

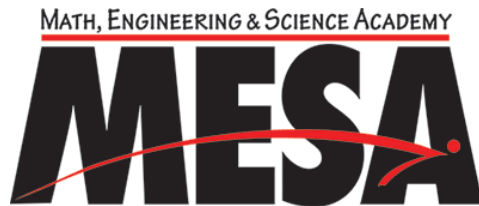
ACADEMY TRANSPORTATION

Special Board Meeting

November 8, 2017



CURRENT ACADEMIES



Math, Engineering & Science Academy (MESA)

Albemarle High School

Opened: 2009

Current Enrollment: 261



Health and Medical Sciences Academy (HMSA)

Monticello High School

Opened: 2012

Current Enrollment: 163



Environmental Studies Academy (ESA)

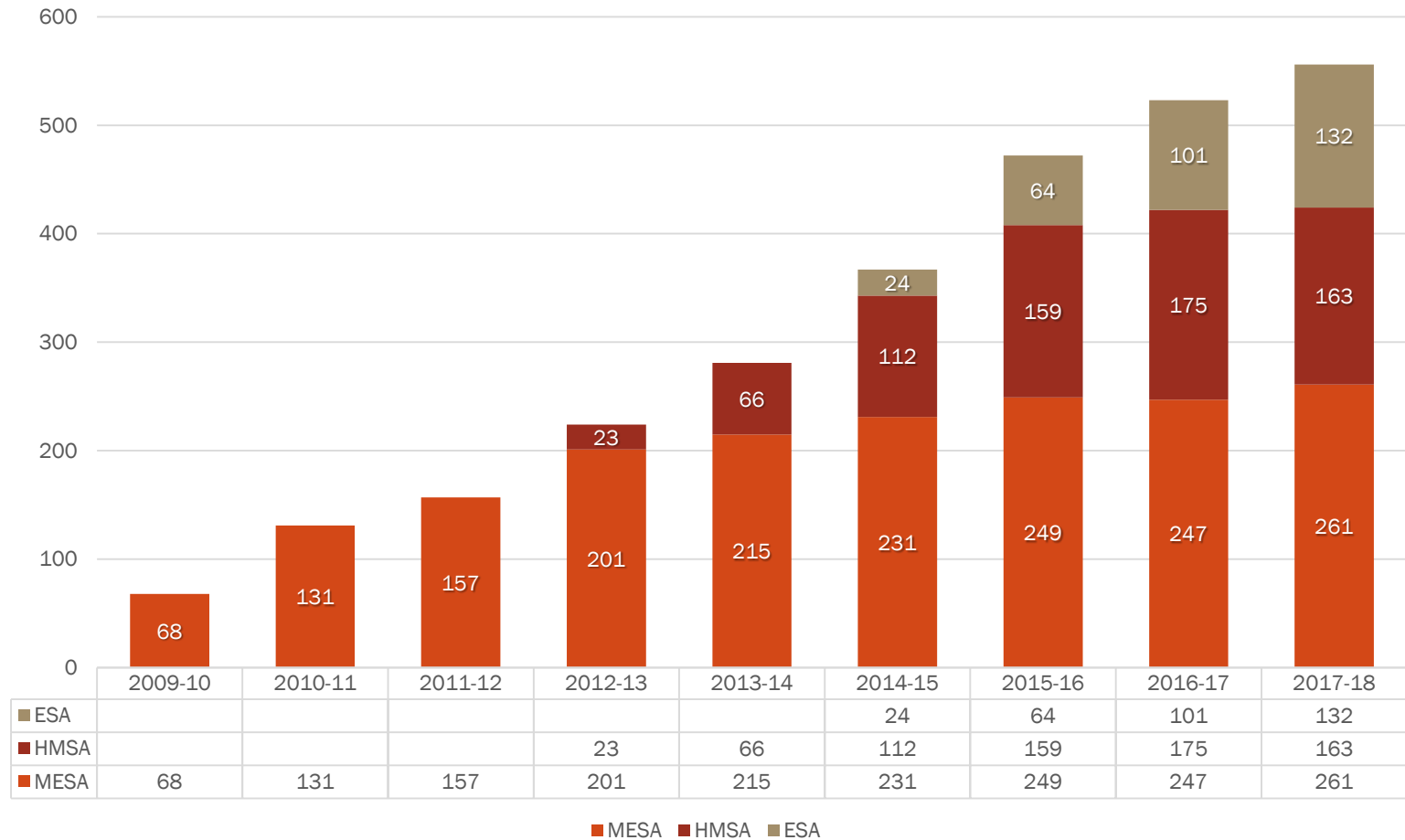
Western Albemarle High School

Opened: 2014

Current Enrollment: 132



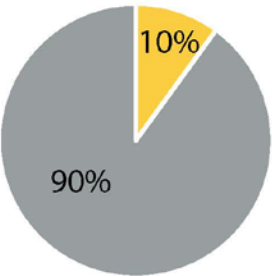
ACADEMY ENROLLMENT



Context

Academy Program Participation Rates*

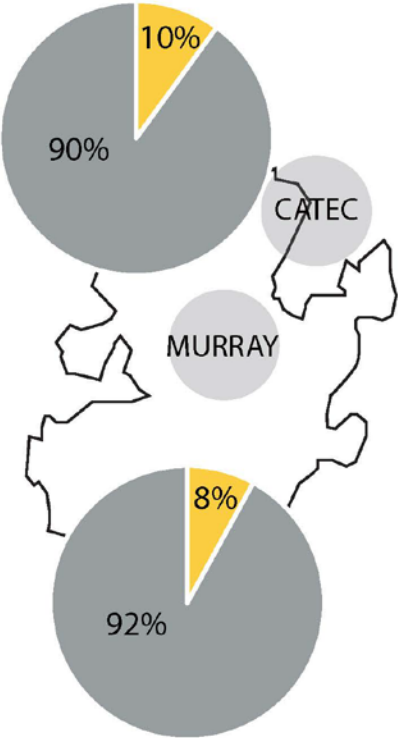
WESTERN
ALBEMARLE
Environmental Studies (ESA)



LEGEND
Academy Participation

* Program Participation Rates are calculated from student database information (2017/2018) and enrollment numbers for 2017/2018 School Year based on Albemarle County Public Schools Enrollment Projections FY 2018/2019 to FY 2027/2028.

ALBEMARLE
Math, Engineering, Science (MESA)



MONTICELLO
Health Medical Sciences (HMSA)



Context

Median Household Income | Academy Student Participation

LEGEND

ACADEMY PARTICIPATION - # STUDENTS (2017/2018)

