

**ACALETICS® - Partnerships**

# **GAP ANALYSIS**

## **White vs. Black**



**2015 to 2018**

**FSA Math Achievement**



Math. Trust. Results.

## About ACALETICS®

Founded in 1985, ACALETICS is a system of evidence-based and results-based supplemental products and services. The program is designed to enhance classroom instruction and boost student performance and achievement. The ACALETICS® model is based on the idea that, like athletics, success in academics requires a structured game plan for preparation, conditioning, analysis, and redress.

ACALETICS® has helped over 600 schools and more than 1 million students dramatically improve classroom instruction and learning, test scores, and student competence and confidence by providing invaluable resources and direct support to teachers and school administrators.

ACALETICS® was recognized by the Florida Department of Education and the Council for Educational Change (CEC), established by the Florida Annenberg Challenge, as a Best Practice in Mathematics at the 8th Florida Leadership Academy held at the University of South Florida in Tampa.

### ACALETICS® 4-Pronged Approach

#### Content-focused

- Materials are strategically designed to help teachers focus on what matters most – developing conceptual understanding, procedural skills and fluency, and application with equal intensity.

#### Data-driven Instructional Model

- This model is designed to supplement instructional time by incorporating opportunities for extended exposure to concepts and skills as well as multi-strand exposure to concepts and skills within the designated class period. This is achieved through the highly-successful **Math Club<sup>SM</sup>**. Key to the success of **Math Club<sup>SM</sup>** is the creation of an emotionally-safe environment where intellectual risk-taking is cultivated.

#### Ongoing Assessment and Accountability

- ACALETICS® provides a comprehensive system of assessment and progress-monitoring tools to help schools set their goals and make decisions about how to reach them. With the support of an ACALETICS® consultant, the assessment data is analyzed and organized to enable teachers to align their instruction to more effectively meet the needs of the students.

#### Professional Development

- Professional development is a key component of the ACALETICS® system. Activities include data analysis, workshops and in-class demonstrations to model effective instructional techniques and strategies.

The evidence of successful partnerships between ACALETICS and schools is clear and compelling. We are confident our unique combination of content-focused materials that are fully-aligned with the more rigorous state standards, data-driven instructional best practices, a system of assessment and accountability and ongoing formal and informal professional development and support, will allow us to continue to help facilitate teacher planning and instruction and improve student performance in math.

## Executive Summary

- ***Pinewood Elementary*** increased its Black subgroup Percent Scoring At/Above Satisfactory by **+30** percentage points from 2016 to 2018. (***See Page 3***)
- ***Tillman Elementary*** increased its Black subgroup Percent Scoring At/Above Satisfactory by **+40** percentage points from 2015 to 2016. (***See Page 4***)
- ***Alpha International Academy*** increased its Black subgroup Percent Scoring At/Above Satisfactory by **+45** percentage points from 2016 to 2018. (***See Page 5***)
- ***Sunland Park Academy*** increased its Black subgroup Percent Scoring At/Above Satisfactory by **+31** percentage points from 2015 to 2018. (***See Page 6***)
- ***Dr. Martin Luther King Elementary*** increased its Black subgroup Percent Scoring At/Above Satisfactory by **+23** percentage points from 2017 to 2018. (***See Page 7***)
- ***Deerfield Park Elementary*** increased its Black subgroup Scoring At/Above Satisfactory by **+24** percentage points from 2016 to 2018. (***See Page 8***)
- ***North Elementary*** increased its Black subgroup Percent Scoring At/Above Satisfactory by **+26** percentage points from 2016 to 2018. (***See Page 9***)
- ***Havana Magnet School*** increased its Black subgroup Percent Scoring At/Above Satisfactory by **+20** percentage points from 2015 to 2018. (***See Page 10***)

