

Educational Development Associates, Inc.

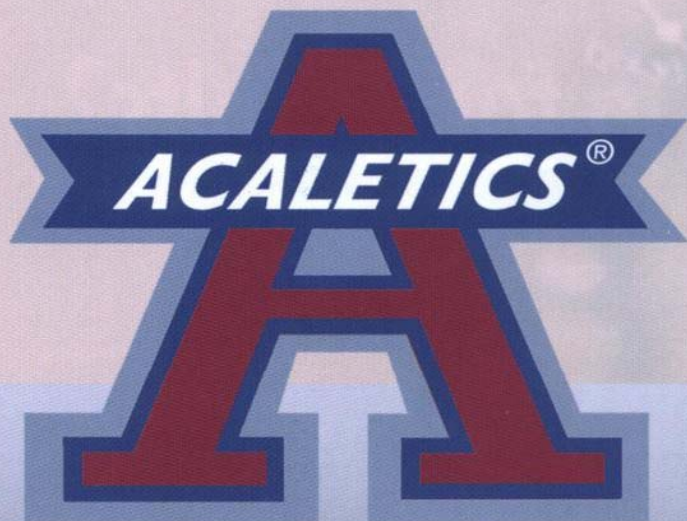
Presents:

Subgroup Achievement Gap Analysis

(SAGA)

Mathematics Report





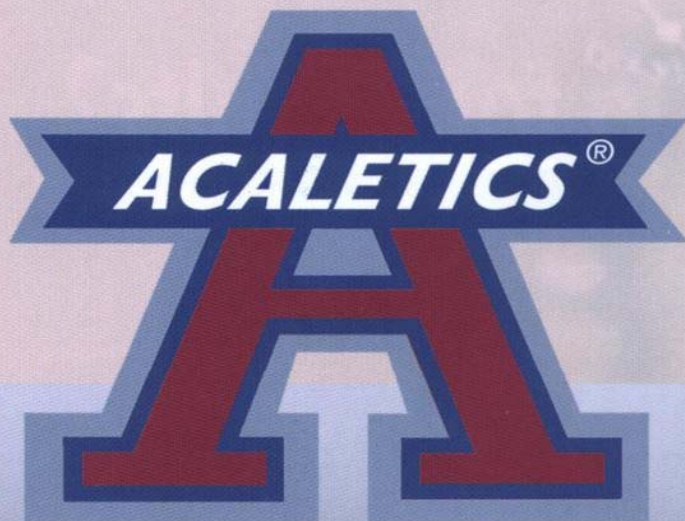
Math. Trust. Results.

“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®.”

- The Miami Herald

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Math. Trust. Results.

EDA was founded in 1985 as a learning center specializing in math, reading and test preparation. EDA offers several research-based, results-based supplemental products and services to schools throughout the country to boost student performance and achievement. Through its innovative ACALETICS® Math program, EDA has helped more than 250,000 students improve test scores dramatically by providing invaluable resources and direct support to schools. In 2006, two of Florida's Top 10 Schools Making Progress (out of 2800 schools) partnered with EDA. Additionally, one of our High-Poverty Schools is among Florida's 2006 Top 10 High-Performing Schools.

EDA's incredible success has been achieved through its unique ACALETICS® method of math instruction. This innovative philosophy uses the association theory of learning. The ACALETICS® method teaches students that the preparation required to be a good athlete is also required to be a good student – practice, practice, practice!

**Educational Development Associates, Inc.
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ACALETICS® National Model

**Twin Lakes
Elementary School
1998-2007**

Miami-Dade County (Regional Center 1)



Executive Summary

ACALETICS® National Model



Twin Lakes Elementary School (TLE): 1998 - 2007

Percent of Students Scoring At/Above Proficiency in Math

- In 1998, TLE had **15%** of Students Scoring At/Above Proficiency in Math. Since the 8-year **ACALETICS®** partnership, they have increased **+81** (more than 5-fold) its Percent of Students Scoring At/Above Proficiency to **96%** in 2007! (Refer to page 8).
- Since 2000, TLE significantly outperformed the State in the Percent of Students Scoring At/Above Proficiency in Math. (Refer to page 9).

Florida's A+ Plan School Recognition Award

- During the **ACALETICS®** partnership, TLE has realized outstanding **ROI** (Return On Investment). From 2001-2007, TLE received over **\$480,000.00** from Florida's A+ Plan School Recognition Award Program. (Refer to page 10).
- TLE has increased 2 letter grades since 2000 to an "A" which has been maintained for the past **7** years! (Refer to page 10).

AYP - Math Subgroup Achievement Gap Analysis vs. State Averages

- Students with Disabilities (SWD) vs. State (SWD). (Refer to page 11).
- English Language Learners (ELL) vs. State (ELL). (Refer to page 12).
- Hispanic vs. State (Hispanic). (Refer to page 13).
- Hispanic vs. State (White). (Refer to page 14).

2007 Percent Lowest 25% Making Learning Gains in Math – (L25%)

- In 2007, TLEs Percent of Students in the Lowest 25% Making Gains in Math was **+25** percentage points above the State average! (Refer to page 15).

2007 Math Composite

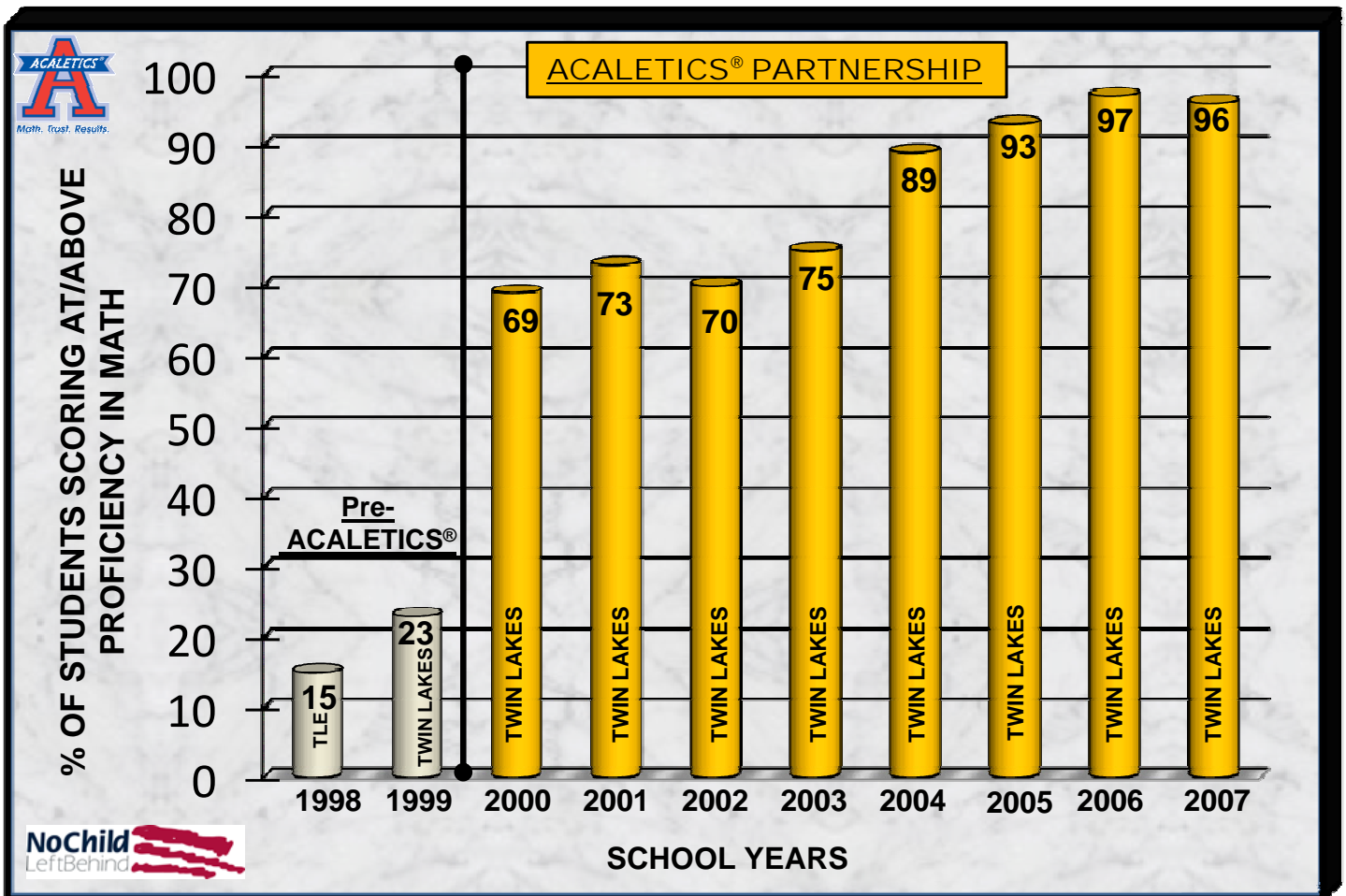
- In 2007, TLEs **Math Composite** = Sum of (% of Students At/Above Proficiency) + (% Making Learning Gains) + (% Lowest 25% Making Learning Gains) was **+58** percentage points above the State average! (Refer to page 16).



TWIN LAKES ELEMENTARY SCHOOL

1998 - 2007 Florida's A+ Plan Results in Math

Percent of Students At/Above Proficiency in Math



Twin Lakes Elementary School (TLE):

Data Source: *Florida Department of*
EDUCATION

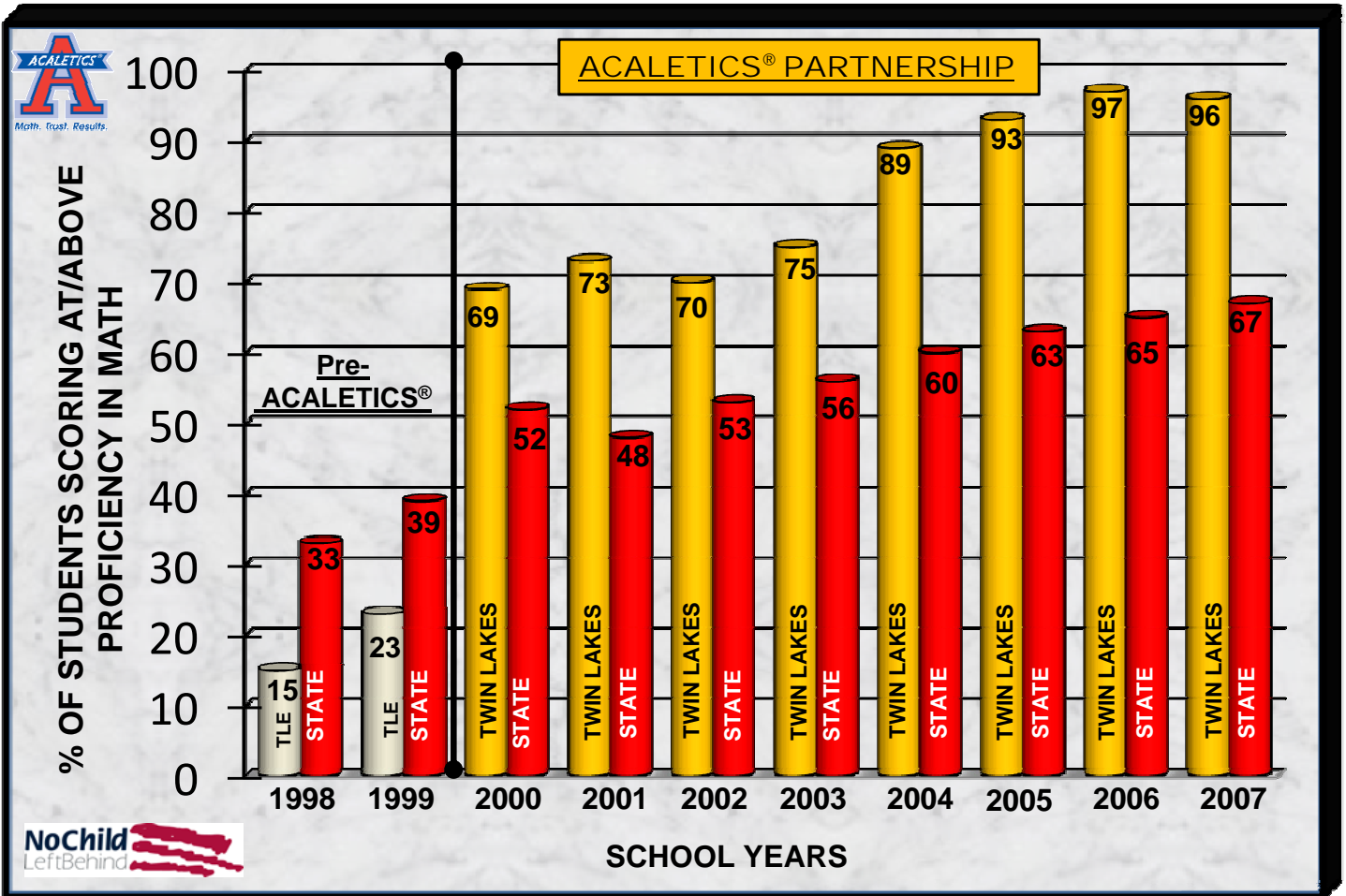
- In 1998, TLE had **15%** of Students Scoring At/Above Proficiency in Math. Since the 8-year **ACALETICS®** partnership, they have increased **+81** (more than 5-fold) its Percent of Students Scoring At/Above Proficiency to **96%** in 2007!



TWIN LAKES ELEMENTARY SCHOOL

1998 - 2007 Florida's A+ Plan Results in Math

Percent of Students At/Above Proficiency in Math vs. **State Average**



Twin Lakes Elementary School (TLE):

Data Source: Florida Department of EDUCATION

- In 1998, TLE was -18 percentage points below the State average in Students Scoring At/Above Proficiency in Math. Since the 8-year **ACALETICS®** partnership, TLE has increased the gap above the State to +29 percentage points in 2007!



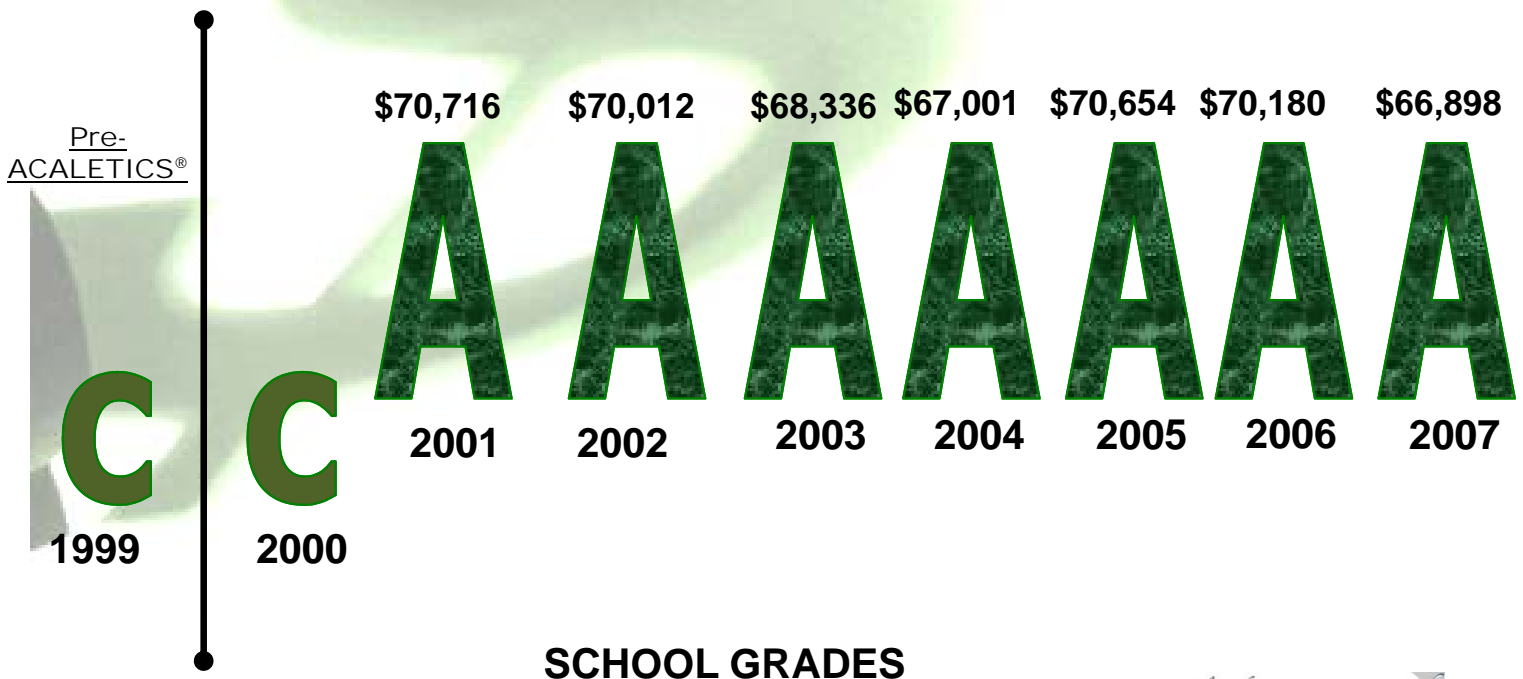
TWIN LAKES ELEMENTARY SCHOOL

Florida's A+ Plan School Recognition Award From 1999-2007



Total: \$483,797

ACALETICS® PARTNERSHIP



Data Source: Florida Department of EDUCATION

Twin Lakes Elementary School (TLE):

- Outstanding Return on Investment (ROI): Recipient of State School Recognition Award (\$100/student) since 2001 totaling **(\$483,797)**!
- TLE has increased 2 letter grades since 2000 to an "A" which has been maintained for the past 7 years!