- Concentration represents counts of students w/in a half-mile radius.
- Concentrations of less than 6 students are excluded.
- Data Sources: Albemarle CPS; Albemarle Co., VA; City of Charlottesville, VA; ESRI Cartographer: ZS, October 2017



MEDIAN HOUSEHOLD INCOME BY BLOCK GROUP (2017/2018)

- In the past 12 months
- Data Sources: Albemarle CPS; Albemarle Co., VA; City of Charlottesville, VA; U.S. Census Bureau, 2015 American Community Survey; ESRI Cartographer: ZS, October 2017

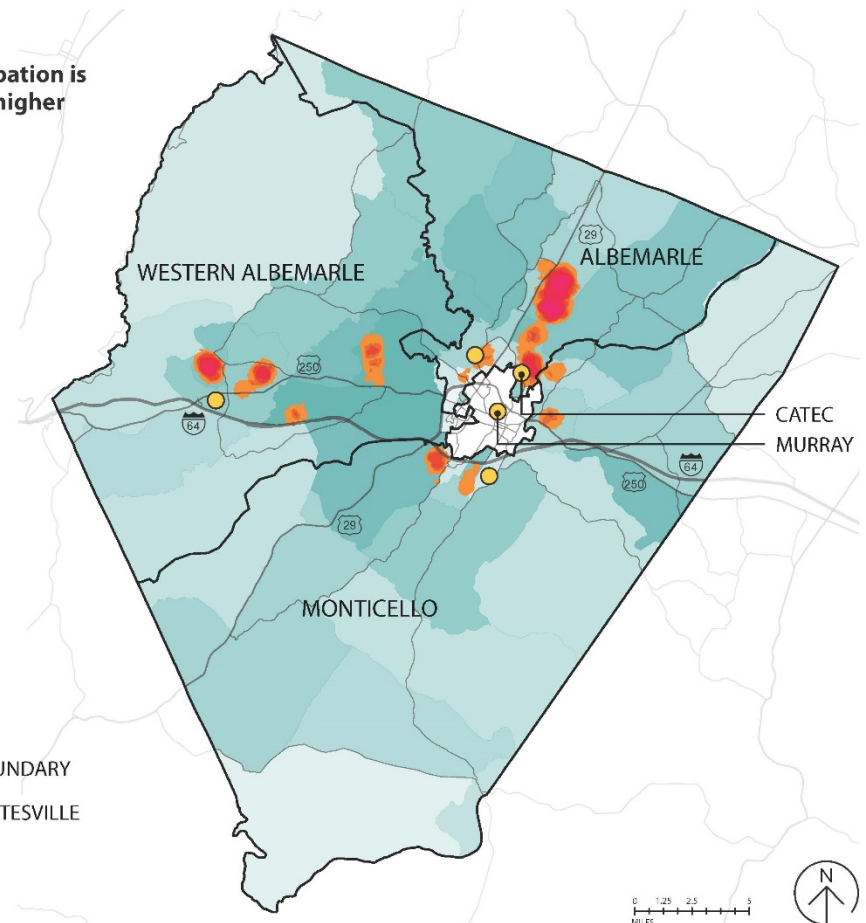


ALBEMARLE COUNTY

Academy student participation is concentrated in areas of higher household income.

LEGEND

- HIGH SCHOOL
- ATTENDANCE BOUNDARY
- CITY OF CHARLOTTESVILLE
- ROADS



ACADEMY ENROLLMENT BY DISTRICT

Academy	Total Enrollment	Albemarle District	Western District	Monticello District	Home District %
MESA	261	203	36	22	78%
ESA	132	6	120	6	91%
HMSA	163	27	16	120	74%



STUDENT SURVEY

- “If you are provided free transportation next year to an academy, center, or charter school of your choice, which would be your top choice? You may choose any one, including the one at the high school you are designated to attend.”
- 382 Responses from 8th Graders on November 8, 2017.