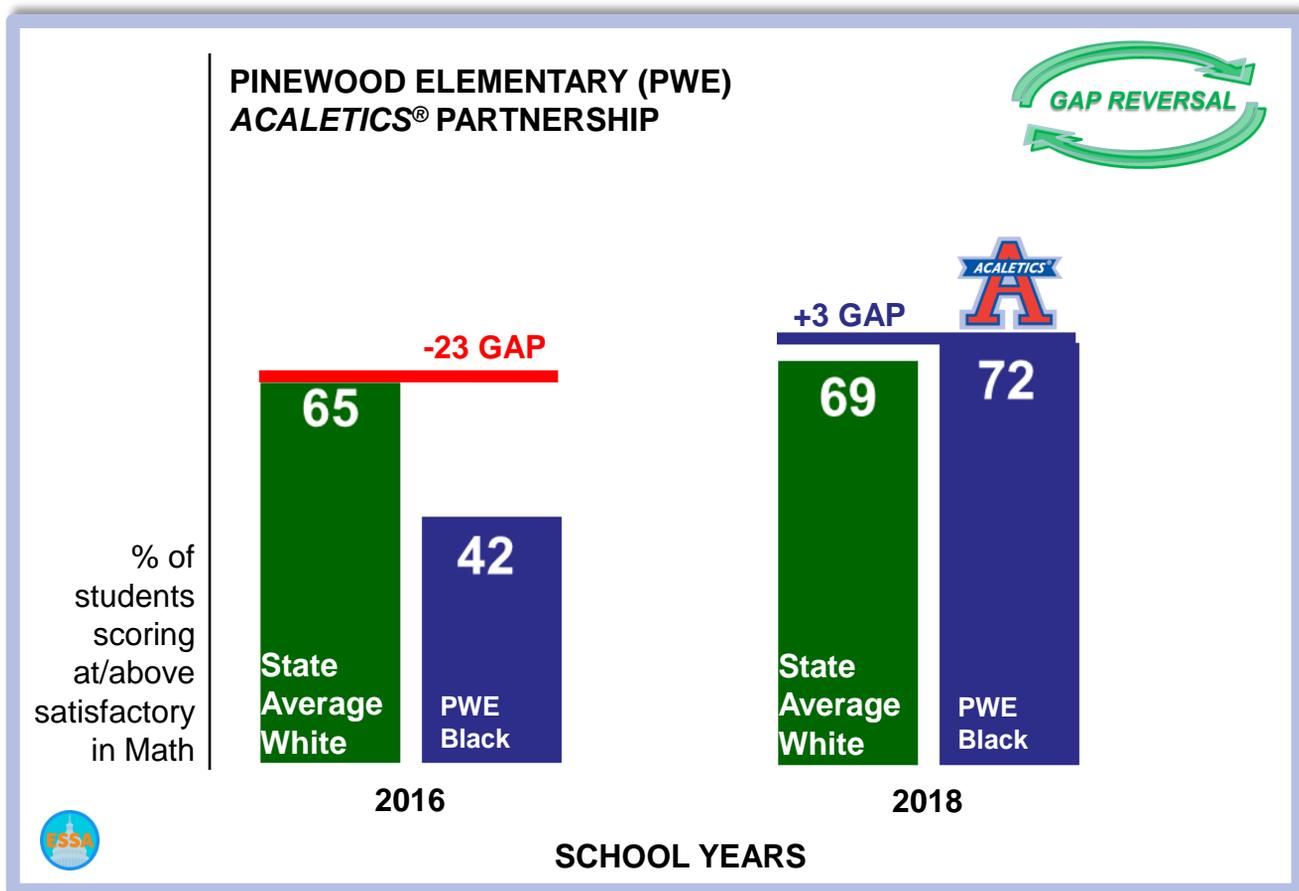
## Subgroup Achievement Gap Analysis - Math

**PINEWOOD** ELEMENTARY – Broward County

### 2016 to 2018 Math Achievement Gap

State Average (White) vs.

Pinewood (Black)



Data Source:  FLORIDA DEPARTMENT OF EDUCATION  
fldoe.org

#### Pinewood Elementary School (PWE):

- PWE has increased its Black subgroup Percent Scoring At/Above Satisfactory by **+30** percentage points from 2016 to 2018!
- In 2016, PWE's Black subgroup was below (-23 percentage points) the State White Subgroup in Percent of Students Scoring At/Above Satisfactory in Math. As a result of our partnership, PWE **exceeded** the **achievement** of the State White subgroup by **+3** percentage points ("**A GAP Reversal**") in 2018!