Subgroup Gap Analysis - Math

TWIN LAKES

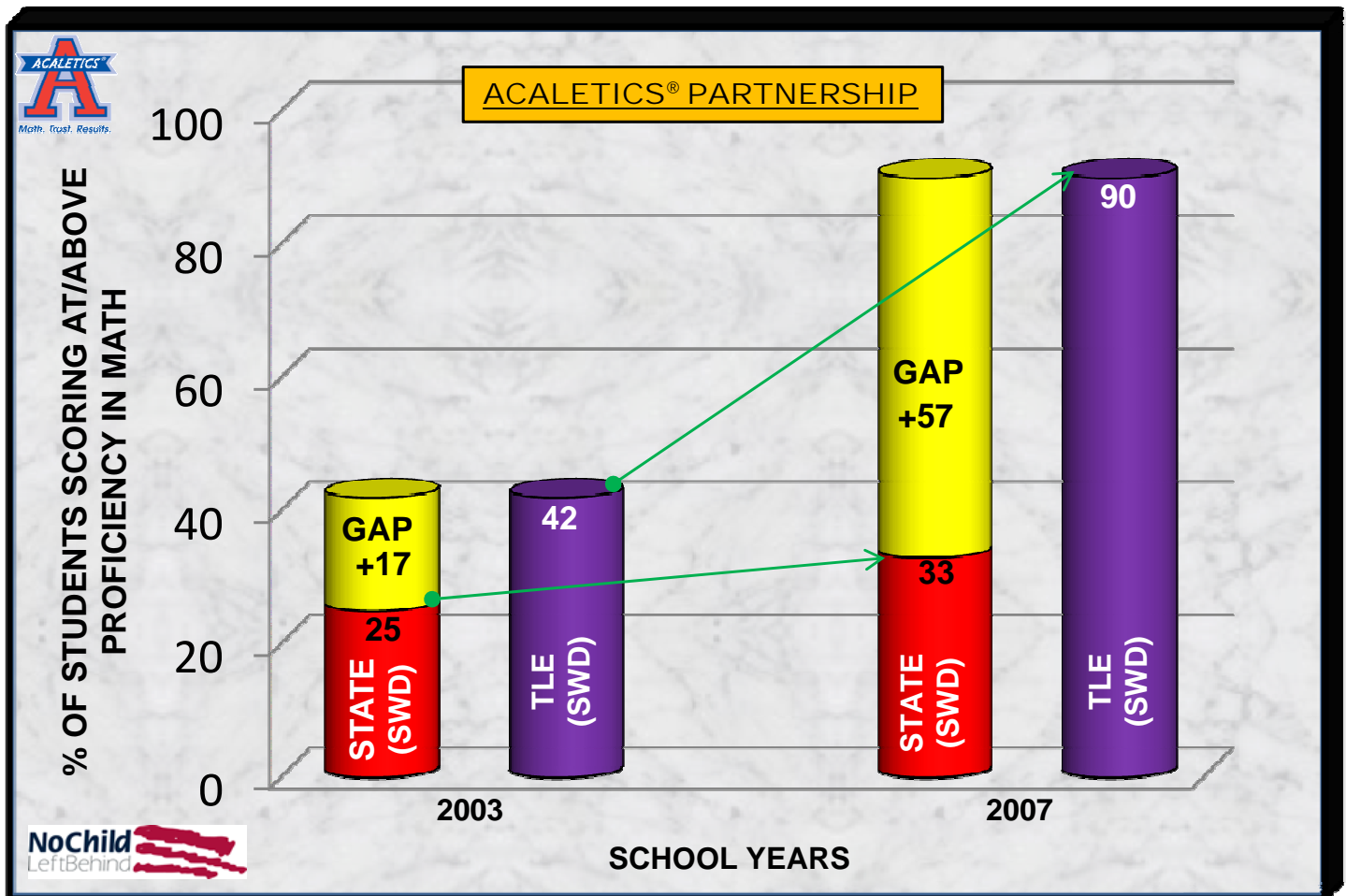
ELEMENTARY SCHOOL

2003 - 07 Adequate Yearly Progress (AYP)

State Average

(SWD) vs. Twin Lakes

Students With Disabilities (SWD)



Data Source: Florida Department of EDUCATION

Twin Lakes Elementary School (TLE):

- TLE has increased its Students with Disabilities by **+48** percentage points in its Percent of Students Scoring At/Above Proficiency in Math from 2003 to 2007!
- In 2003, TLEs Students with Disabilities subgroup was above (+17 percentage points) the State (SWD) Subgroup in Percent of Students Scoring At/Above Proficiency in Math. During the five year **ACALETICS®** partnership, TLE increased the achievement gap above the State to **+57** percentage points in 2007!



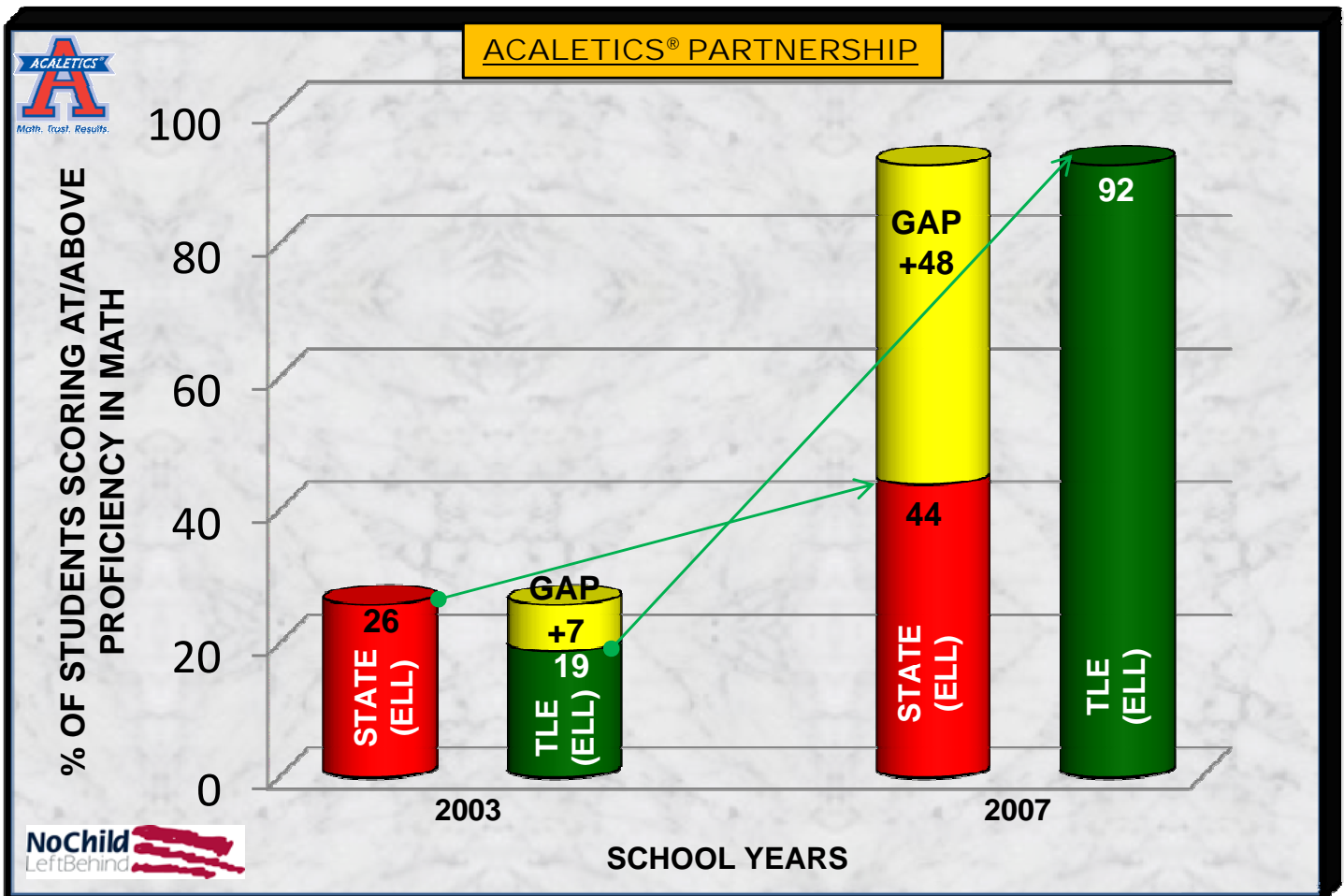
Subgroup Gap Analysis - Math

TWIN LAKES ELEMENTARY SCHOOL

2003 - 07 Adequate Yearly Progress (AYP)

State Average (ELL) vs. Twin Lakes

English Language Learners (ELL)



Data Source: Florida Department of EDUCATION

Twin Lakes Elementary School (TLE):

- TLE has increased its English Language Learners by **+73** percentage points in its Percent of Students Scoring At/Above Proficiency in Math from 2003 to 2007!
- In 2003, TLEs English Language Learners subgroup was below (-7 percentage points) the State (ELL) Subgroup in Percent of Students Scoring At/Above Proficiency in Math. As a result of our partnership, TLE has surpassed the achievement of the State by **+48** percentage points ("A Gap Reverse") in 2007!



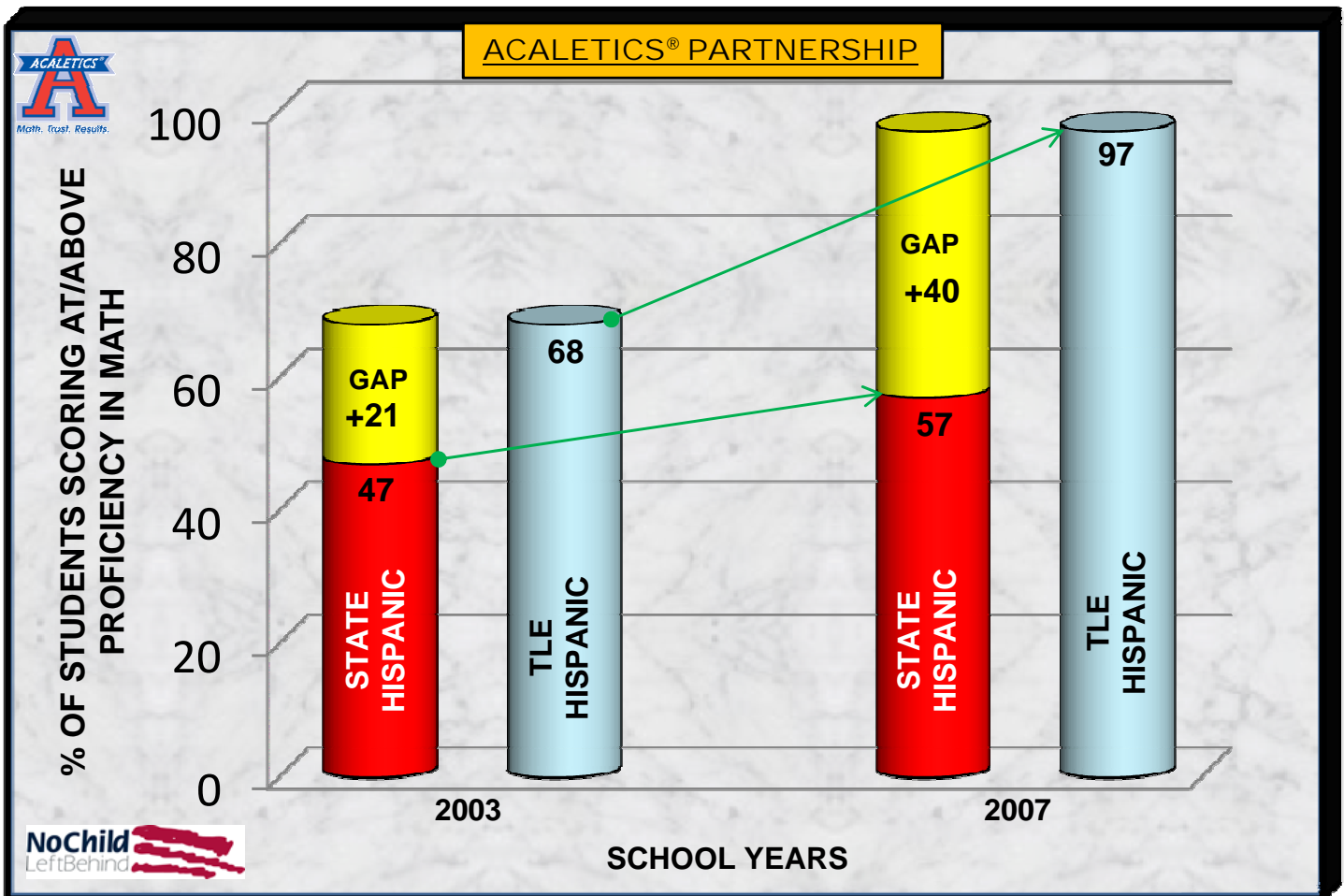
Subgroup Gap Analysis - Math

TWIN LAKES ELEMENTARY SCHOOL

2003 - 07 Adequate Yearly Progress (AYP)

State Average

(Hispanic) vs. Twin Lakes (Hispanic)



Data Source: Florida Department of EDUCATION

Twin Lakes Elementary School (TLE):

- TLE has increased its Hispanic subgroup by **+29** percentage points in its Percent of Students Scoring At/Above Proficiency in Math from 2003 to 2007!
- In 2003, TLEs Hispanic subgroup was above (+21 percentage points) the State (Hispanic) Subgroup in Percent of Students Scoring At/Above Proficiency in Math. During the five year **ACALETICS®** partnership, TLE increased the achievement gap above the State to **+40** percentage points in 2007!

