- Middle \$159,385,678
- High \$68,239,685
- Other improvements \$31,494,000
- TOTAL \$552,486,883

# Option 2

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- Where are we growing?
- Where are we aging?

# Option 2/Elementary

- Ashley Academy \$25,225,200  
*replacement, add capacity & 2 pre-K rooms,  
enhance magnet program*
- Brunson Elementary \$25,225,200  
*replacement, add capacity & 2 pre-K rooms*
- Southwest Elementary \$25,225,200  
*replacement, add capacity & 2 pre-K rooms,  
opens space for a middle school*

# Option 2/Elementary

- New Zone 8 Elementary \$25,225,200  
*add capacity, relieve Zone 8 schools*
- Land for an eastern elementary \$1,500,000

# Option 2/Middle and High

- Paisley IB Magnet \$30,237,386  
*renovation, add capacity, enhance IB Programme*
- Philo-Hill Magnet \$24,834,600  
*renovation, addition, add capacity, second HAG site*
- New middle at Smith Farm \$26,989,200  
*add capacity, relieve southeastern Forsyth County, possibility of K-8 Newcomer Center on elementary and middle schools' campuses*
- New Robinhood or Southwest Middle \$26,989,200  
*add capacity, relieve Clemmons, Flat Rock, Meadowlark & Jefferson*
- High School: Included in Priority Projects

# Option 2

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- Priority Projects \$149,311,718
- Elementary \$102,400,800
- Middle \$82,061,186
- TOTAL \$333,773,704

# Option 3

- How can we build a model for early childhood education?
- How can we leverage community support in a way that helps children be proficient in reading by third grade?
- This option adds 22 pre-K classrooms, including a pre-K center.
  - ▣ Operational costs need to be considered.



# Option 3

<input type="checkbox"/> Ashley Academy <i>replacement, add capacity &amp; 2 pre-K rooms</i>	\$25,225,200
<input type="checkbox"/> Brunson Elementary <i>replacement, add capacity &amp; 2 pre-K rooms</i>	\$25,225,200
<input type="checkbox"/> Cook Elementary <i>renovation and repurpose</i> <input type="checkbox"/> <i>Prekindergarten site? Year-round or single-gender school?</i>	\$14,810,796
<input type="checkbox"/> Easton Elementary <i>addition, add capacity &amp; 2 pre-K rooms</i>	\$9,009,000
<input type="checkbox"/> Griffith Elementary <i>addition, renovate cafeteria &amp; gym, add capacity &amp; 2 pre-K rooms</i>	\$6,930,000

# Option 3

- Ward Elementary \$6,930,000  
*addition, add capacity & 2 pre-K rooms*
- Southwest Elementary \$25,225,200  
*replacement, add capacity & 2 pre-K rooms*
- New Innovation Corridor Elementary \$16,868,250  
*add capacity and 2 pre-K rooms*
- Pre-Kindergarten Center \$3,024,000  
*add 6 pre-K rooms*
- Land for an eastern elementary \$1,500,000

# Option 3

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- Priority Projects \$149,311,718
- Elementary \$134,747,646
- TOTAL \$284,059,364

# Option 4

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- How can we improve our middle school program?
- Where can we place programs and schools to address capacity and achievement needs in middle school?
  - Our largest percentage of students in mobile units is in middle school.

# Option 4

- Paisley IB Magnet \$30,237,386  
*renovation, add capacity, enhance IB Programme*
- Philo-Hill Magnet \$24,834,600  
*renovation, addition, add capacity & second HAG site*
- Wiley Magnet \$9,324,000  
*renovation, add capacity, new gym, enhance STEAM program*
- New middle at Smith Farm \$26,989,200  
*add capacity, relieve southeastern Forsyth County possibility of K-8 Newcomer Center on elementary and middle schools' campuses*

# Option 4

- New Walkertown Middle \$26,989,200  
*add capacity at Walkertown High*
- New Robinhood or Southwest Middle \$26,989,200  
*add capacity, relieve Clemmons, Flat Rock, Meadowlark & Jefferson*

# Option 4

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- Priority Projects \$149,311,718
- Middle \$118,374,386
- TOTAL \$267,686,104

# Summary

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- Option 1 (broad range)\$552,486,883
- Option 2 (capacity and age)\$333,773,704
- Option 3 (early childhood)\$284,059,364
- Option 4 (middle schools)\$267,686,104



# Public Feedback

- Presentation was shared with Forsyth County Commissioners at the beginning of the meeting.
  
- All families and staff are being emailed this information with links to the handouts and meeting.
  
- On the web:
  - [wsfcs.k12.nc.us/2016bond](http://wsfcs.k12.nc.us/2016bond)
  
- Feedback: [WSFCSInfo@wsfcs.k12.nc.us](mailto:WSFCSInfo@wsfcs.k12.nc.us)

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