## Subgroup Achievement Gap Analysis - Math

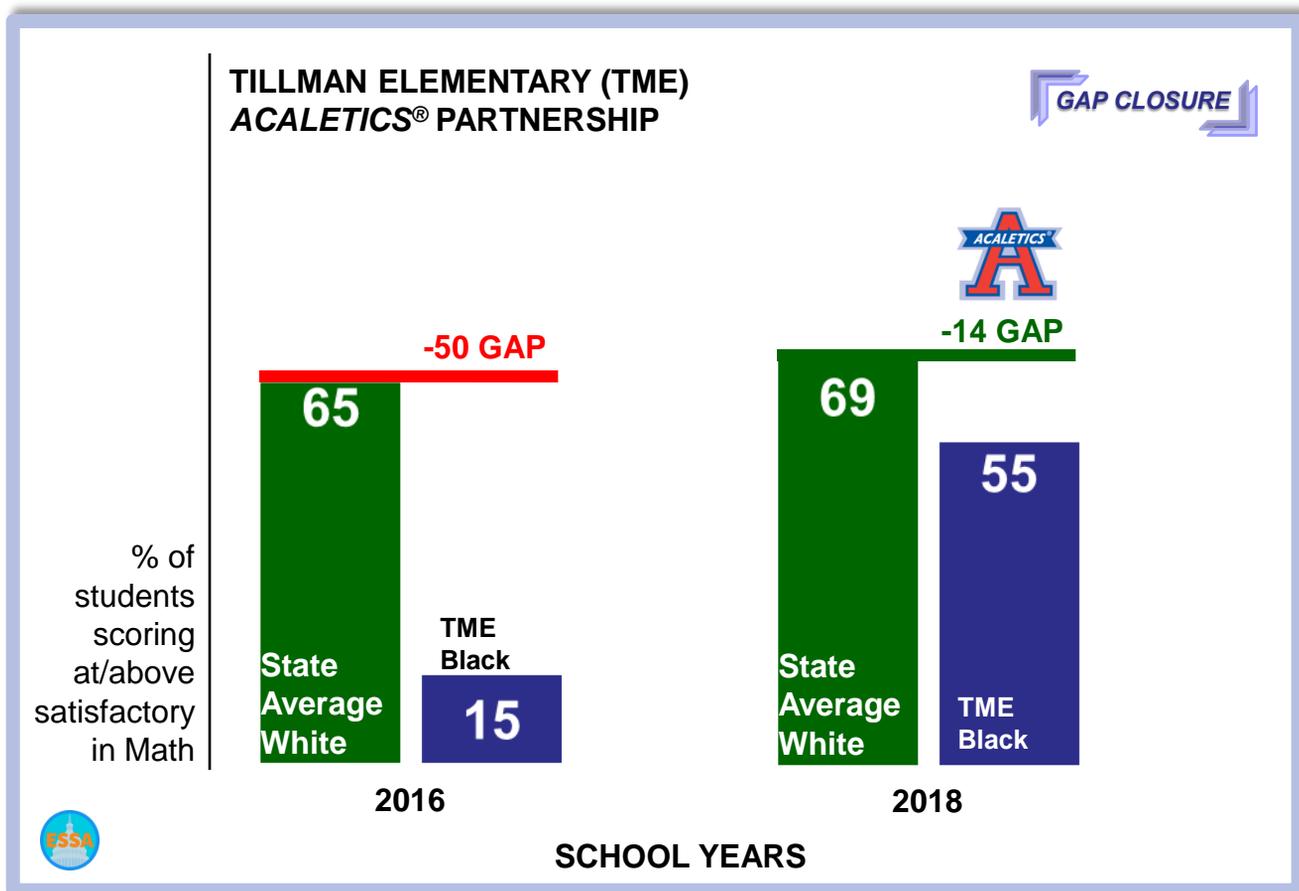
**TILLMAN**

**ELEMENTARY – Manatee County**

### 2016 to 2018 Math Achievement Gap

State Average (White) vs.

Tillman (Black)



Data Source:  FLORIDA DEPARTMENT OF EDUCATION  
fldoe.org

#### Tillman Elementary School (TME):

- TME has increased its Black subgroup Percent Scoring At/Above Satisfactory by **+40** percentage points from 2016 to 2018!
- In 2016, TME's Black subgroup was below (-50 percentage points) the State White Subgroup in Percent of Students Scoring At/Above Satisfactory in Math. As a result of our partnership, TME **reduced** the **achievement gap** by **+36** percentage points in 2018!

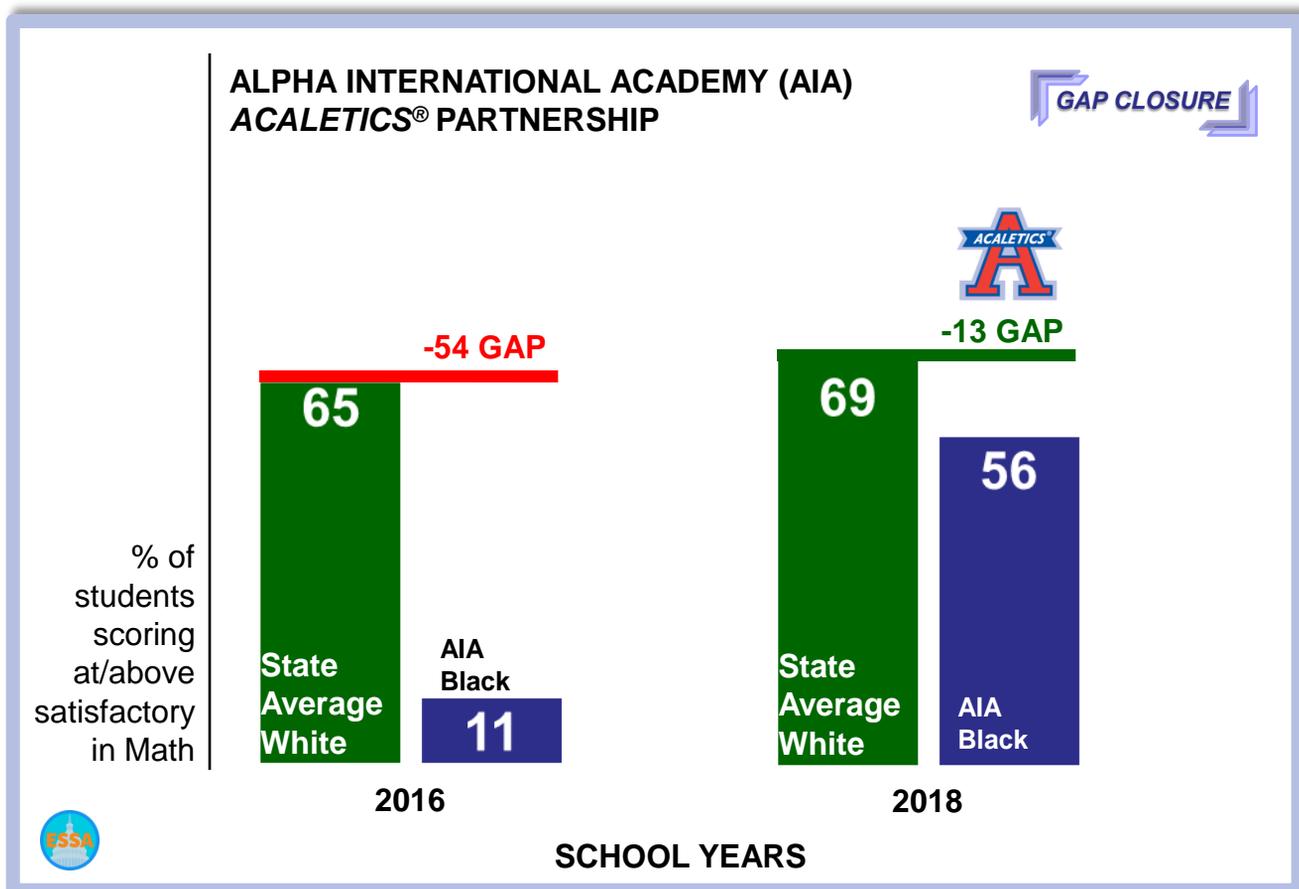
## Subgroup Achievement Gap Analysis - Math