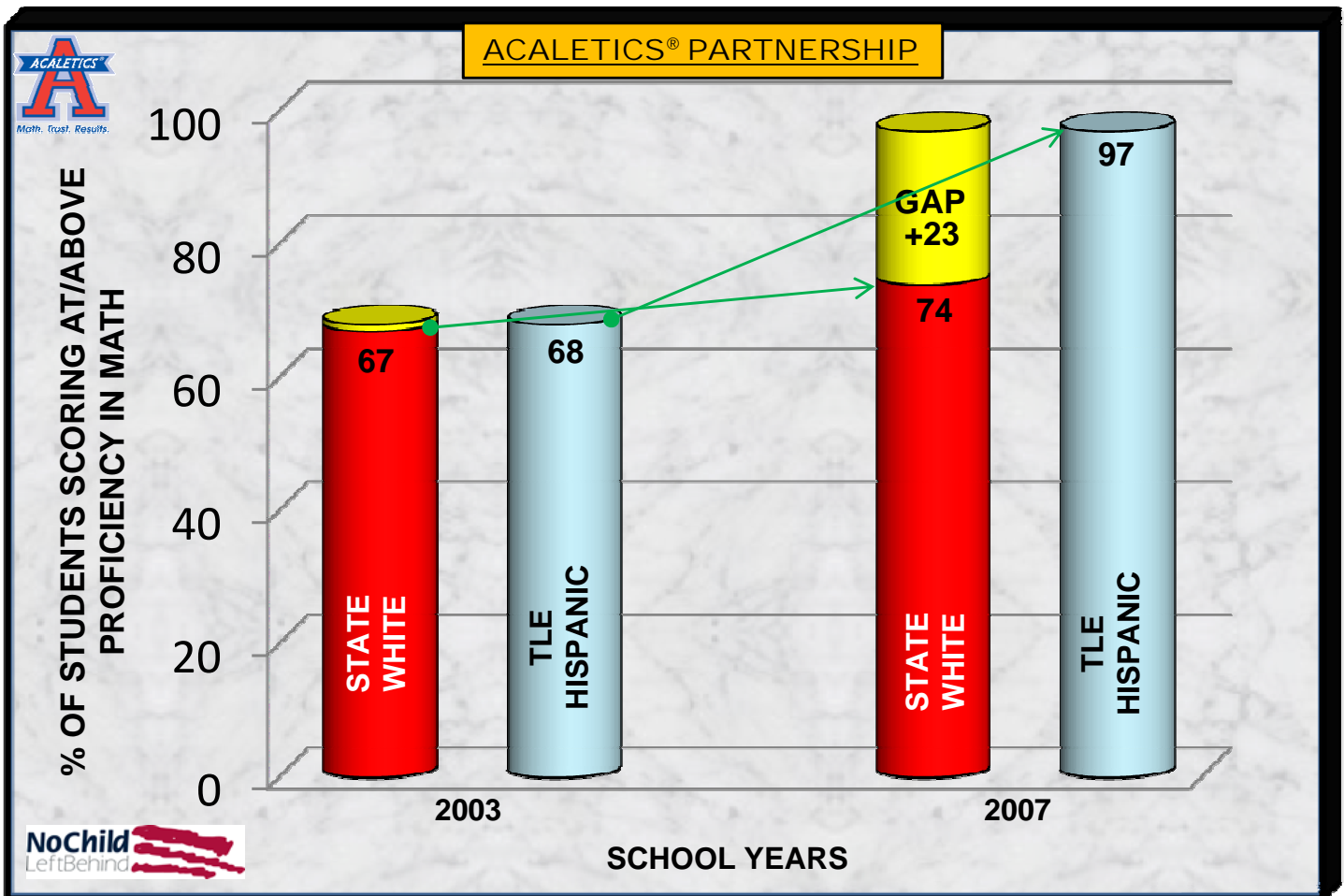


Subgroup Gap Analysis - Math

TWIN LAKES ELEMENTARY SCHOOL

2003 - 07 Adequate Yearly Progress (AYP)

State Average (White) vs. Twin Lakes (Hispanic)



Data Source: Florida Department of EDUCATION

Twin Lakes Elementary School (TLE):

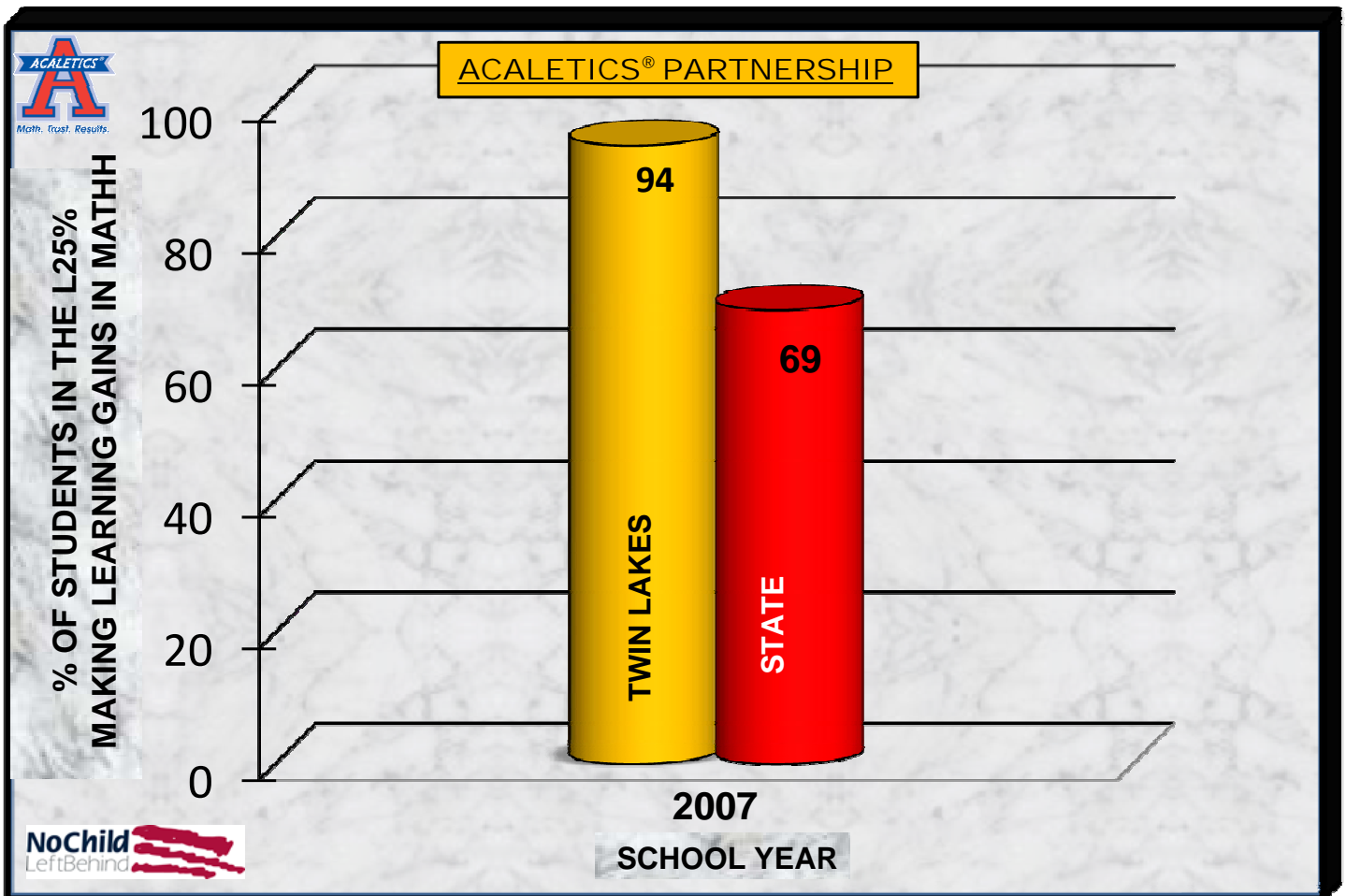
- TLE has increased its Hispanic subgroup by **+29** percentage points in its Percent of Students Scoring At/Above Proficiency in Math from 2003 to 2007!
- In 2003, TLEs Hispanic subgroup was above (+1 percentage point) the State (White) Subgroup in Percent of Students Scoring At/Above Proficiency in Math. As a result of the partnership, TLE increased the achievement gap above the State to **+23** percentage points in 2007!



TWIN LAKES ELEMENTARY SCHOOL

2007 Florida's A+ Plan Results Math – L25% Learning Gains

Percent of Students in the Lowest 25% Making Learning Gains in Math vs. **State Average**



Twin Lakes Elementary School (TLE):

Data Source: Florida Department of EDUCATION

- In 2007, TLEs Percent of Students in the Lowest 25% Making Gains in Math was +25 percentage points above the State average!

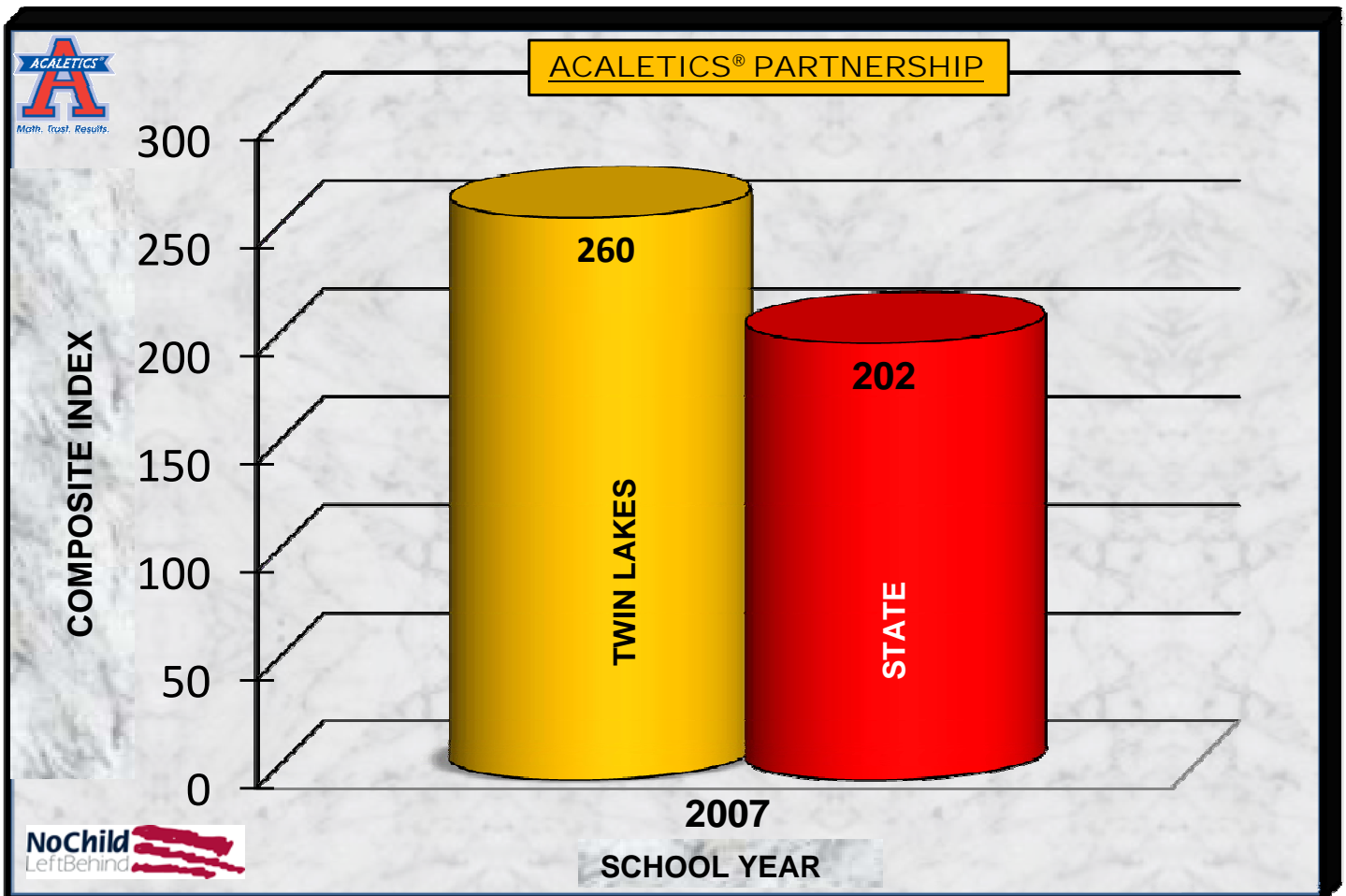


TWIN LAKES ELEMENTARY SCHOOL

2007 Florida's A+ Plan Results Math – Composite

Math Composite = Sum of (% of Students At/Above Proficiency) + (% Making Learning Gains) + (% Lowest 25% Making Learning Gains)

vs. **State Average**



Data Source: Florida Department of EDUCATION

Twin Lakes Elementary School (TLE):

- In 2007, TLEs Math Composite was **+58** percentage points above the State average!

Hispanic Subgroup Achievement Gap Analysis 2003-2007



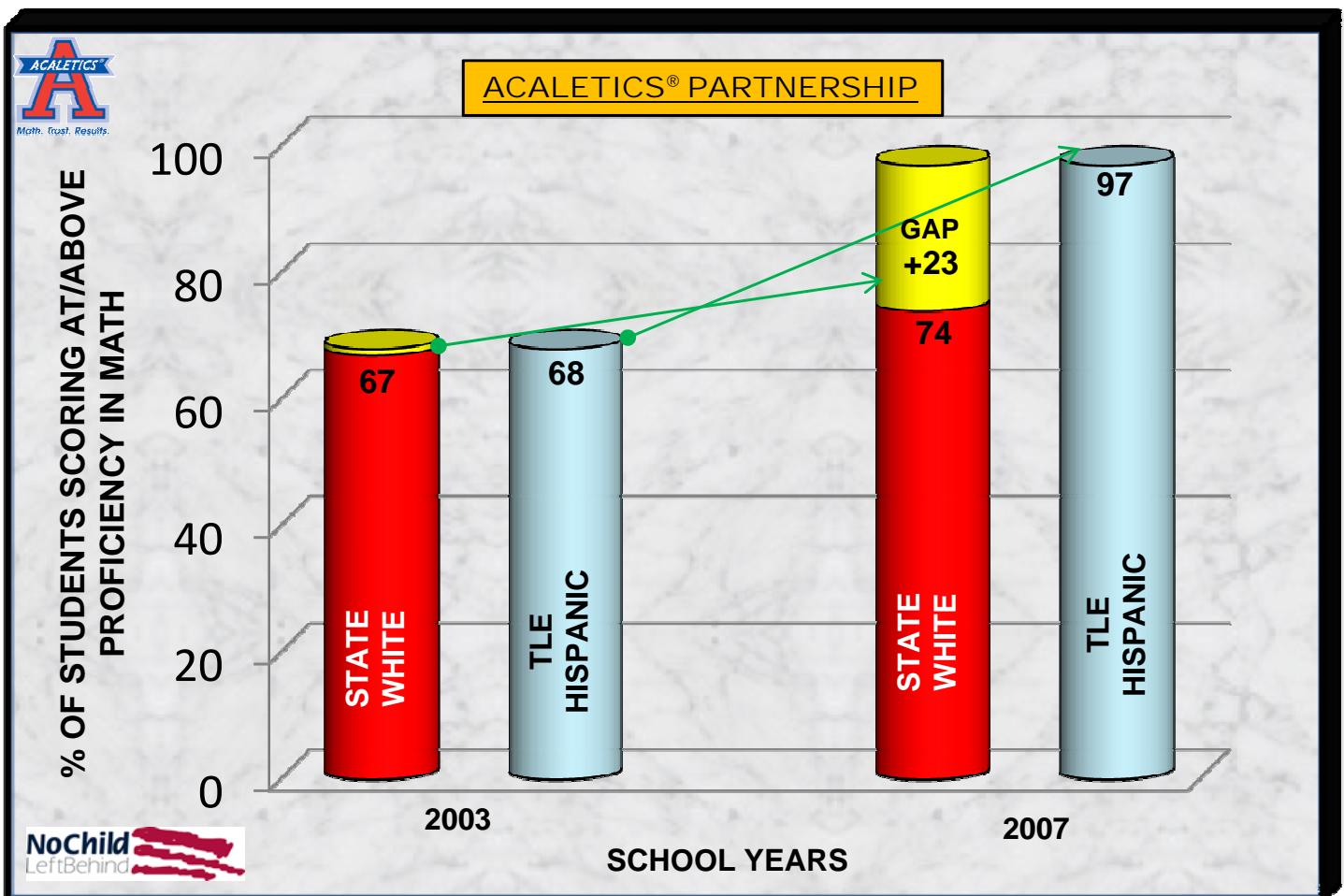


Subgroup Gap Analysis - Math

TWIN LAKES ELEMENTARY SCHOOL

2003 - 07 Adequate Yearly Progress (AYP)

State Average (White) vs. Twin Lakes (Hispanic)



Data Source: Florida Department of EDUCATION

Twin Lakes Elementary School (TLE):

- TLE has increased its Hispanic subgroup by **+29** percentage points in its Percent of Students Scoring At/Above Proficiency in Math from 2003 to 2007!
- In 2003, TLEs Hispanic subgroup was above (+1 percentage point) the State (White) Subgroup in Percent of Students Scoring At/Above Proficiency in Math. As a result of the partnership, TLE increased the achievement gap above the State to **+23** percentage points in 2007!

