

**ACALETICS®**

**Middle  
and**

**Secondary Schools**



*Math Achievement, Made Easy!™*

**2007-2017**

**ACALETICS® Math Partnerships**

# About ACALETICS®

Founded in 1985, ACALETICS is a system of research-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 400 schools and more than 400,000 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-domain 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

**“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

- From 2009 to 2017, the estimated total Florida Schools Recognition Program Award during the Bok Academy-ACALETICS® partnership was **\$446,302**. (See Exhibit #1 – Page 2)
- In terms of FSA - Math Components % Change (2016 to 2017), *Carver & Meadowbrook Middle outperformed 100% of Orange County’s traditional middle schools*. (See Exhibit #2 – Page 3)
- Antonio Alves, Math teacher at Lincoln Middle School, an ACALETICS® partner, received the Governor’s 2017 Shine Award presented to Outstanding Florida Educators. (See Exhibit #3 – Page 4)
- Abria J. Harris, Pre-Algebra and Algebra I teacher at Havana Middle School, an ACALETICS® partner, received the Governor’s 2016 Shine Award presented to Outstanding Florida Educators. (See Exhibit #4 – Page 5)
- For the 2015 School Year, *Bok Academy* was ranked **#1** and *Havana Middle School* was in the **Top 20%** for their *FSA Mathematics Achievement* among 289 Title 1 Middle Schools in the state. (See Exhibit #5 – Page 6)
- For the 2015 School Year, *Pembroke Pines Charter Middle School* and *Bok Academy* were in the **Top 10%** for their *FSA Mathematics Achievement* among 584 Middle Schools in the state. (See Exhibit #6 – Page 7)
- In 2009, ACALETICS® partner, Pines Charter Middle was awarded the National Blue Ribbon School Award. (See Exhibit #7 – Page 8)
- Northwestern Middle partnered with ACALETICS® to take its % At or Above Proficiency on the Algebra EOC from 58% to 100% in 2013. (See Exhibit #8 – Page 9)
- The average percent of students passing the Grade 5 FCAT 2.0 Math from Bok Academy’s feeder schools was 54% in 2013. Despite this challenging baseline, in 2014, 87% of Bok Academy's Grade 6 students passed the FCAT 2.0 in Math. (See Exhibit #9 – Page 10)
- In 2014, three Middle Schools that partnered with ACALETICS® were in the Top 10 for their Math Composite Change. (See Exhibit #10 – Page 11)
- Former ACALETICS® partner Dr. Bridget Williams, principal of Jones High School, was a recipient of the 2012 Council of Great City Schools’ Annual Queen Smith Award. She is currently Area Superintendent in Orange County. (See Exhibit #11 – Page 12)
- Jones High School partnered with ACALETICS® from 2007 to 2010. In 2006, Jones High School had 29% Scoring Level 3 and Above for its 10<sup>th</sup> graders. By 2010, they had improved to 58%, an improvement of **+29** percentage points. In 2006, Jones High School had 39% Scoring Level 3 and Above for its 9<sup>th</sup> graders. By 2010, they had improved to 45%, an improvement of **+09** percentage points. (See Exhibit #12 – Page 13)
- ACALETICS® Key Components: Refer to *Page 14*.

***Bok Academy-ACALETICS<sup>®</sup> Partnership  
2009 to 2017  
Florida School Recognition Program***



Since its inception, Bok Academy has been an ACALETICS<sup>®</sup> partner. From 2009 to 2017 an estimated total of \$446,302 has been awarded under the Florida School Recognition Program. In 2017, Bok Academy was ranked #1 among Title 1 middle schools in Polk County for its Math Component Percent (Average of Math Achievement, Math Learning Gains and Math Lowest 25% Learning Gains).



## 2016 to 2017 FSA – Math Components % Change Ranking (Orange County Middle Schools)

In terms of FSA - Math Components % Change (2016 to 2017), Carver & Meadowbrook Middle **outperformed 100%** of Orange County's traditional middle schools. (See chart below.)