**ALPHA INTERNATIONAL ACADEMY – Broward County**

### 2016 to 2018 Math Achievement Gap

State Average (White) vs.

Alpha (Black)



Data Source: FLORIDA DEPARTMENT OF EDUCATION  
fldoe.org

#### Alpha International Academy (AIA):

- AIA has increased its Black subgroup Percent Scoring At/Above Satisfactory by **+45** percentage points from 2016 to 2018!
- In 2016, AIA's Black subgroup was below (-54 percentage points) the State White Subgroup in Percent of Students Scoring At/Above Satisfactory in Math. As a result of our partnership, AIA **reduced** the **achievement gap** of the State White subgroup by **+41** percentage points in 2018!

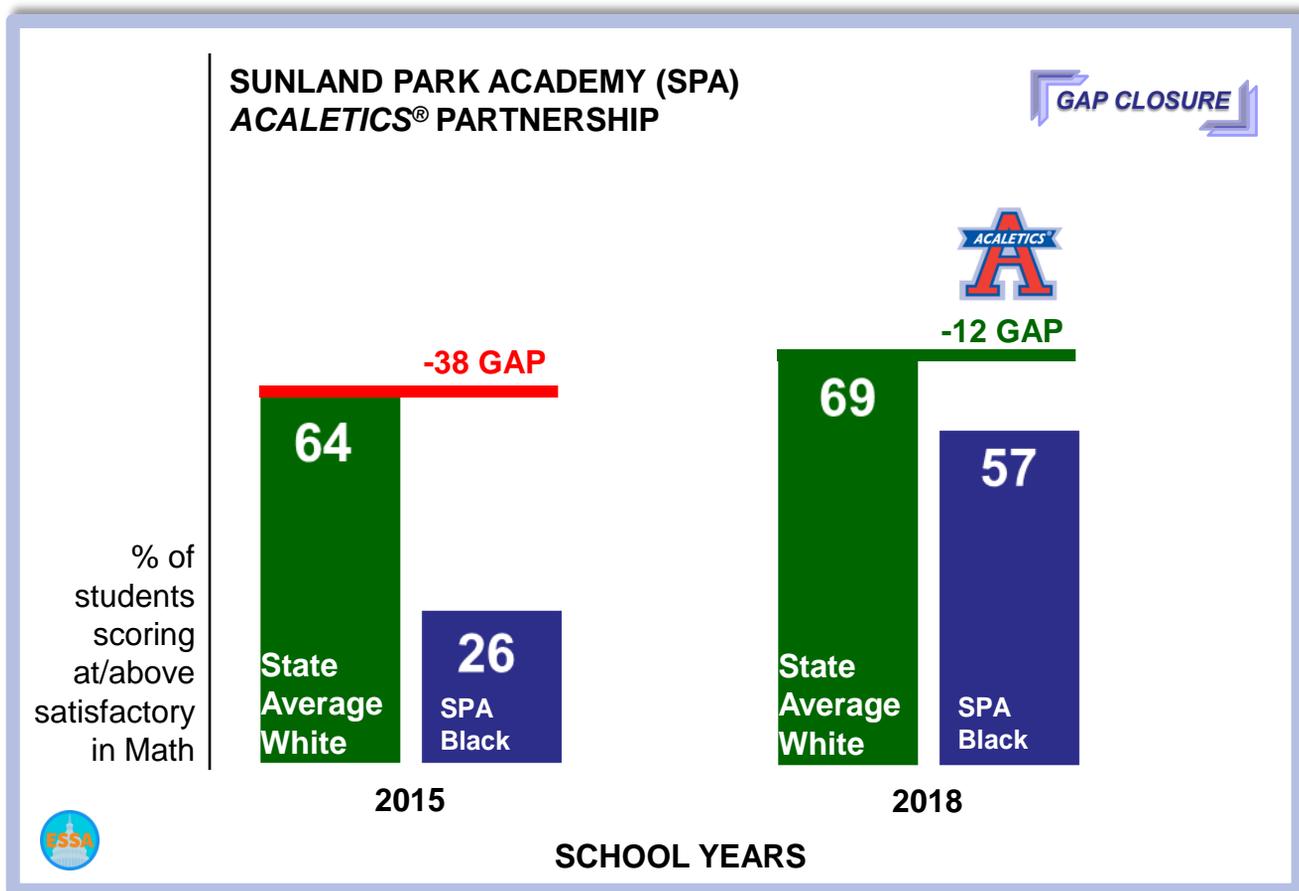
## Subgroup Achievement Gap Analysis - Math

**SUNLAND PARK** ACADEMY – Broward County

### 2015 to 2018 Math Achievement Gap

State Average (White) vs.