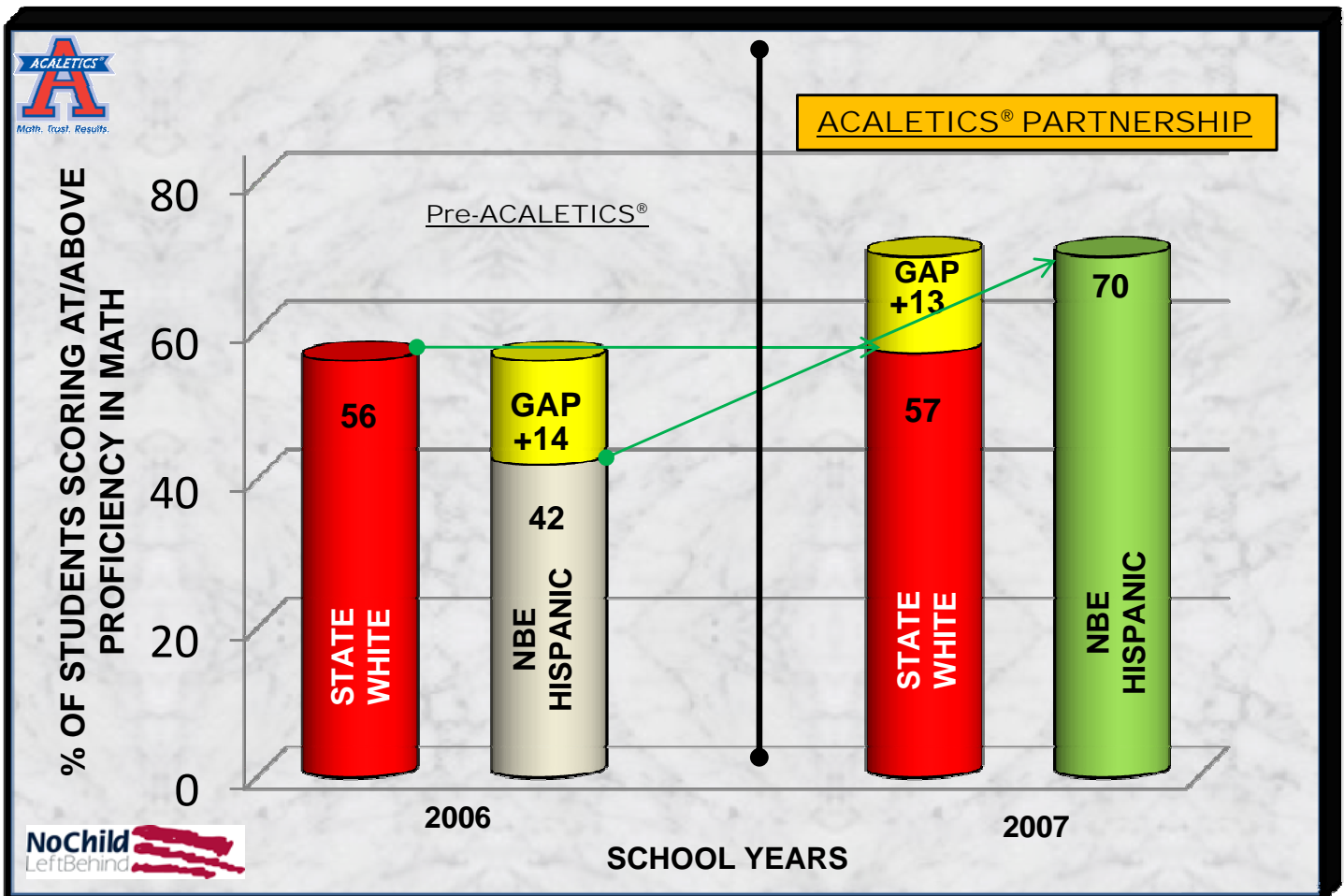


Subgroup Gap Analysis - Math

NORTHBORO ELEMENTARY SCHOOL

2006 - 07 Adequate Yearly Progress (AYP)

State Average (White) vs. Northboro (Hispanic)



Data Source: Florida Department of EDUCATION

Northboro Elementary School (NBE):

- NBE has increased its Hispanic subgroup by **+28** percentage points in its Percent of Students Scoring At/Above Proficiency in Math from 2006 to 2007!
- In 2006, NBEs Hispanic subgroup was below (-14 percentage points) the State White Subgroup in Percent of Students Scoring At/Above Proficiency in Math. As a result of the partnership, NBE has exceeded the achievement of the State by **+13** percentage points ("A Reverse Gap") in 2007!

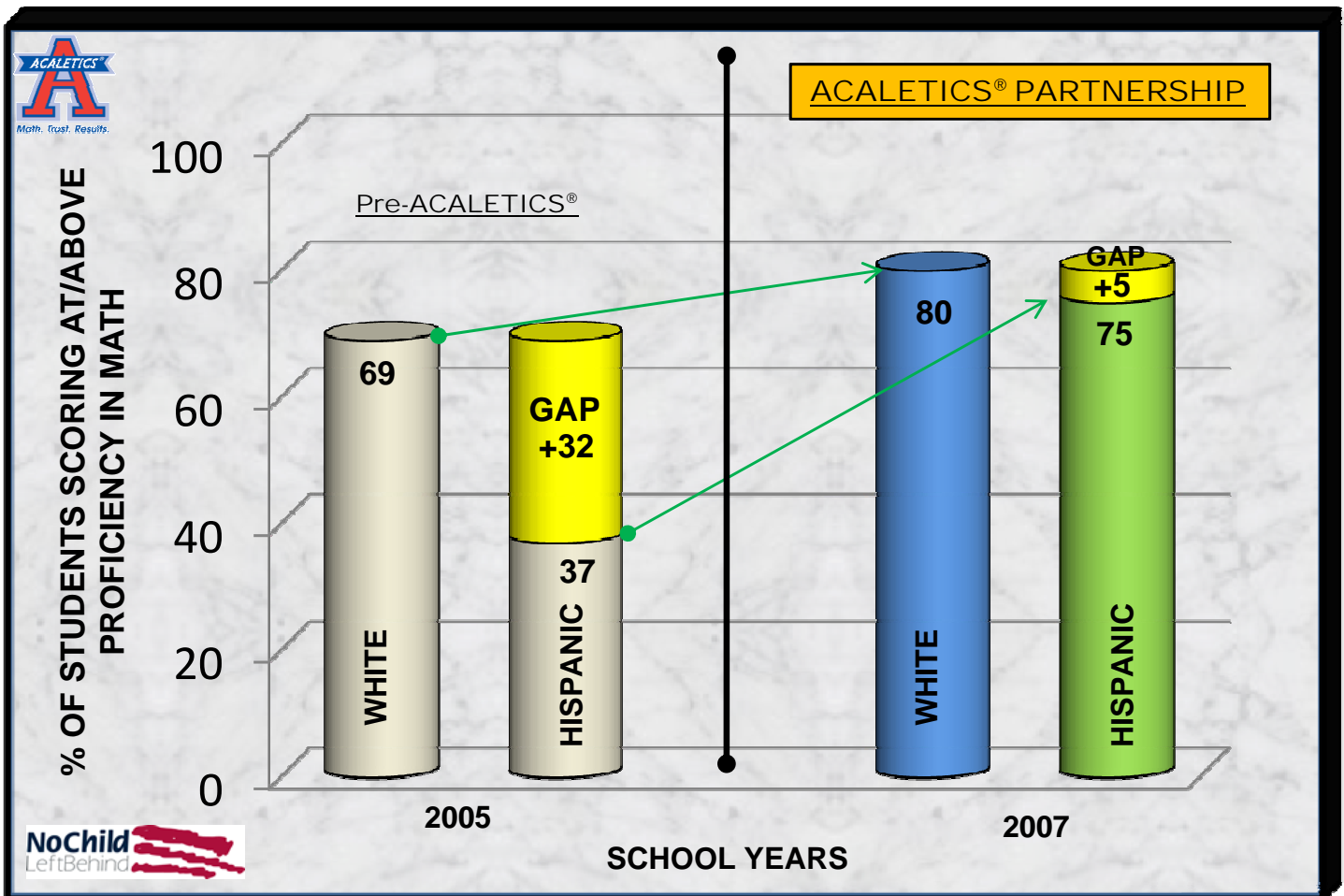


Subgroup Gap Analysis - Math

EUSTIS HEIGHTS ELEMENTARY SCHOOL

2005 - 07 Adequate Yearly Progress (AYP)

(White) vs. (Hispanic)



Data Source: Florida Department of EDUCATION

Eustis Heights Elementary School (EHE):

- EHE has increased its Hispanic subgroup by **+38** percentage points in its Percent of Students Scoring At/Above Proficiency in Math from 2005 to 2007!
- In 2005, EHEs Hispanic subgroup was below (-32 percentage points) its White Subgroup in Percent of Students Scoring At/Above Proficiency in Math. During the two-year **ACALETICS®** partnership, EHE has closed the achievement gap by **+27** percentage points in 2007!

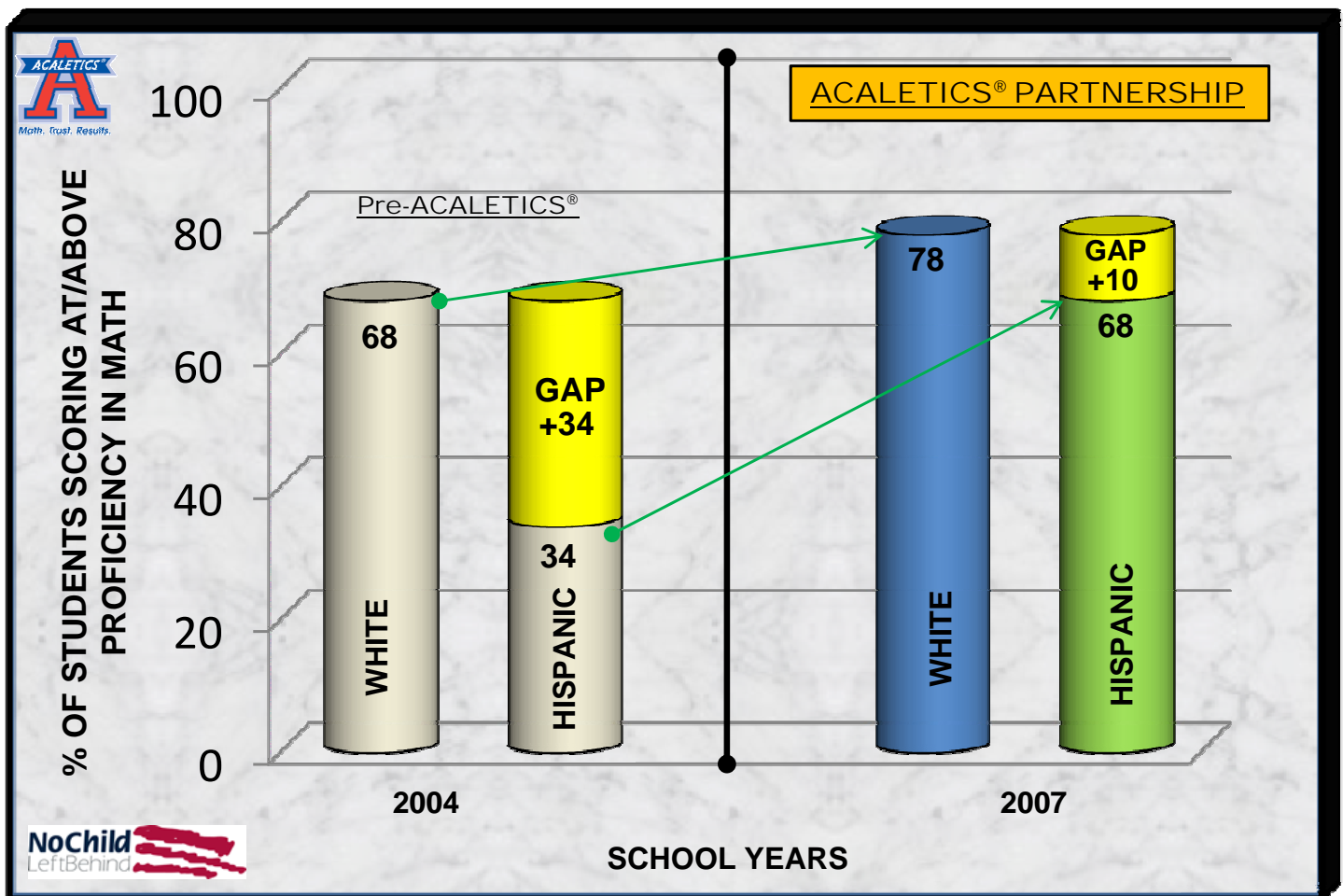


Subgroup Gap Analysis - Math

SADDLEWOOD ELEMENTARY SCHOOL

2004 - 07 Adequate Yearly Progress (AYP)

(White) vs. (Hispanic)



Saddlewood Elementary School (SWE):

Data Source: Florida Department of EDUCATION

- SWE has increased its Hispanic subgroup Percent Scoring At/Above Proficiency by +34 percentage points from 2004 to 2007!
- In 2004, SWEs Hispanic subgroup was significantly below (-34 percentage points) its White Subgroup in Percent of Students Scoring At/Above Proficiency in Math. During the three year **ACALETICS**[®] partnership, SWE closed the achievement gap by +24 percentage points in 2007!

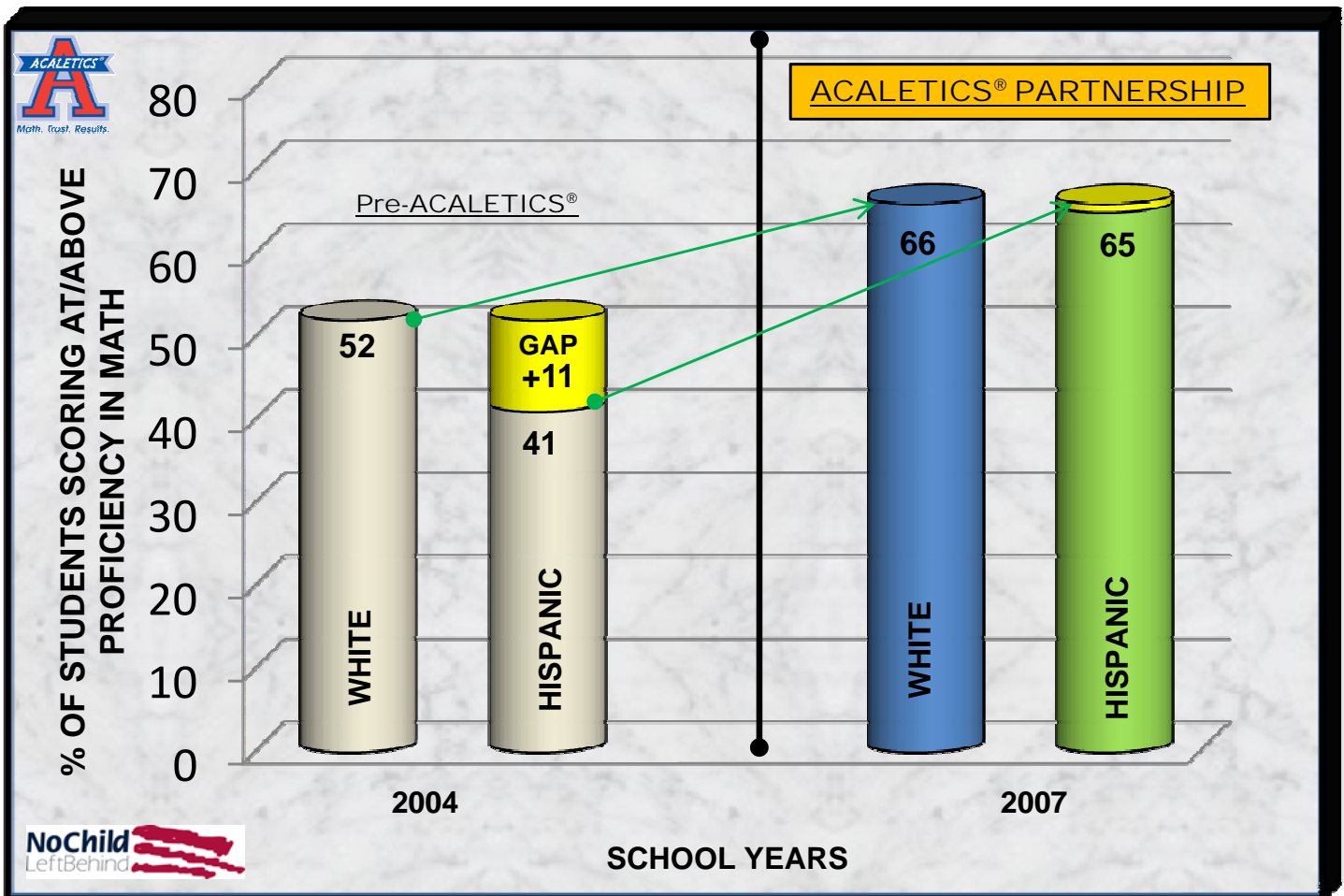


Subgroup Gap Analysis - Math

COLLEGE PARK ELEMENTARY SCHOOL

2004 - 07 Adequate Yearly Progress (AYP)

(White) vs. (Hispanic)



College Park Elementary School (CPE):

Data Source: Florida Department of EDUCATION

- CPE has increased its Hispanic subgroup Percent Scoring At/Above Proficiency by +24 percentage points from 2004 to 2007!
- In 2004, CPEs Hispanic subgroup was significantly below (-11 percentage points) its White Subgroup in Percent of Students Scoring At/Above Proficiency in Math. During the three year **ACALETICS**[®] partnership, CPE closed the achievement gap by +10 percentage points in 2007!