**Math Components % = Average of Math Achievement, Math Learning Gains and Math Lowest 25% Learning Gains**

**Carver & Meadowbrook Middle Schools (2017 ACALETICS® Partners)**

2017 District Rank	School Name	(2016) Math Achievement	(2016) Math Learning Gains	(2016) Math Lowest 25% Learning Gains	(2016) Math Components Percent	(2017) Math Achievement	(2017) Math Learning Gains	(2017) Math Lowest 25% Learning Gains	(2017) Math Components %	Math Component % Change (2016 to 2017)
1	*CARVER MIDDLE	22	31	26	26	35	62	57	51	+25
2	*MEADOWBROOK MIDDLE	26	41	38	35	37	57	56	50	+15
3	SOUTHWEST MIDDLE	60	52	38	50	63	64	54	60	+10
4	*SOUTH CREEK MIDDLE	50	46	33	43	53	56	46	52	+09
5	CHAIN OF LAKES MIDDLE	46	44	38	43	49	55	50	51	+08
5	MAITLAND MIDDLE	66	54	35	52	68	61	50	60	+08
7	SUNRIDGE MIDDLE	79	65	55	66	79	73	66	73	+07
7	GOTHA MIDDLE	61	53	43	52	59	59	60	59	+07
9	GLENRIDGE MIDDLE	67	66	48	60	70	70	57	66	+06
10	LAKE NONA MIDDLE	77	70	60	69	81	72	69	74	+05
11	*ROBINSWOOD MIDDLE	29	40	44	38	33	50	44	42	+04
11	*JACKSON MIDDLE	44	46	40	43	47	49	44	47	+04
11	BRIDGEWATER MIDDLE	74	65	58	66	75	74	62	70	+04
14	LEGACY MIDDLE	49	48	43	47	47	53	49	50	+03
14	*WALKER MIDDLE	42	49	46	46	43	56	49	49	+03
14	*LIBERTY MIDDLE	35	35	29	33	35	40	33	36	+03
17	HUNTERS CREEK MIDDLE	79	68	63	70	79	72	66	72	+02
17	CONWAY MIDDLE	51	58	52	54	53	56	58	56	+02

\*Title 1 schools are indicated with an “\*”.

Note: Ocoee Middle was excluded from this chart due to a lack of data.

**Analysis Date: 06-30-17**

Data Source: Florida Department of Education



***Congratulations to Shine Award Winner Antonio Alves!***

FEBRUARY 1, 2017 2:09 PM

**BRADENTON HERALD**

**Lincoln Middle School teacher to receive some ‘shine’ from governor**

BY RYAN MCKINNON

MANATEE Lincoln Middle School **math teacher**

Antonio Alves will receive a Governor’s Shine Award from Gov. Rick Scott at a Tallahassee ceremony next week. Alves has taught at the Manatee County middle school since August 2014.

Governor’s Shine Awards honor teachers and administrators who make a substantial impact to the field of education in the state, according to a press release from the School District of Manatee County. **Alves, who has taught at Lincoln since August 2014, has been designated as a “High Impact Teacher” based on his value-added measurement scores. The VAM score measures how much a student learned in a year as compared to the state average.**

Alves will be presented with the award during a meeting of the Florida Cabinet at 9 a.m. Feb. 7 at the Florida State Capitol. Alves confirmed he will attend the ceremony.

- ACALETICS® Team

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# Governor Scott Presents Shine Awards to Six Outstanding Florida Educators

*On March 2, 2016, in News Releases, by Staff*

**TALLAHASSEE, Fla.** – Today, during a meeting of Florida’s Cabinet, Governor Rick Scott recognized six outstanding educators with the Governor’s Shine Awards. The Shine Award is presented to teachers and administrators in Florida who make significant contributions to the field of education.

Governor Rick Scott said, “Florida’s hardworking teachers have helped our state become one of the best places in the nation for students to get a great education and be prepared for jobs in the global market place. I am honored to recognize six outstanding educators today with the Governor’s Shine Awards for providing students with every opportunity to succeed in the classroom.”

The following six teachers were awarded the Governor’s Shine Award:

**Darlene Jackson, Bay County** – Jackson teaches VPK at Cedar Grove Elementary incorporates the latest techniques in preschool teaching in her classroom and her mission is to guide parents through the learning process so they can support their children.

**Kesia Blenn Milner, Bay County** – Milner teaches K-5 Art at Springfield Elementary and was named the school’s 2015 Teacher of the Year. She organizes “Fine Arts Night” for students to display their artwork at school, and she has also painted murals throughout campus. Milner volunteers as a board member in a non-profit youth football program.