Sunland (Black)



Data Source:  FLORIDA DEPARTMENT OF EDUCATION  
fldoe.org

#### Sunland Park Academy (SPA):

- SPA has increased its Black subgroup Percent Scoring At/Above Satisfactory by **+31** percentage points from 2015 to 2018!
- In 2015, SPA's Black subgroup was below (-38 percentage points) the State White Subgroup in Percent of Students Scoring At/Above Satisfactory in Math. As a result of our partnership, SPA **reduced** the **achievement gap** by **+26** percentage points in 2018!

## Subgroup Achievement Gap Analysis - Math

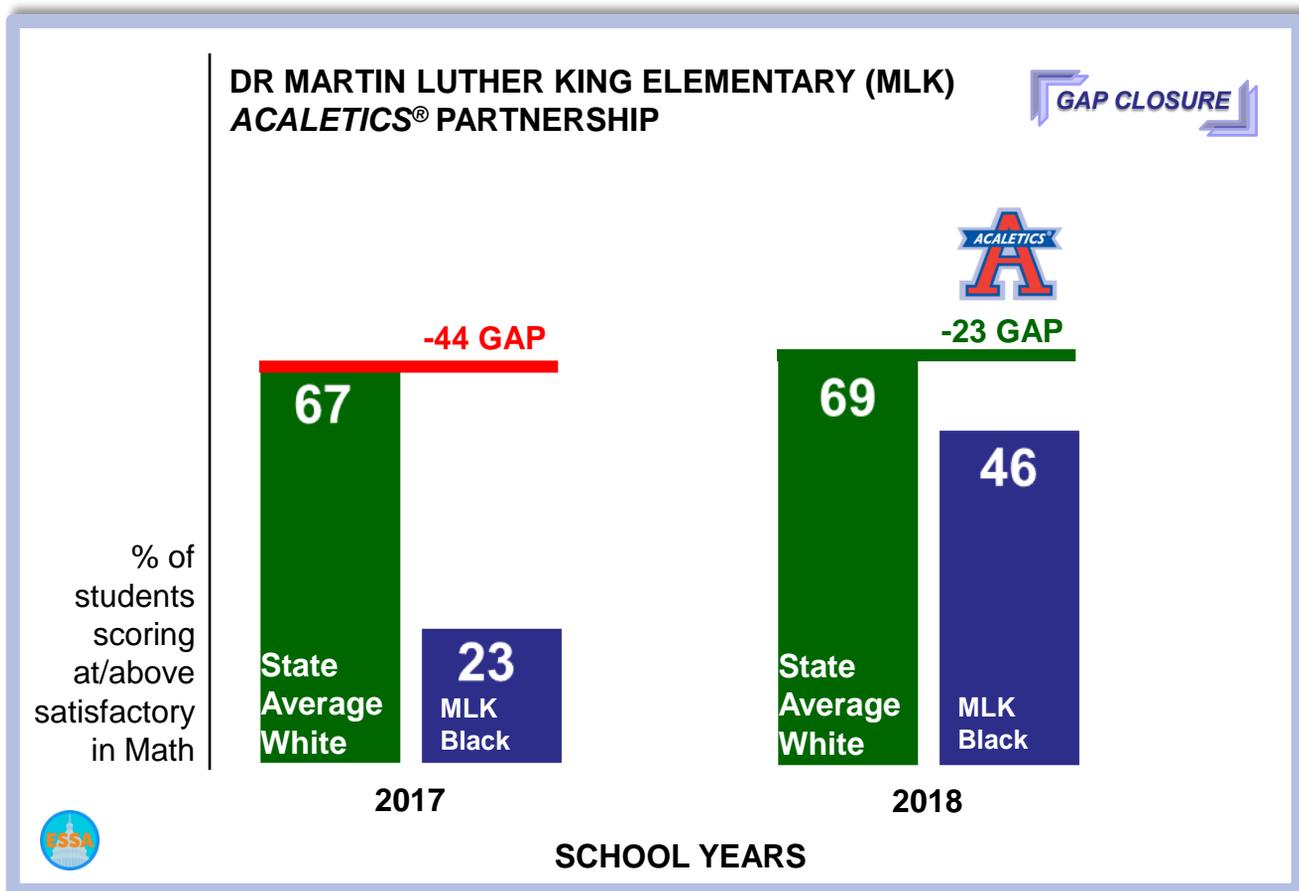
DR. MARTIN LUTHER KING

ELEMENTARY – Broward County

### 2017 to 2018 Math Achievement Gap

State Average (White) vs.