Black Subgroup Achievement Gap Analysis 2003-2007



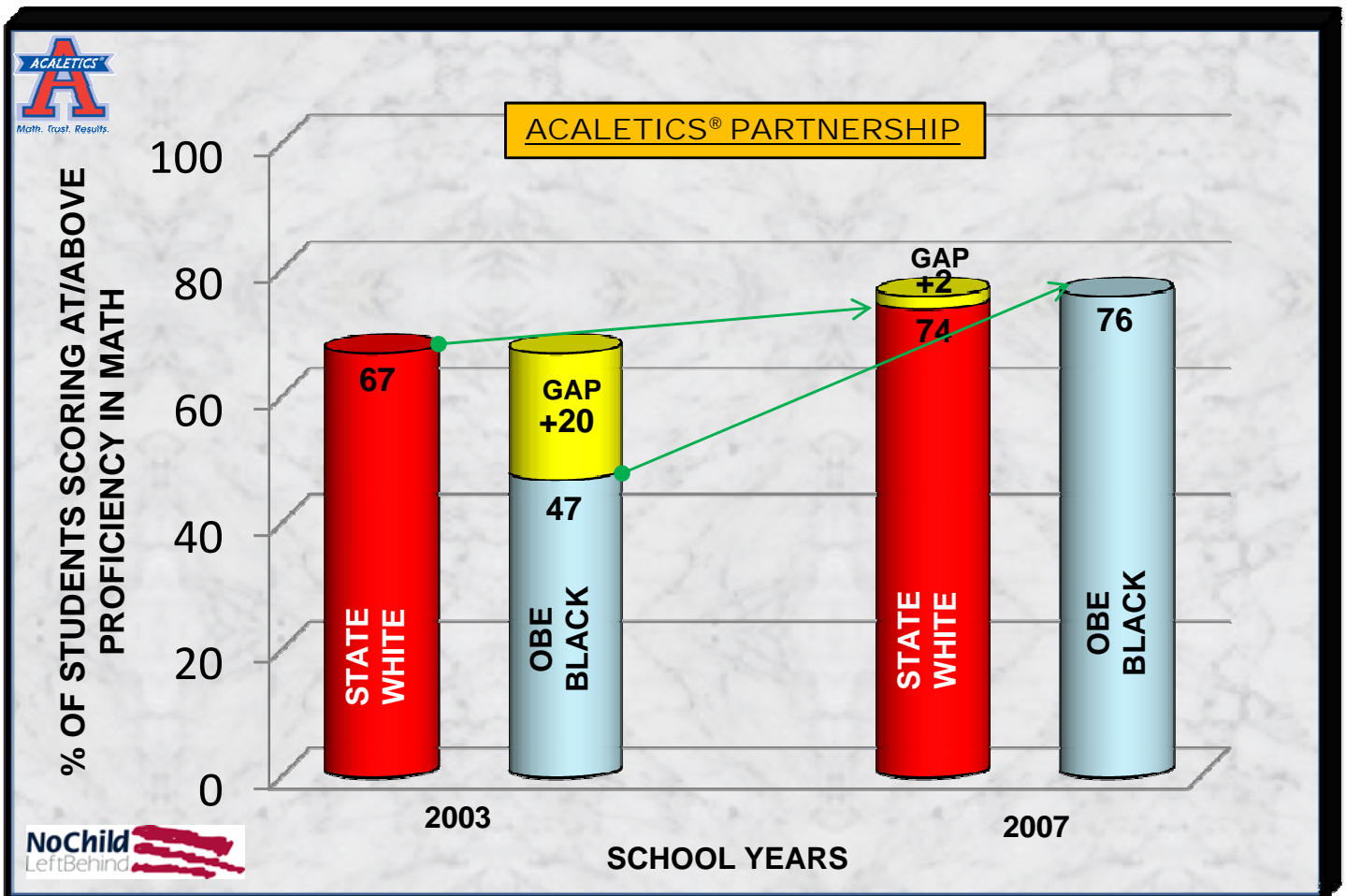


Subgroup Gap Analysis - Math

ORANGE BROOK ELEMENTARY SCHOOL

2003 - 07 Adequate Yearly Progress (AYP)

State Average (White) vs. **Orange Brook (Black)**



Data Source: Florida Department of EDUCATION

Orange Brook Elementary School (OBE):

- OBE has increased its Black subgroup by **+29** percentage points in its Percent of Students Scoring At/Above Proficiency in Math from 2003 to 2007!
- In 2003, OBEs Black subgroup was below (-20 percentage points) the State White Subgroup in Percent of Students Scoring At/Above Proficiency in Math. As a result of our partnership, OBE has exceeded the achievement of the State by **+2** percentage points (“A Reverse Gap”) in 2007!

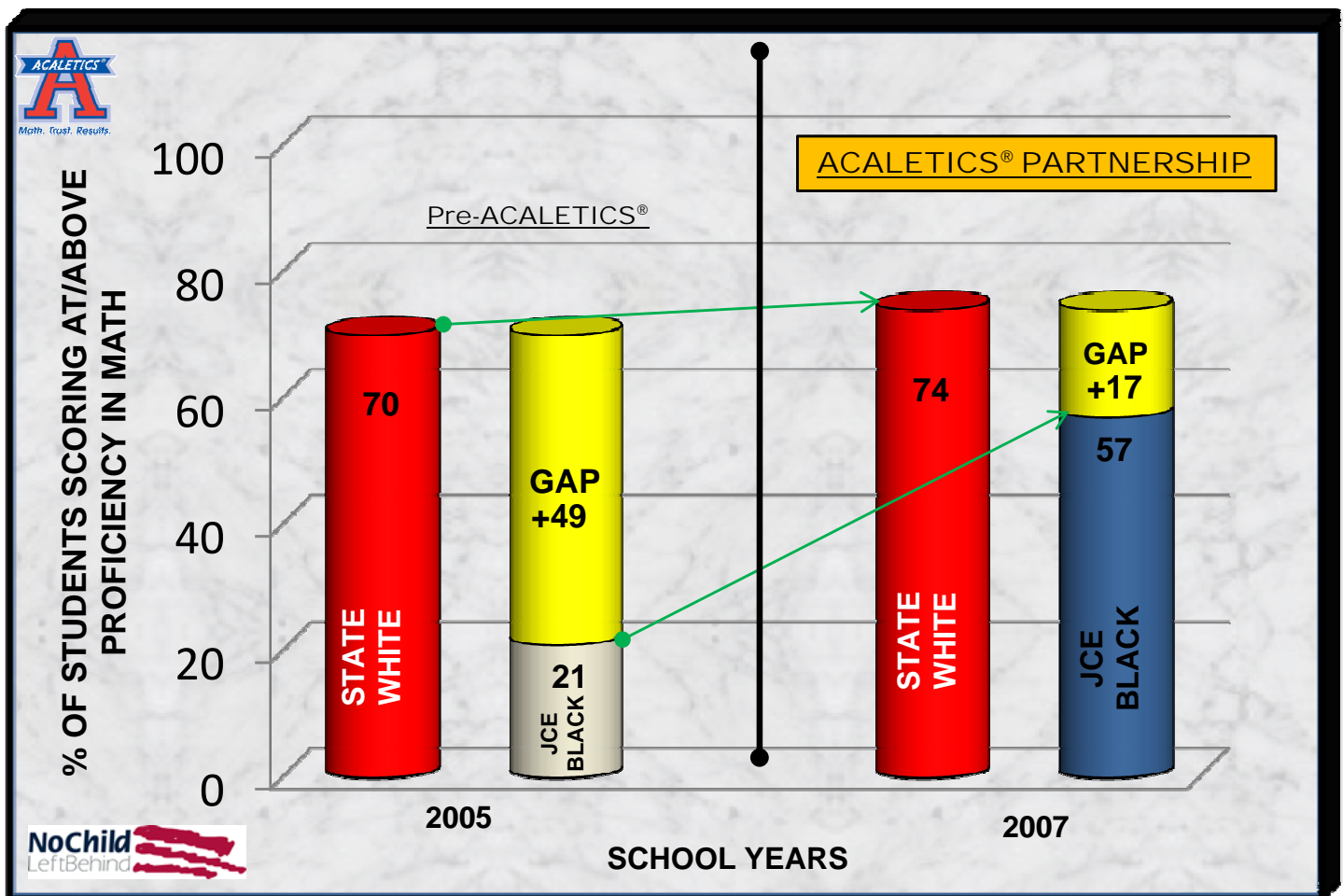


Subgroup Gap Analysis - Math

JEFFERSON COUNTY ELEMENTARY SCHOOL

2005 - 07 Adequate Yearly Progress (AYP)

State Average (White) vs. Jefferson County (Black)



Data Source: Florida Department of EDUCATION

Jefferson County Elementary School (JCE):

- JCE has increased its Black subgroup by **+36** percentage points in its Percent of Students Scoring At/Above Proficiency in Math from 2005 to 2007!
- In 2005, JCEs Black subgroup was below (-49 percentage points) the State White Subgroup in Percent of Students Scoring At/Above Proficiency in Math. During the two-year **ACALETICS**[®] partnership, JCE closed the achievement gap by **+32** percentage points in 2007!

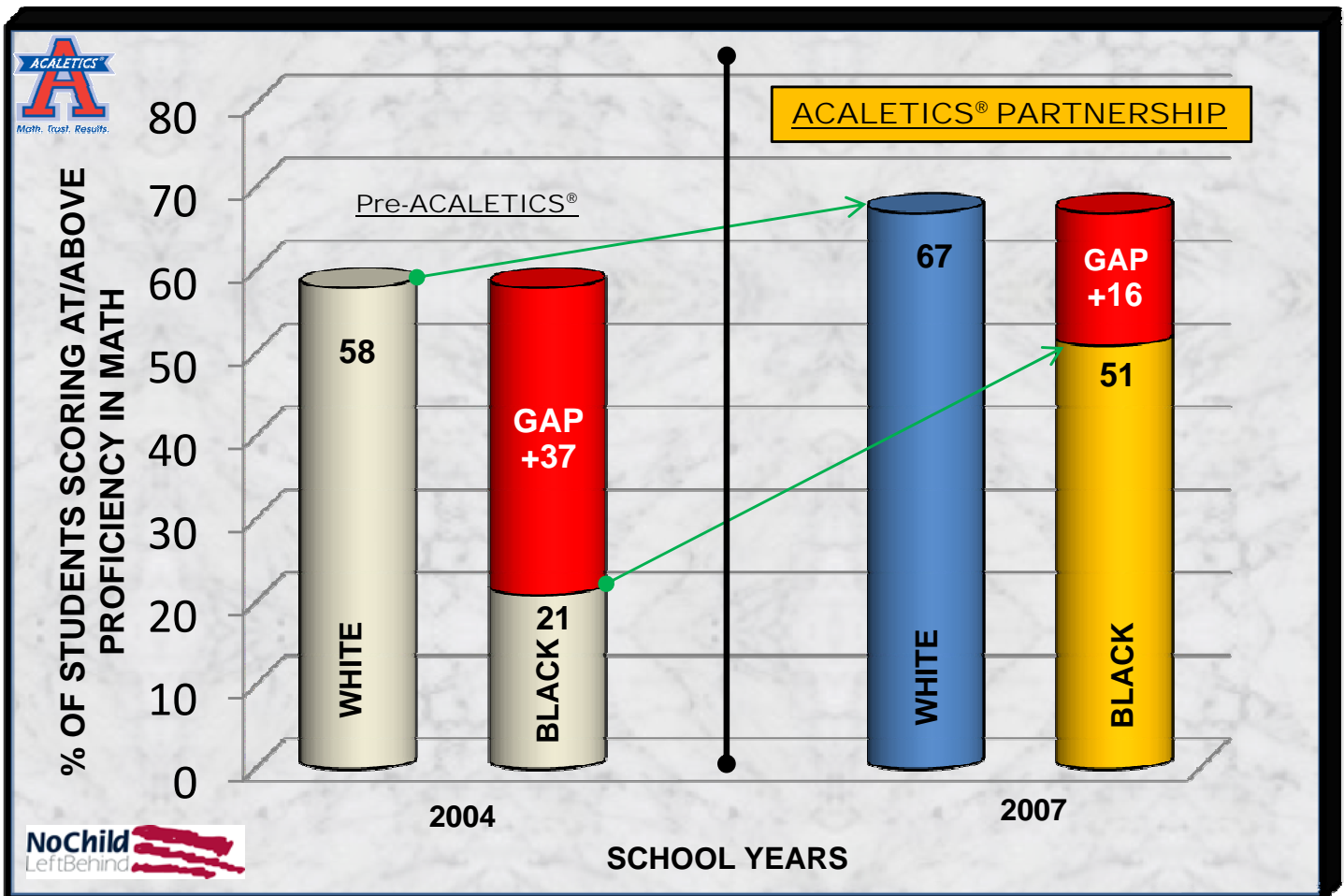


Subgroup Gap Analysis - Math

EVERGREEN ELEMENTARY SCHOOL

2004 - 07 Adequate Yearly Progress (AYP)

(White) vs. (Black)



Data Source: Florida Department of EDUCATION

Evergreen Elementary School (EGE):

- EGE has increased its Black subgroup Percent Scoring At/Above Proficiency by +30 percentage points from 2004 to 2007!
- In 2004, EGEs Black subgroup was significantly below (-37 percentage points) its White Subgroup in Percent of Students Scoring At/Above Proficiency in Math. During the three year **ACALETICS®** partnership, EGE closed the achievement gap by +21 percentage points in 2007!

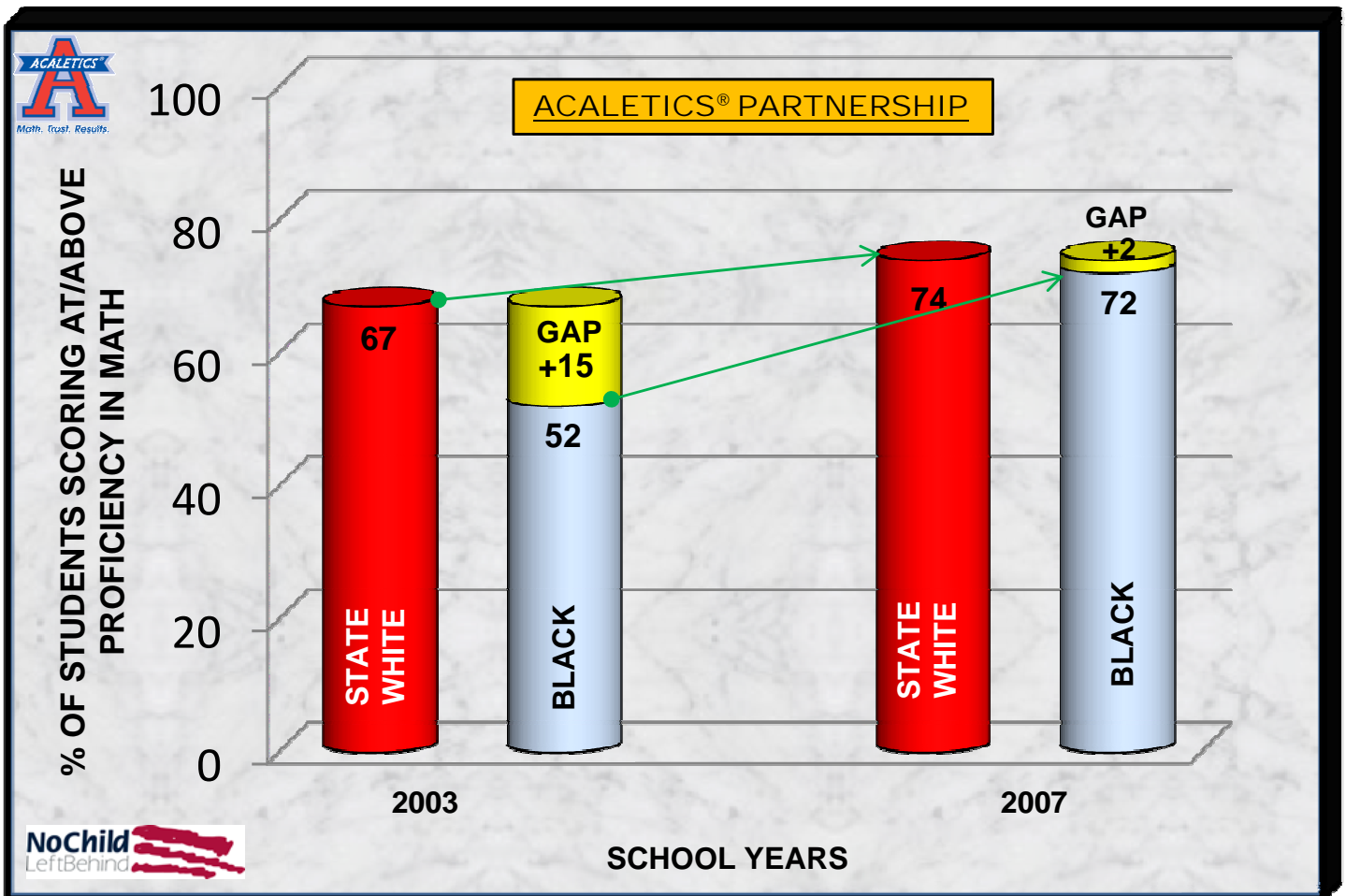


Subgroup Gap Analysis - Math

NORWOOD ELEMENTARY SCHOOL

2003 - 07 Adequate Yearly Progress (AYP)

State Average (White) vs. Norwood (Black)



Norwood Elementary School (NWE):

Data Source: Florida Department of EDUCATION

- NWE has increased its Black subgroup Percent Scoring At/Above Proficiency by **+20** percentage points from 2004 to 2007!
- In 2003, NWEs Black subgroup was below (-15 percentage points) the State White Subgroup in Percent of Students Scoring At/Above Proficiency in Math. As a result of our partnership, NWE closed the achievement gap by **+13** percentage points in 2007!