**Abria J. Harris, Gadsden County** – Harris teaches Pre-Algebra and Algebra I at Havana Magnet School. He was named Rookie Teacher of the Year in 2014 at Havana Middle School and in 2015 at Havana Magnet School. This year, he was named the Gadsden County School District’s Rookie Teacher of the Year. All of Harris’ Algebra I students also passed the 2015 spring administration of the Algebra I End- of- Course Assessment.

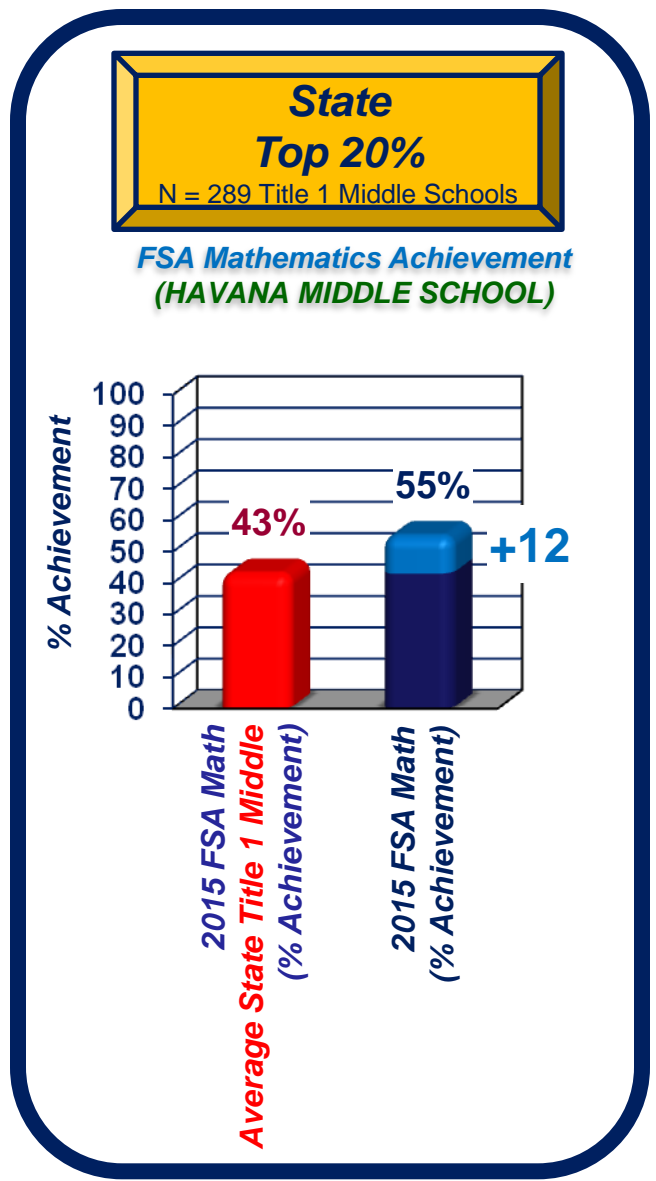
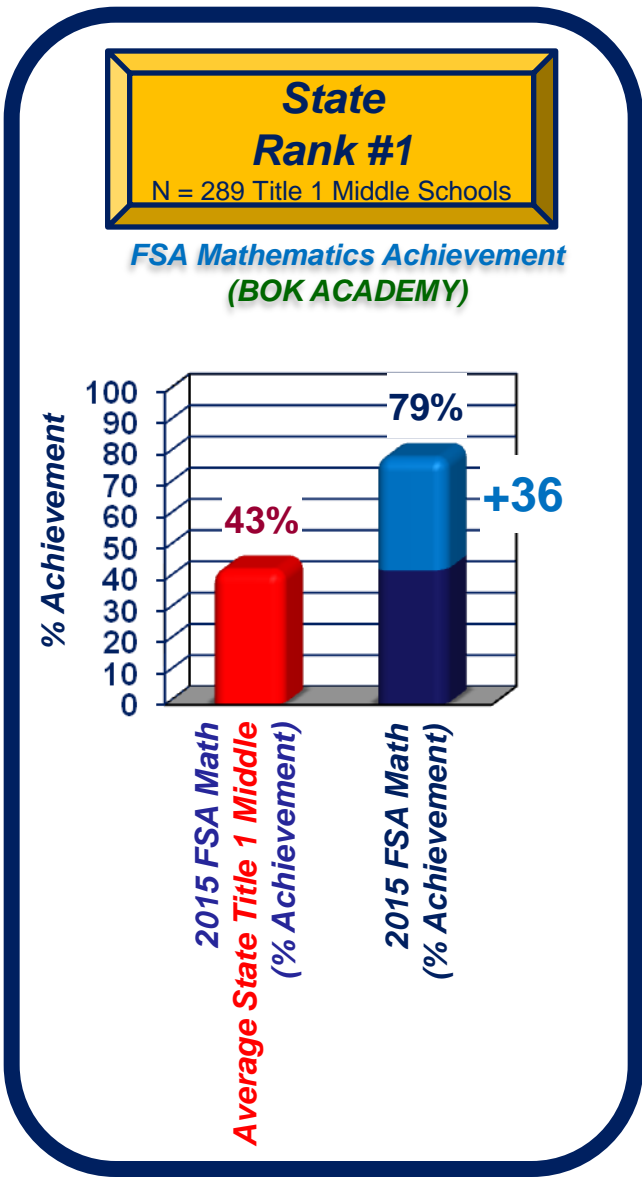
**Erica Farmer, Gadsden County** – Farmer teaches US History and US History Honors at East Gadsden High School and coordinates the school’s after-school program. She was selected as Rookie Teacher of the Year in 2006 and Gadsden’s Teacher of the Year in 2011 and 2016. Erica is a member of the Faculty Leadership Team, the Faculty Advisor for Student Government Association, and a mentor to beginning teachers and at-risk students.