MLK (Black)



#### Dr. Martin Luther King Elementary (MLK):

- MLK has increased its Black subgroup Percent Scoring At/Above Satisfactory by **+23** percentage points from 2017 to 2018!
- In 2017, MLK's Black subgroup was below (-44 percentage points) the State White Subgroup in Percent of Students Scoring At/Above Satisfactory in Math. As a result of our partnership, MLK **reduced** the **achievement gap** by **+21** percentage points in 2016!

## Subgroup Achievement Gap Analysis - Math

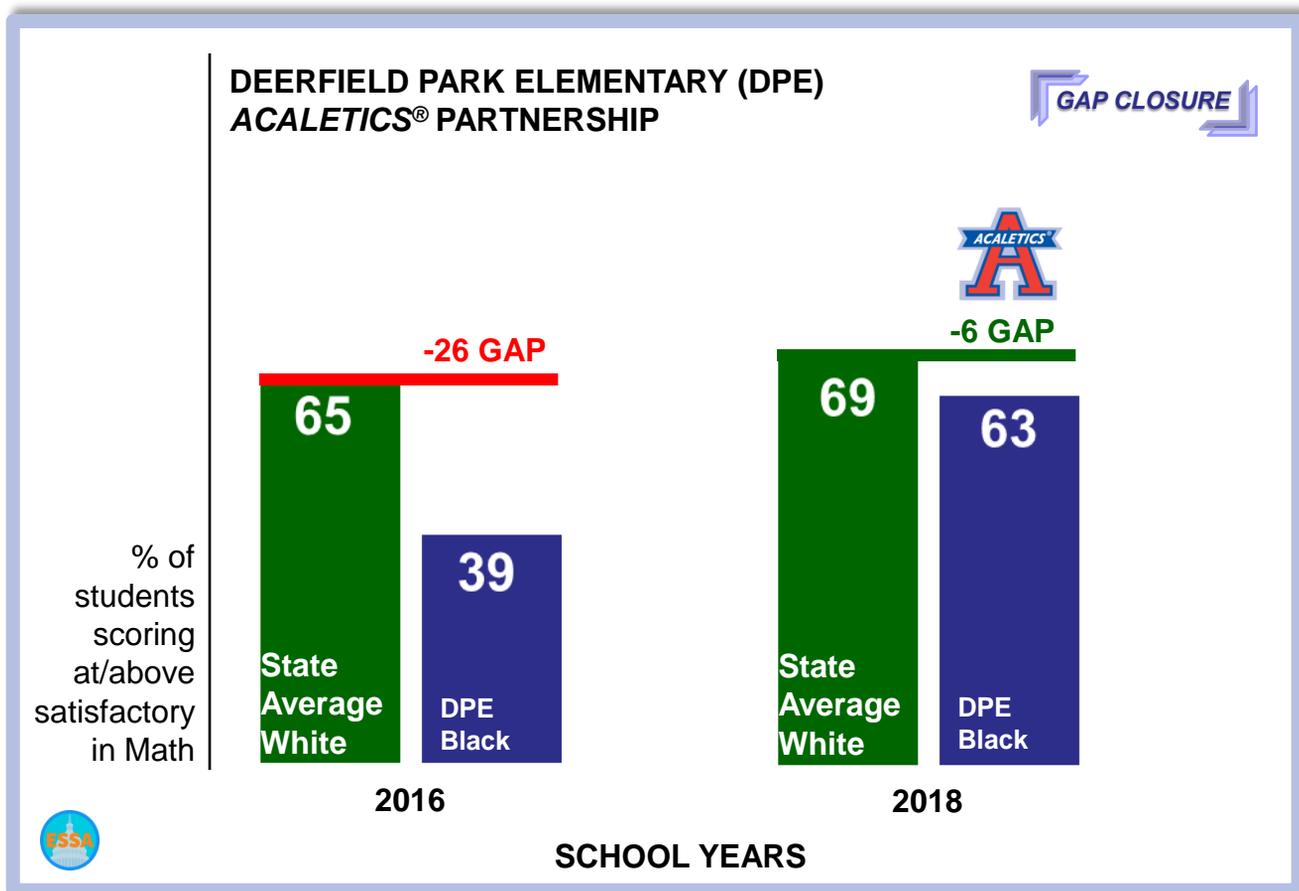
DEERFIELD PARK

ELEMENTARY – Broward County

### 2016 to 2018 Math Achievement Gap

State Average (White) vs.

Deerfield Park (Black)



Data Source:  FLORIDA DEPARTMENT OF EDUCATION  
fldoe.org

#### Deerfield Park Elementary School (DPE):

- DPE has increased its Black subgroup Percent Scoring At/Above Satisfactory by **+24** percentage points from 2016 to 2018!
- In 2016, DPE's Black subgroup was below (-26 percentage points) the State White Subgroup in Percent of Students Scoring At/Above Satisfactory in Math. As a result of our partnership, DPE **reduced** the **achievement gap** by **+20** percentage points in 2018!