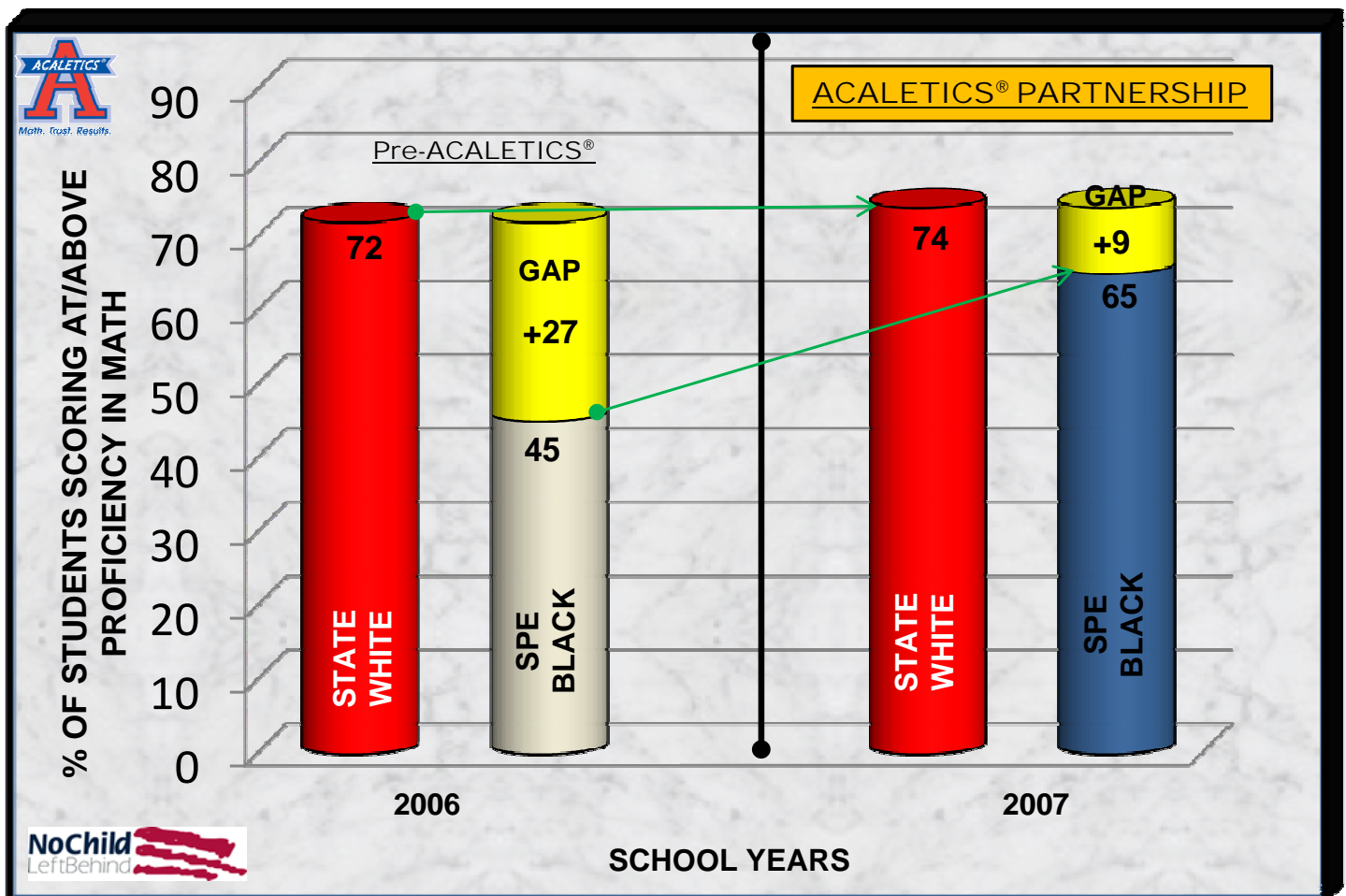


Subgroup Gap Analysis - Math

SANDERS PARK ELEMENTARY SCHOOL

2006 - 07 Adequate Yearly Progress (AYP)

State Average (White) vs. Sanders Park (Black)



Data Source: Florida Department of EDUCATION

Sanders Park Elementary School (SPE):

- SPE has increased its Black subgroup by **+20** percentage points in its Percent of Students Scoring At/Above Proficiency in Math from 2006 to 2007!
- In 2006, SPEs Black subgroup was below (-27 percentage points) the State White Subgroup in Percent of Students Scoring At/Above Proficiency in Math. During the one-year **ACALETICS®** partnership, SPE closed the achievement gap by **+18** percentage points in 2007!

English Language Learners (ELL)

Subgroup Achievement Gap Analysis 2003-2007





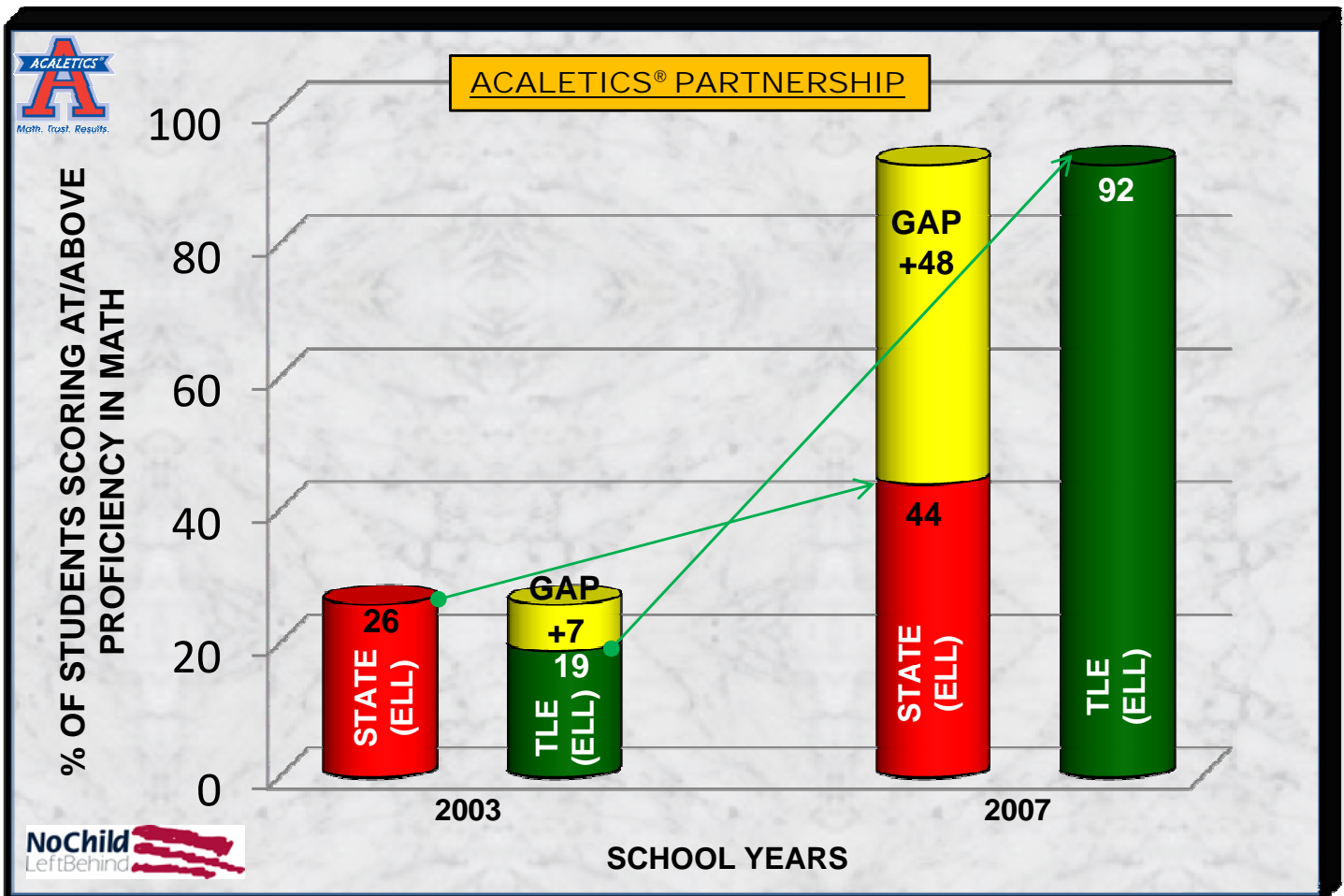
Subgroup Gap Analysis - Math

TWIN LAKES ELEMENTARY SCHOOL

2003 - 07 Adequate Yearly Progress (AYP)

State Average (ELL) vs. Twin Lakes

English Language Learners (ELL)



Data Source: Florida Department of EDUCATION

Twin Lakes Elementary School (TLE):

- TLE has increased its English Language Learners by **+73** percentage points in its Percent of Students Scoring At/Above Proficiency in Math from 2003 to 2007!
- In 2003, TLEs English Language Learners subgroup was below (-7 percentage points) the State (ELL) Subgroup in Percent of Students Scoring At/Above Proficiency in Math. As a result of our partnership, TLE has surpassed the achievement of the State by **+48** percentage points ("A Gap Reverse") in 2007!

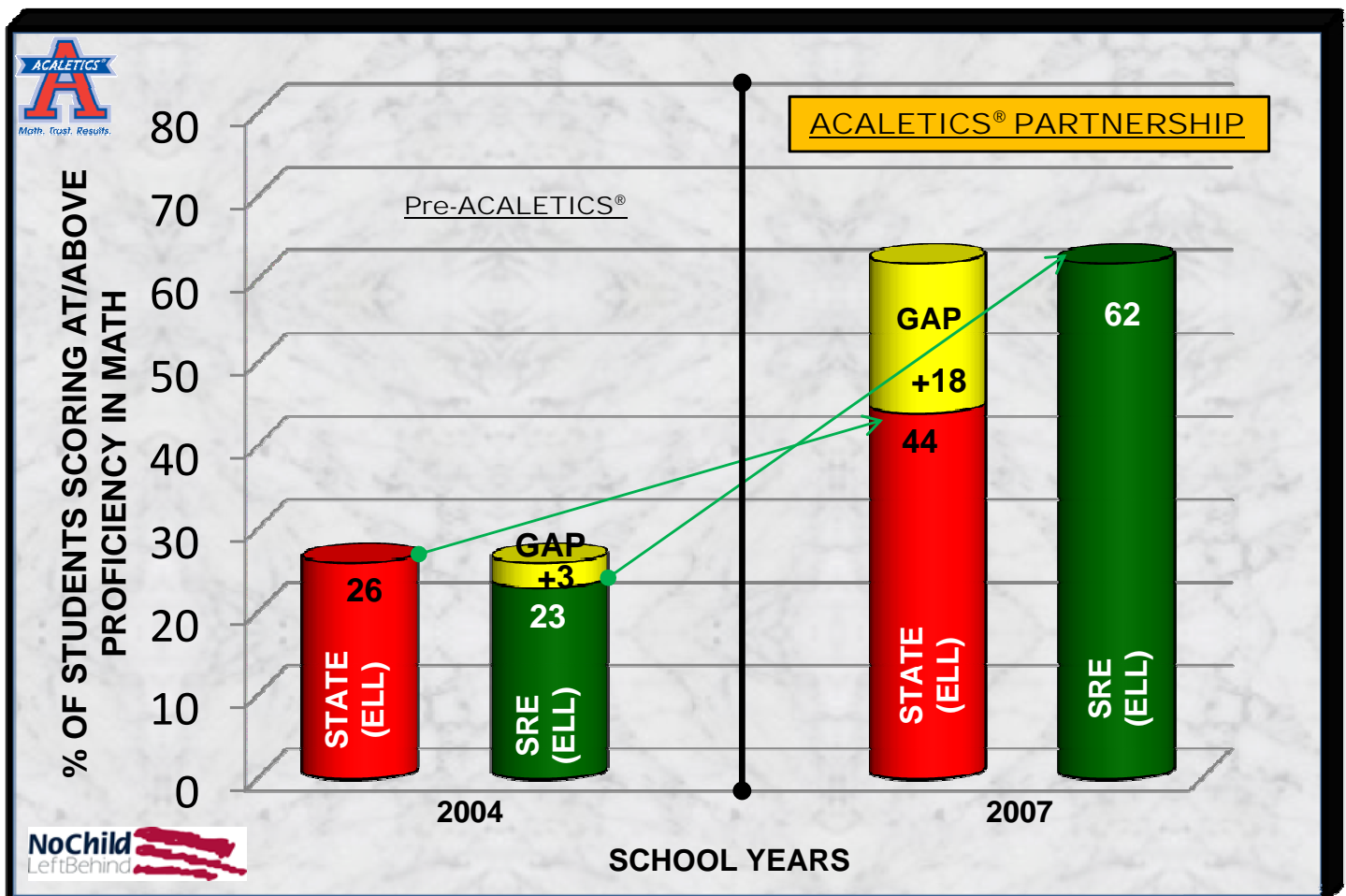


Subgroup Gap Analysis - Math

SUNRISE ELEMENTARY SCHOOL

2004 - 07 Adequate Yearly Progress (AYP)

State Average (ELL) vs. Sunrise English Language Learners (ELL)



Data Source: Florida Department of EDUCATION

Sunrise Elementary School (SRE):

- SRE has increased its English Language Learners by **+39** percentage points in its Percent of Students Scoring At/Above Proficiency in Math from 2004 to 2007!
- In 2004, SREs English Language Learners subgroup was below (-3 percentage points) the State (ELL) Subgroup in Percent of Students Scoring At/Above Proficiency in Math. During the three-year **ACALETICS®** partnership, SRE has surpassed the achievement of the State by **+18** percentage points ("A Reverse Gap") in 2007!



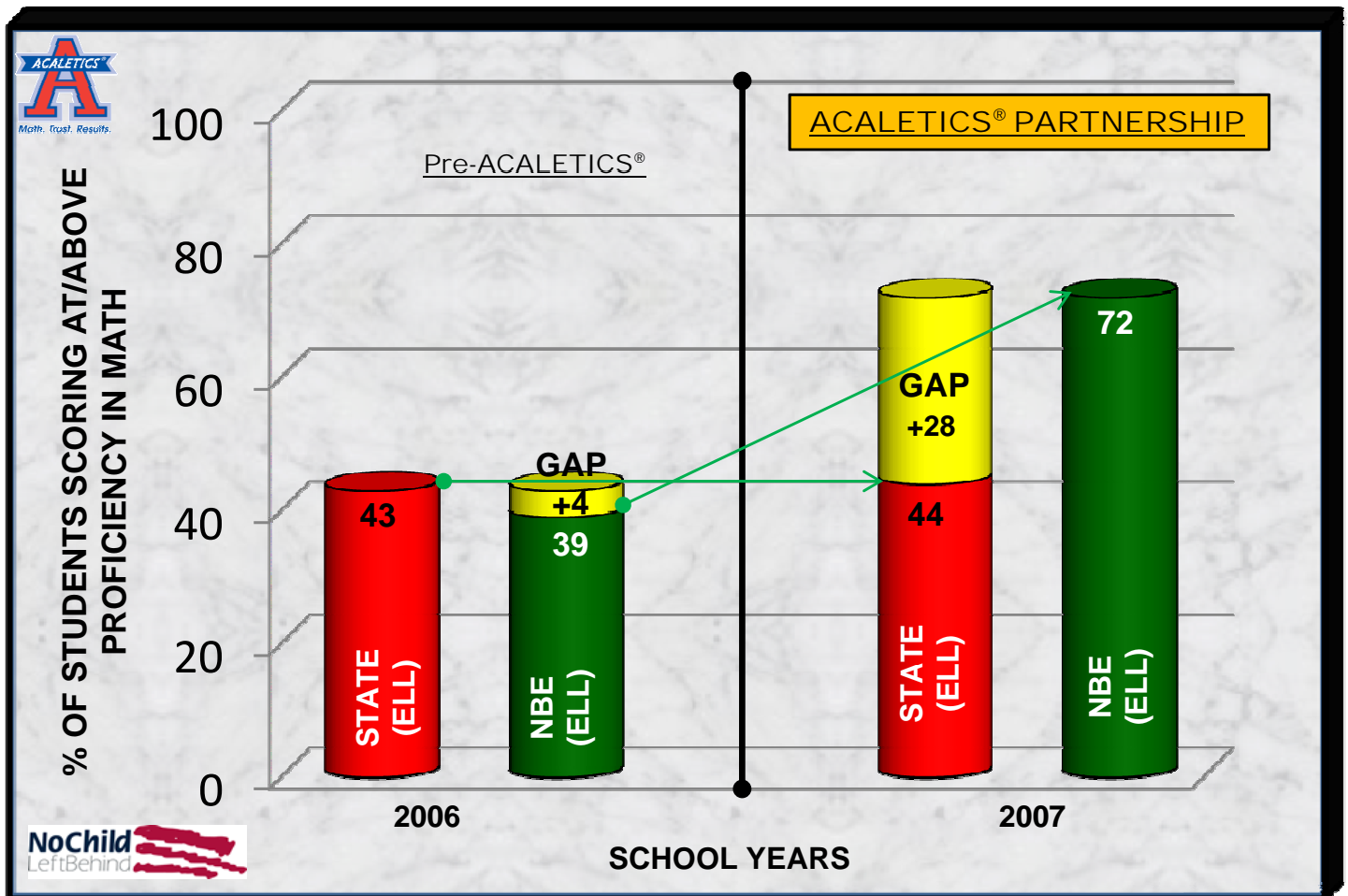
Subgroup Gap Analysis - Math

NORTHBORO ELEMENTARY SCHOOL

2006 - 07 Adequate Yearly Progress (AYP)

State Average (ELL) vs. Northboro

English Language Learners (ELL)



Data Source: Florida Department of EDUCATION

Northboro Elementary School (NBE):

- NBE has increased its English Language Learners by **+33** percentage points in its Percent of Students Scoring At/Above Proficiency in Math from 2006 to 2007!
- In 2006, NBEs English Language Learners subgroup was below (-4 percentage points) the State (ELL) Subgroup in Percent of Students Scoring At/Above Proficiency in Math. During the one-year **ACALETICS®** partnership, NBE exceeded the achievement of the State by **+28** percentage points (“A Reverse Gap”) in 2007!