STUDENT SURVEY (CONT.)

Middle School	MESA	HMSA	ESA
Burley to AHS	3	3	3
Burley to MoHS	8	3	0
CPCS	0	0	0
Henley	14	12	17
Jouett	18	6	5
Sutherland	60	20	6
Walton	11	12	6

Out of District

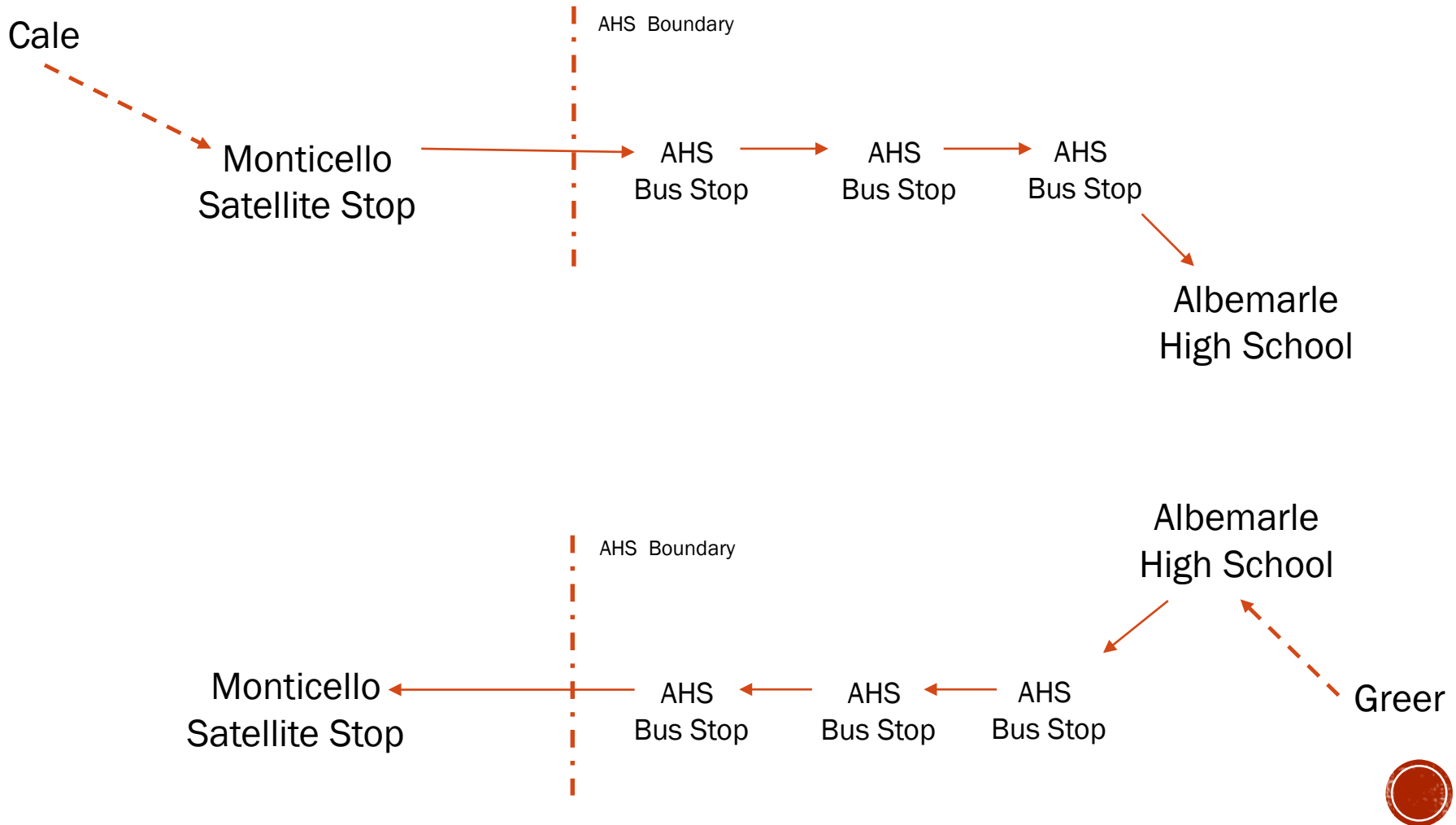


TRANSPORTATION OPTION

- Utilize nearby elementary school busses after their run and provide satellite stops at Henley, Albemarle and Monticello.
- Parents would drop off and pick up at satellite stop.
- Ride time would be 1 hour max.
- Buses would pick up non-academy students near academy on way to school in AM
- A different bus would drop off non-academy students near academy school in PM then return to satellite stop
- Requires three additional buses



EXAMPLE



COSTS

- Recurring Operational Costs: \$190,000
 - Costs for labor, fuel maintenance, etc. for extra loaded miles and extra deadhead miles.
- One-Time Capital Costs: \$300,000 (purchase three busses)



QUESTIONS?