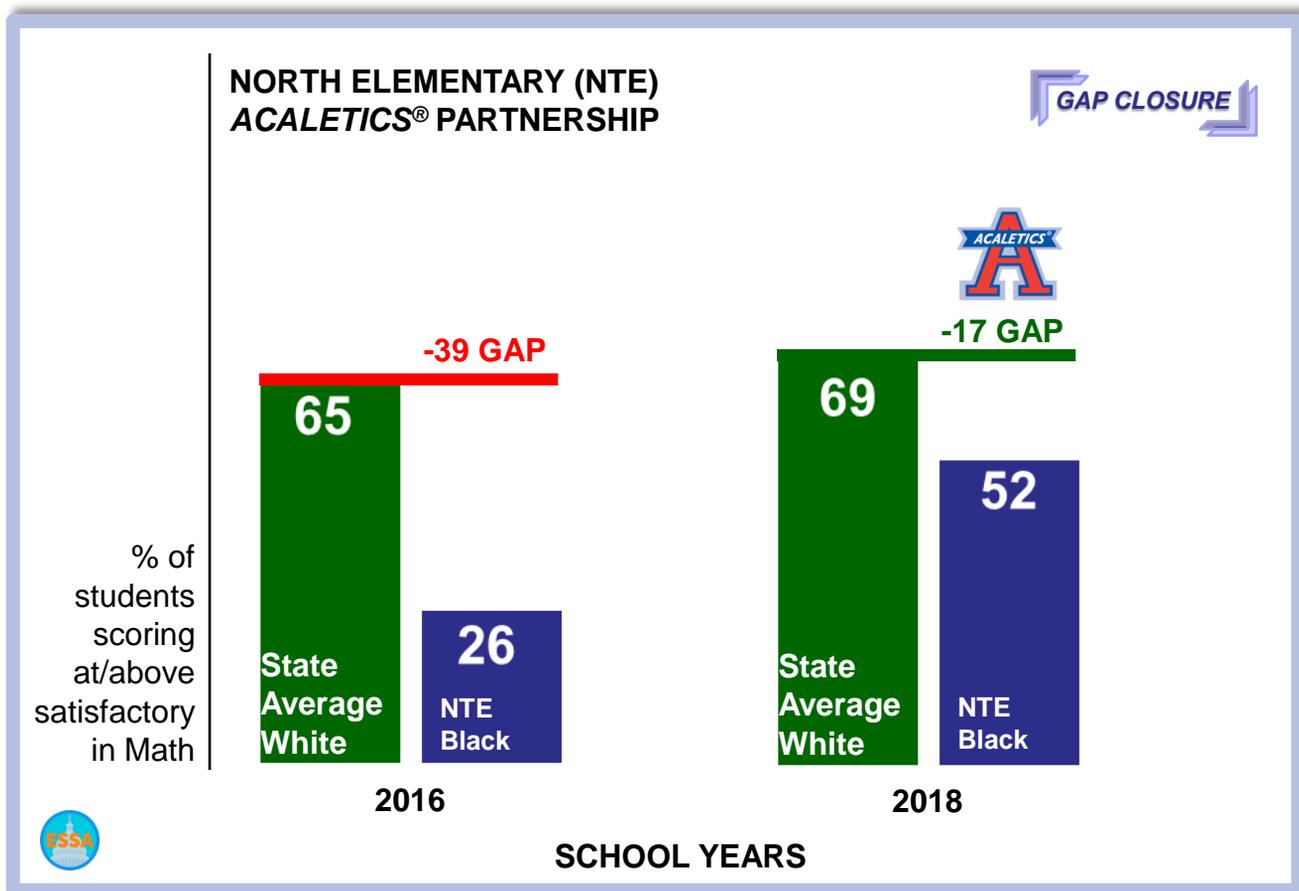
## Subgroup Achievement Gap Analysis - Math

**NORTH** ELEMENTARY — Okeechobee County

### 2016 to 2018 Math Achievement Gap

State Average (White) vs.

North (Black)



Data Source:  FLORIDA DEPARTMENT OF EDUCATION  
fldoe.org

#### North Elementary (NTE):

- NTE has increased its Black subgroup Percent Scoring At/Above Satisfactory by **+26** percentage points from 2016 to 2018!
- In 2016, NTE's Black subgroup was below (-39 percentage points) the State White Subgroup in Percent of Students Scoring At/Above Satisfactory in Math. As a result of our partnership, NTE **reduced** the **achievement gap** by **+22** percentage points in 2018!