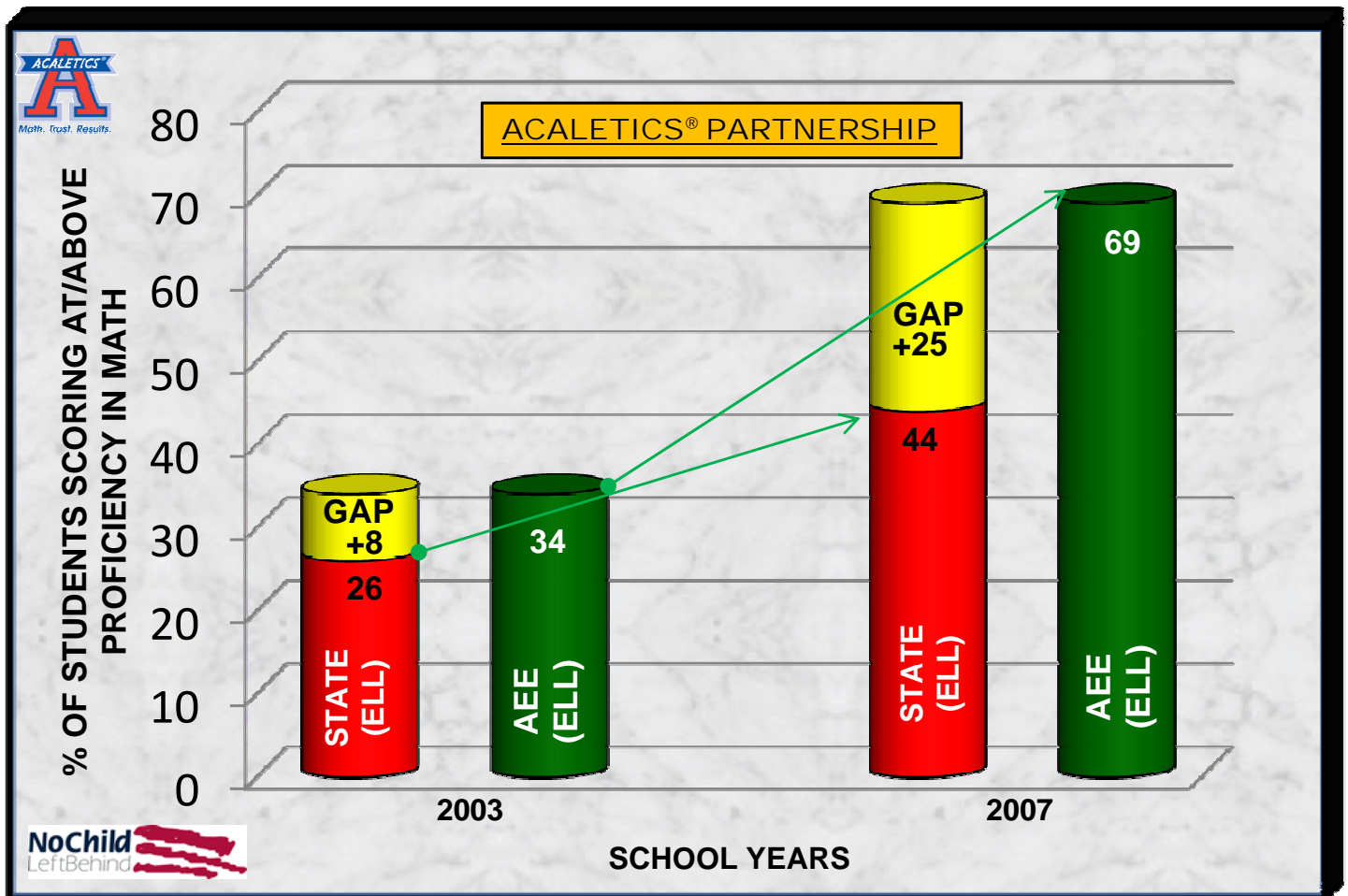


Subgroup Gap Analysis - Math

AMELIA EARHART ELEMENTARY SCHOOL

2003 - 07 Adequate Yearly Progress (AYP)

State Average (ELL) vs. Amelia Earhart English Language Learners (ELL)



Data Source: Florida Department of EDUCATION

Amelia Earhart Elementary School (AEE):

- AEE has increased its English Language Learners by **+35** percentage points in its Percent of Students Scoring At/Above Proficiency in Math from 2003 to 2007!
- In 2003, AEEs English Language Learners subgroup was above (+8 percentage points) the State (ELL) Subgroup in Percent of Students Scoring At/Above Proficiency in Math. As a result of our partnership, AEE has increased the achievement above the State to **+25** percentage points in 2007!



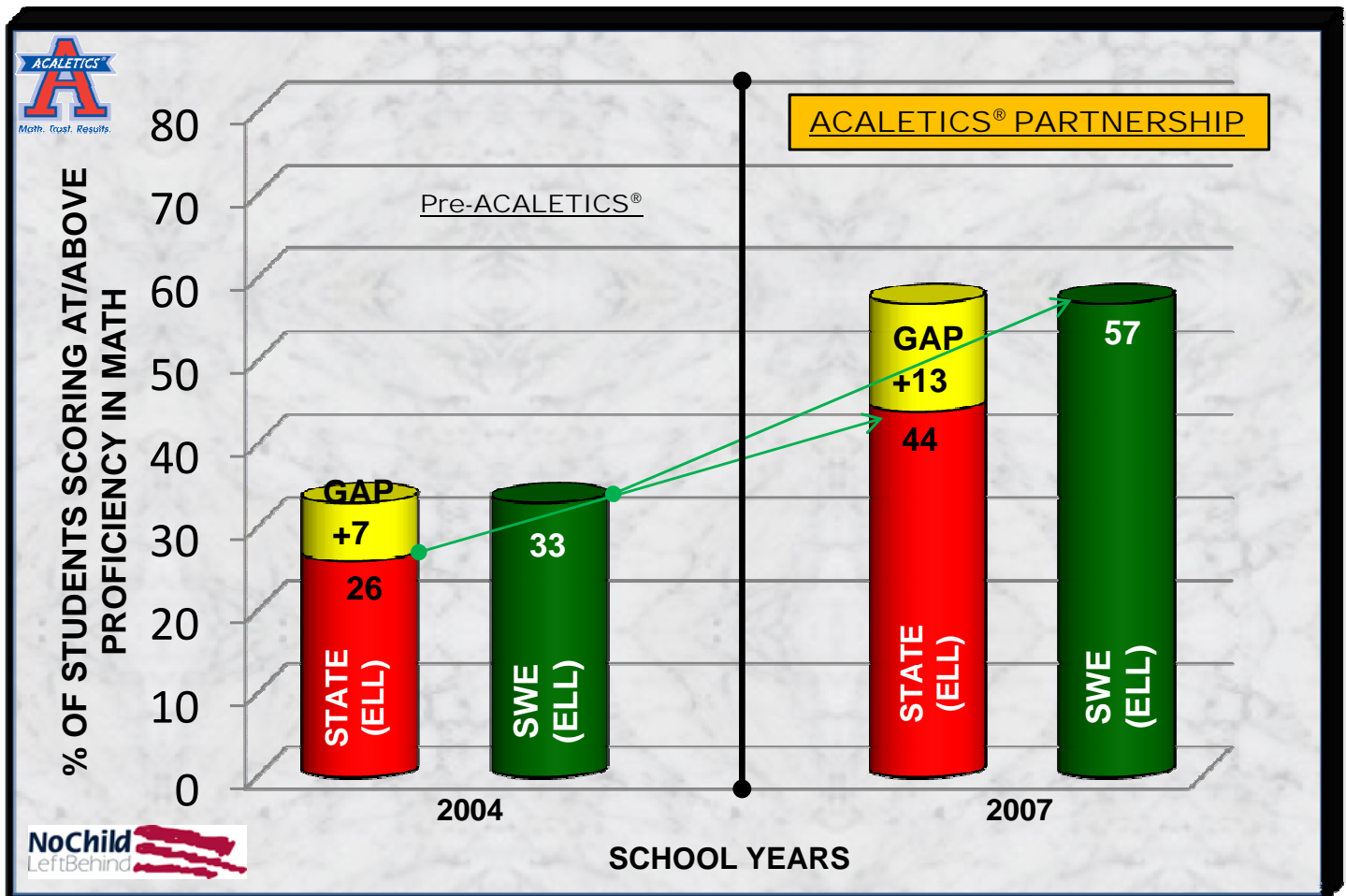
Subgroup Gap Analysis - Math

SADDLEWOOD ELEMENTARY SCHOOL

2004 - 07 Adequate Yearly Progress (AYP)

State Average (ELL) vs. Saddlewood

English Language Learners (ELL)



Data Source: Florida Department of EDUCATION

Saddlewood Elementary School (SWE):

- SWE has increased its English Language Learners by **+24** percentage points in its Percent of Students Scoring At/Above Proficiency in Math from 2004 to 2007!
- In 2004, SWEs English Language Learners subgroup was above (+7 percentage points) the State (ELL) Subgroup in Percent of Students Scoring At/Above Proficiency in Math. During the three-year **ACALETICS®** partnership, SWE has increased the achievement gap above the State to **+13** percentage points in 2007!

Students With Disabilities (SWD)

Subgroup Achievement Gap Analysis 2003-2007





Subgroup Gap Analysis - Math

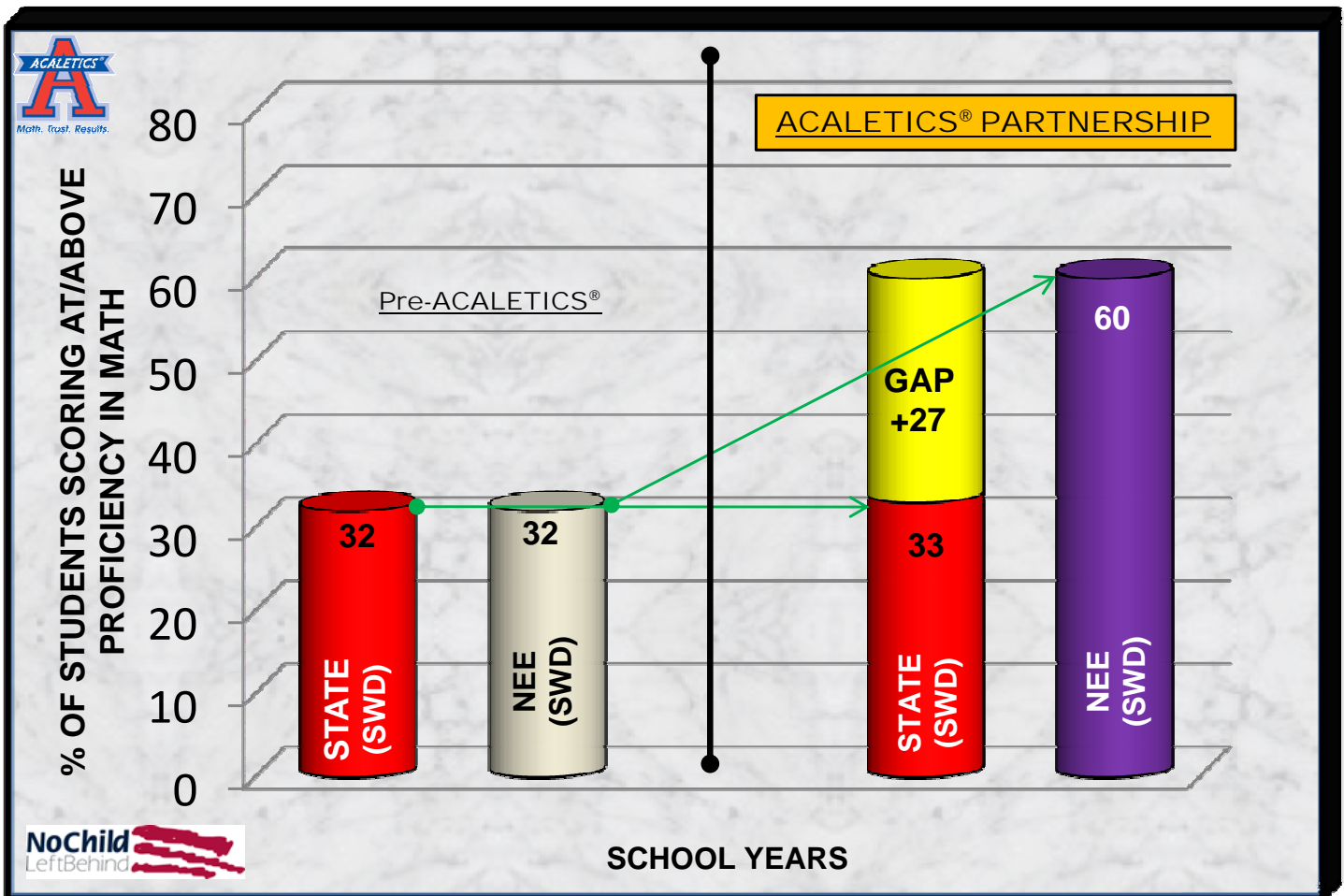
NORTH ELEMENTARY SCHOOL

2006 - 07 Adequate Yearly Progress (AYP)

State Average

(SWD) vs. North

Students With Disabilities (SWD)



Data Source: Florida Department of EDUCATION

North Elementary School (NEE):

- NEE has increased its Students with Disabilities by **+28** percentage points in its Percent of Students Scoring At/Above Proficiency in Math from 2006 to 2007!
- In 2006, NEEs Students with Disabilities subgroup was equal to the State (SWD) Subgroup in Percent of Students Scoring At/Above Proficiency in Math. As a result of our partnership, NEE has exceeded the achievement of the State by **+27** percentage points ("A Reverse Gap") in 2007!