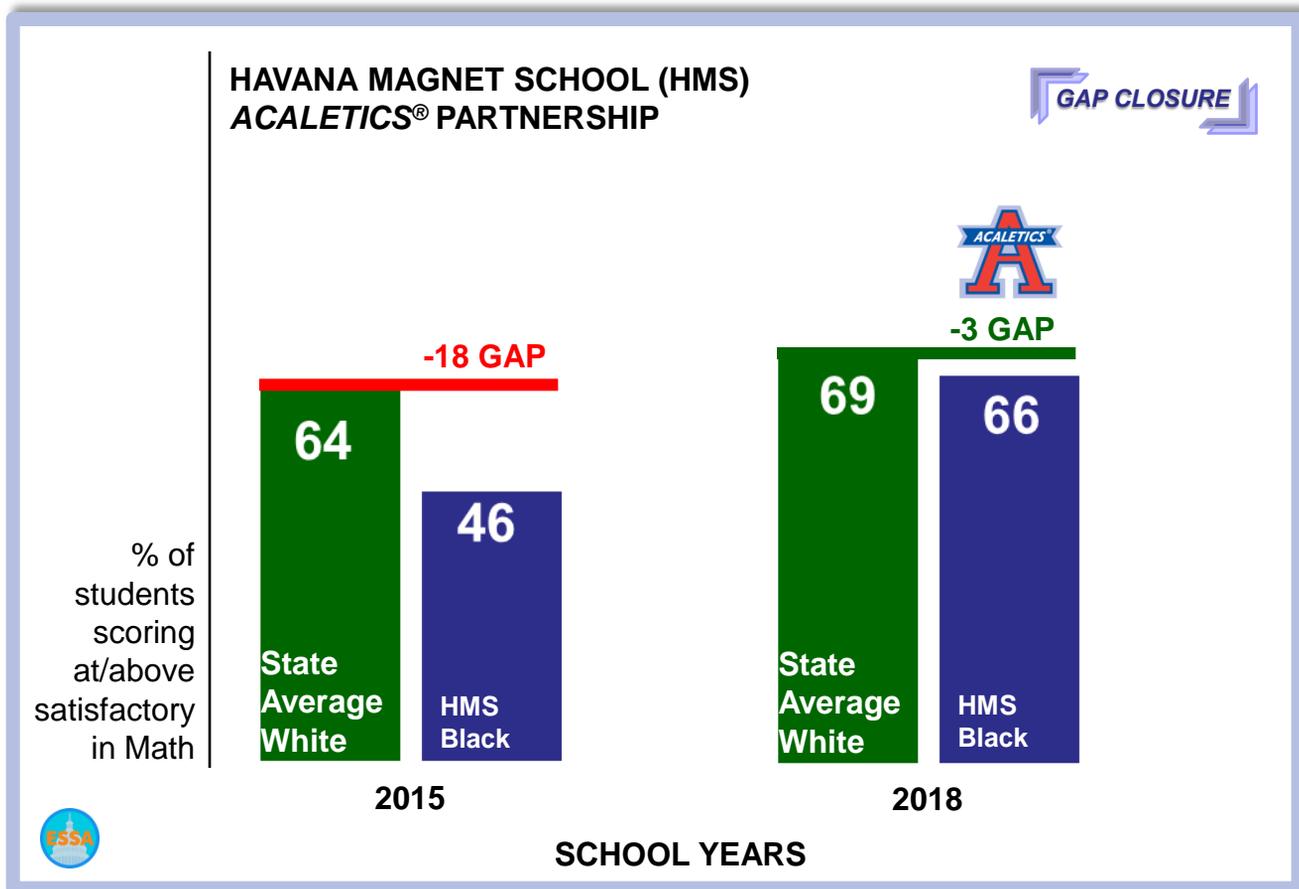
## Subgroup Achievement Gap Analysis - Math

**HAVANA** MAGNET SCHOOL – Gadsden County

### 2015 to 2018 Math Achievement Gap

State Average (White) vs.

Havana (Black)



Data Source:  FLORIDA DEPARTMENT OF EDUCATION  
fldoe.org

#### Havana Magnet School (HMS):

- HMS has increased its Black subgroup Percent Scoring At/Above Satisfactory by **+20** percentage points from 2015 to 2018!
- In 2015, HMS's Black subgroup was below (-18 percentage points) the State White Subgroup in Percent of Students Scoring At/Above Satisfactory in Math. As a result of our partnership, HMS **reduced** the **achievement gap** by **+15** percentage points in 2018!

# VALUE PROPOSITION

Unlike other educational firms, **ACALETICS®** provides our clients an **extremely high Return On Investment (ROI)**, typically within one school-year, as indicated in the following excerpt from the Miami Herald.

“As school systems nationwide sign multi-million dollar contracts with universities and educational companies to save their struggling schools, Educational Development Associates signs individual schools at a fraction of the cost and often produces immediate results using its innovative program ACALETICS.

- Miami Herald ”

## WE MEASURE ROI IN TERMS OF DRAMATIC RESULTS IN MATH, AS FOLLOWS:

- 1 Achievement (% of students scoring at/or above grade level)
- 2 Annual Learning Gains/Growth
- 3 Subgroup Achievement Gap Closure/Elimination/Reversal

### PROFESSIONAL DEVELOPMENT

The Special Venue:  
In the CLASSROOM with real students, ***your students!***

### DIFFERENTIATED CONSULTATION (DC)

One size ***does not*** fit all.

### STANDARDS-ALIGNED SUPPLEMENTAL MATERIALS

Our effective “process” is embedded in our materials!

We ***reinforce*** our Supplemental Materials/Support Tools with our customized Online Math Portal.

### PARENT & STUDENT ENGAGEMENT SERVICES

Customized Online Math Portal

Well-received Parent Workshops:  
“Math Club<sup>SM</sup> for Parents”

Incentive Packages for Students