Subgroup Gap Analysis - Math

TWIN LAKES

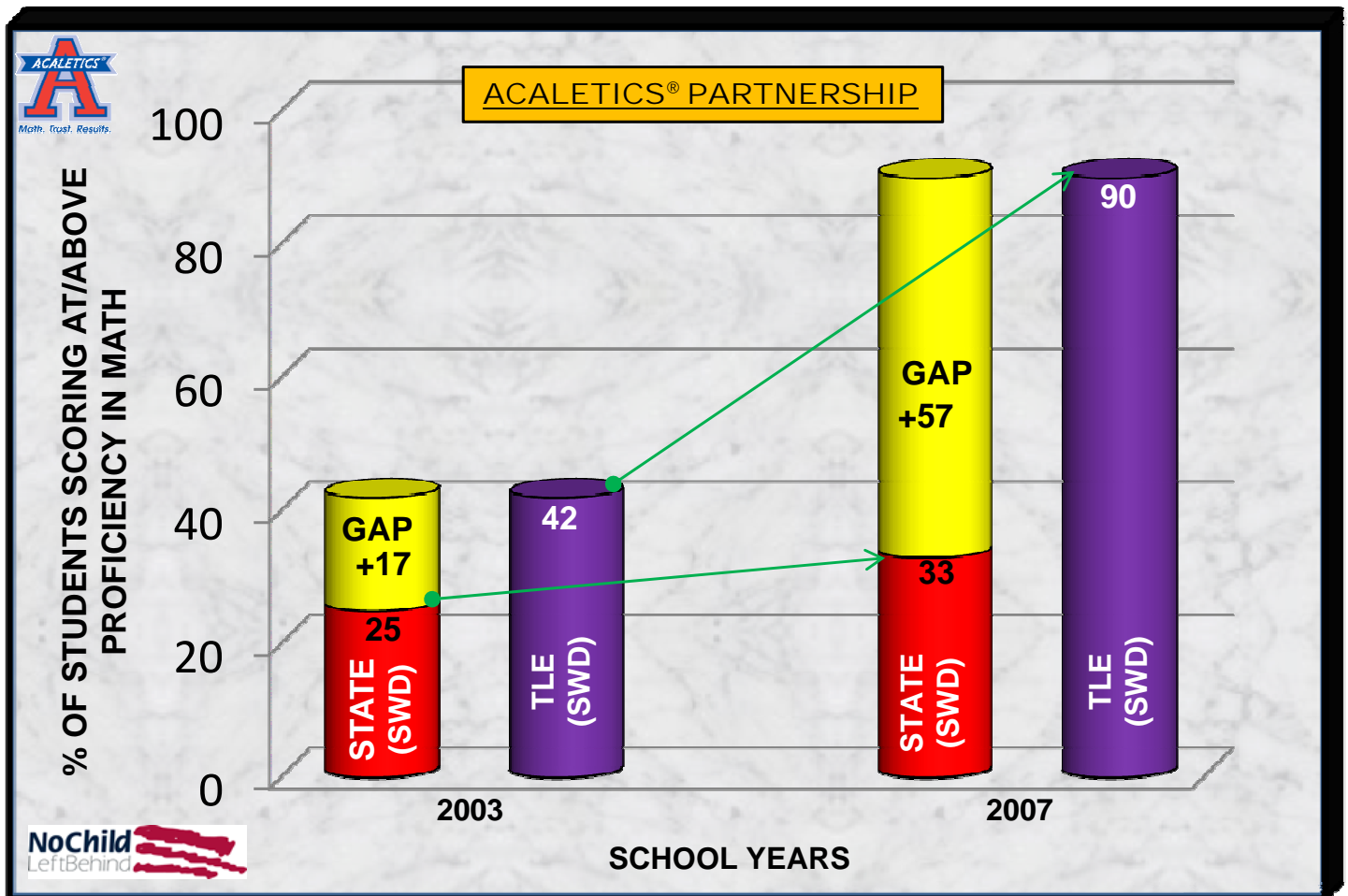
ELEMENTARY SCHOOL

2003 - 07 Adequate Yearly Progress (AYP)

State Average

(SWD) vs. Twin Lakes

Students With Disabilities (SWD)



Data Source: Florida Department of EDUCATION

Twin Lakes Elementary School (TLE):

- TLE has increased its Students with Disabilities by **+48** percentage points in its Percent of Students Scoring At/Above Proficiency in Math from 2003 to 2007!
- In 2003, TLEs Students with Disabilities subgroup was above (+17 percentage points) the State (SWD) Subgroup in Percent of Students Scoring At/Above Proficiency in Math. During the five year **ACALETICS®** partnership, TLE increased the achievement gap above the State to **+57** percentage points in 2007!



Subgroup Gap Analysis - Math

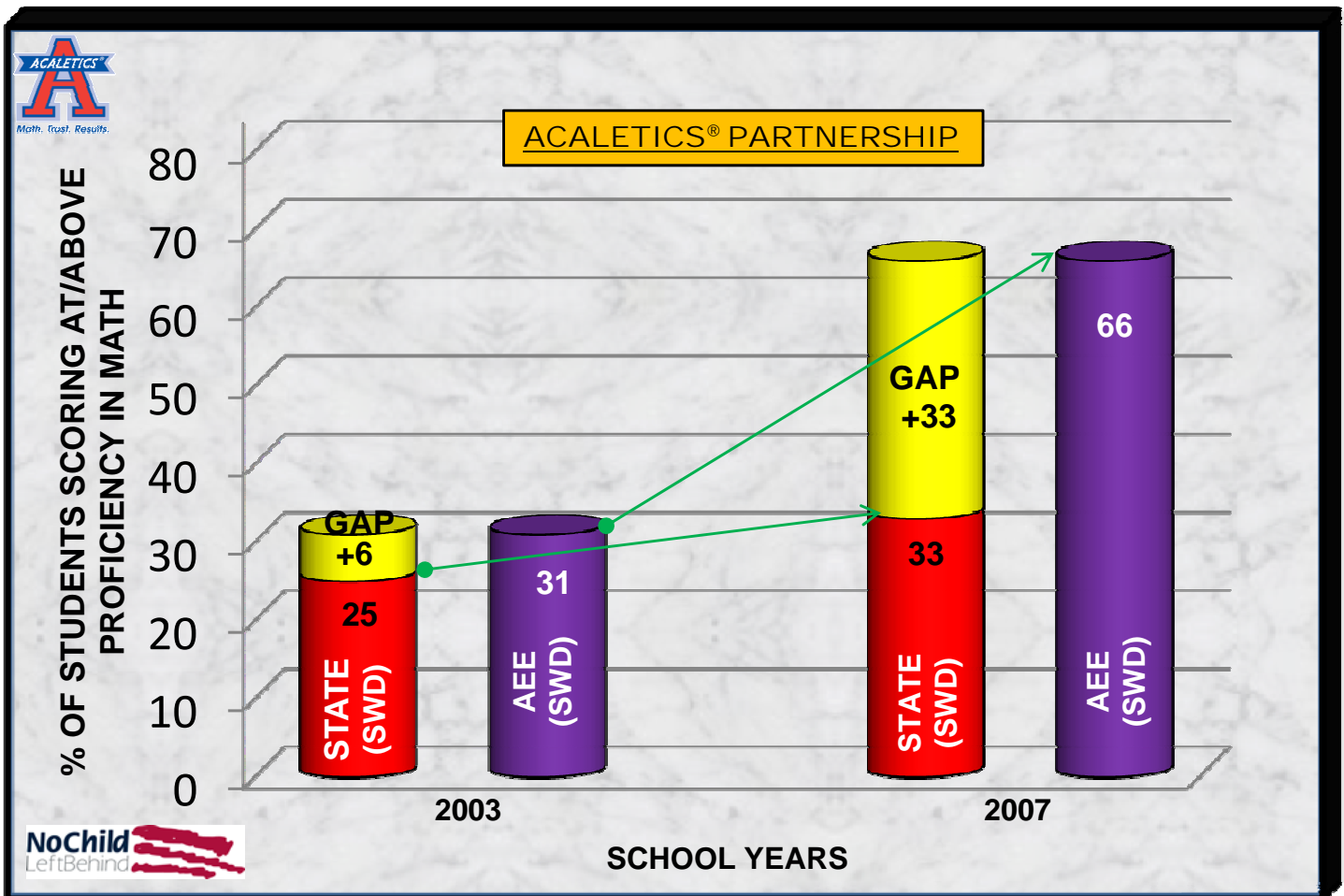
AMELIA EARHART ELEMENTARY SCHOOL

2003 - 07 Adequate Yearly Progress (AYP)

State Average

(SWD) vs. Amelia Earhart

Students With Disabilities (SWD)



Data Source: Florida Department of EDUCATION

Amelia Earhart Elementary School (AEE):

- AEE has increased its Students with Disabilities by **+35** percentage points in its Percent of Students Scoring At/Above Proficiency in Math from 2003 to 2007!
- In 2003, AEEs Students with Disabilities subgroup was above (+6 percentage points) the State (SWD) Subgroup in Percent of Students Scoring At/Above Proficiency in Math. During the five-year **ACALETICS®** partnership, AEE increased the achievement gap by **+33** percentage points in 2007!

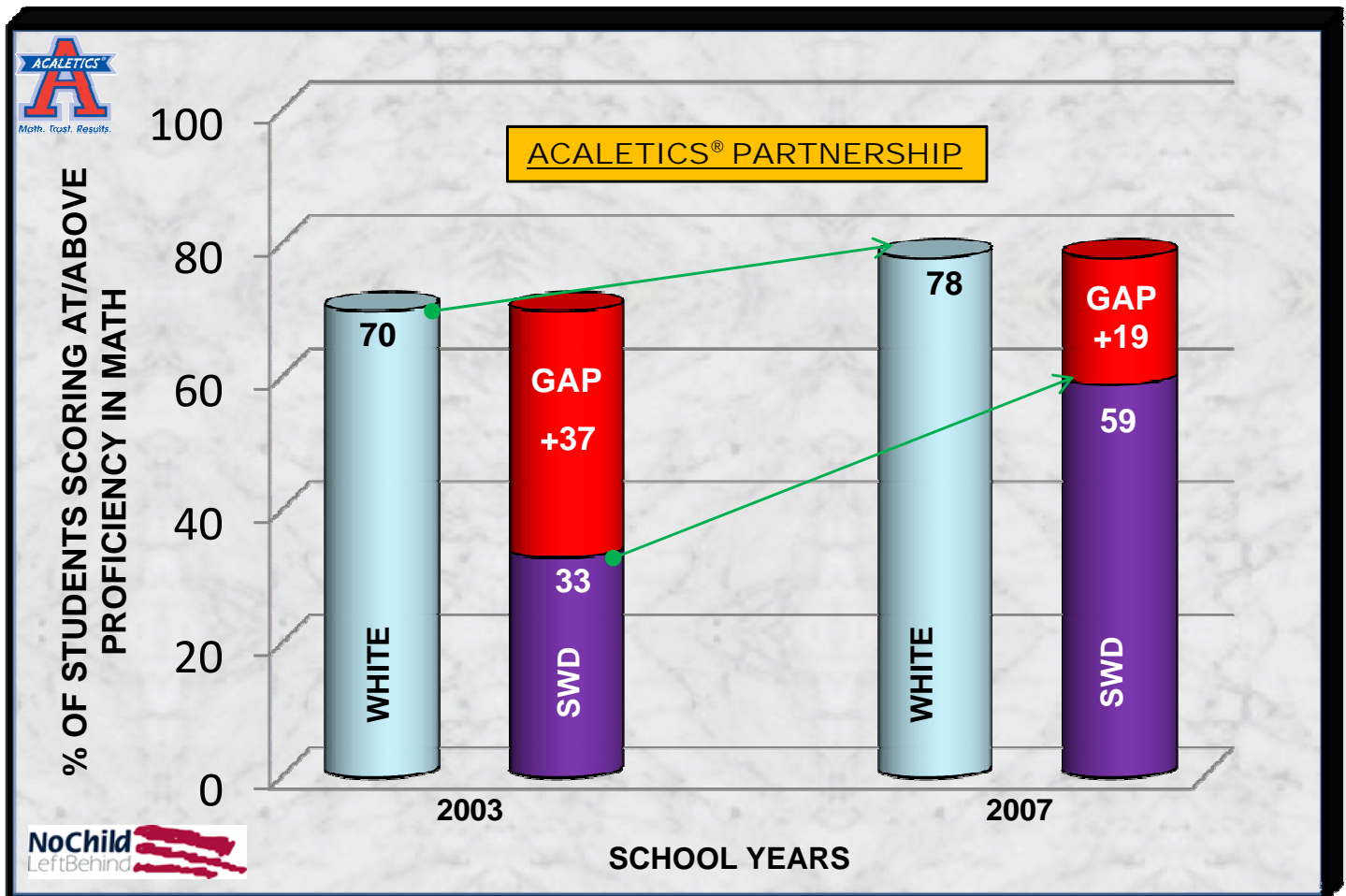


Subgroup Gap Analysis - Math

STANTON-WEIRSDALE ELEMENTARY SCHOOL

2003 - 07 Adequate Yearly Progress (AYP)

White vs. Students With Disabilities (SWD)



Data Source: Florida Department of EDUCATION

Stanton-Weirsdale Elementary School (SWE):

- SWE has increased its Students with Disabilities by **+26** percentage points from 2003 to 2007!
- In 2003, SWEs Students with Disabilities subgroup was significantly below (-37 percentage points) its White Subgroup in Percent of Students Scoring At/Above Proficiency in Math. As a result of our partnership, SWE has closed the achievement gap by **+24** percentage points in 2007!

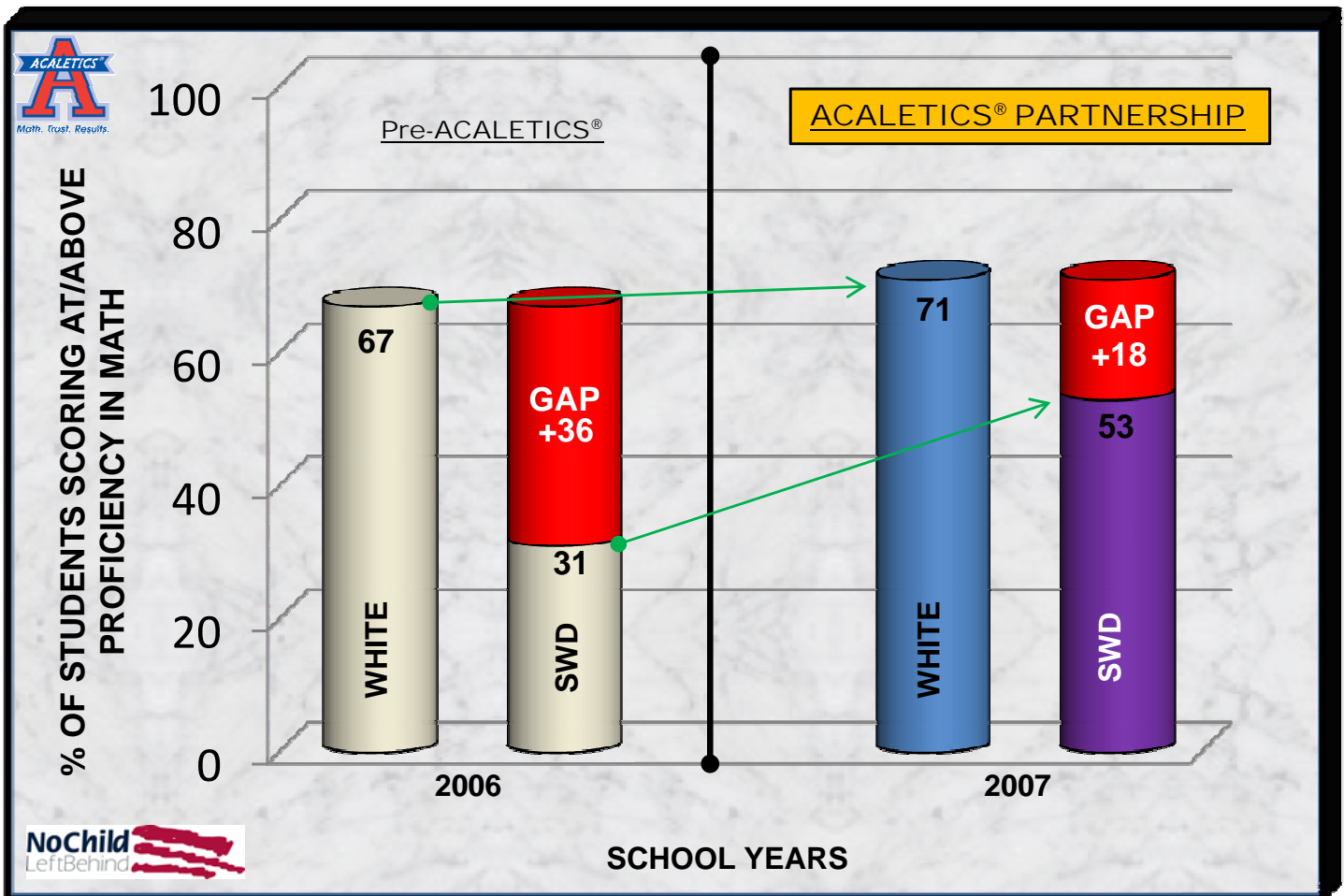


Subgroup Gap Analysis - Math

EAST MARION ELEMENTARY SCHOOL

2006 - 07 Adequate Yearly Progress (AYP)

White vs. Students With Disabilities (SWD)



Data Source: Florida Department of EDUCATION

East Marion Elementary School (EME):

- EME has increased its Students with Disabilities subgroup Percent Scoring At/Above Proficiency by +22 percentage points from 2006 to 2007!
- In 2006, EMEs Students with Disabilities subgroup was significantly below (-36 percentage points) its White Subgroup in Percent of Students Scoring At/Above Proficiency in Math. During the one year **ACALETICS**[®] partnership, EME closed the achievement gap by +18 percentage points in 2007!



Key Components

- **Results & Researched-based Practices/Strategies**
- **Customized Curriculum Maps / Curriculum Integration Plans**
- **Quik-Piks®: Multi-Stranded Supplemental, Instructional Materials**
- **Administrative Strategies Sessions for School Administrators**
- **Customized Onsite Staff Development/Instructional Modeling**
In-class Demonstrations/Instructional Exchange Sessions/Data Review Sessions
- **Ongoing Assessments/Progress Monitoring**
- **Holiday Packages**
- **Interactive Parental Workshops (optional)**