**Stephanie Shelton, Santa Rosa County** – Shelton has been a teacher for 20 years and currently teaches Head Start/VPK at T.R. Jackson Pre-Kindergarten Center. She was named the school’s 2016 Teacher of the Year.

**Deborah Taylor, Santa Rosa County** – Taylor teaches Head Start/VPK at Central School and incorporates real-life experiences seen in the community to teach her students.

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# 2015 Top Performance (Title 1 Middle Schools) FSA Mathematics Achievement

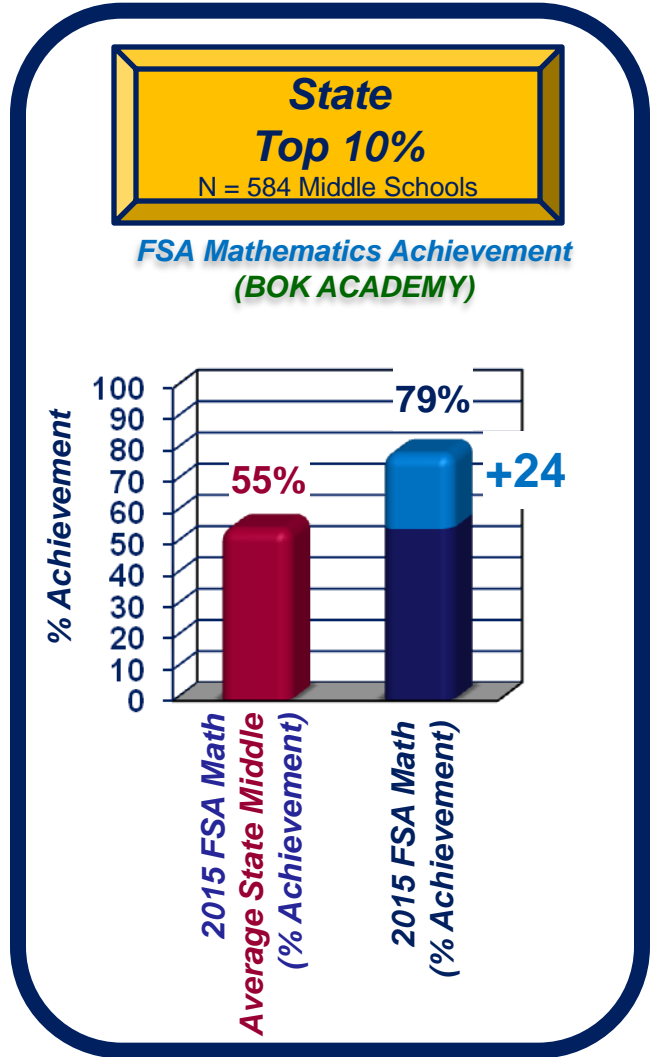
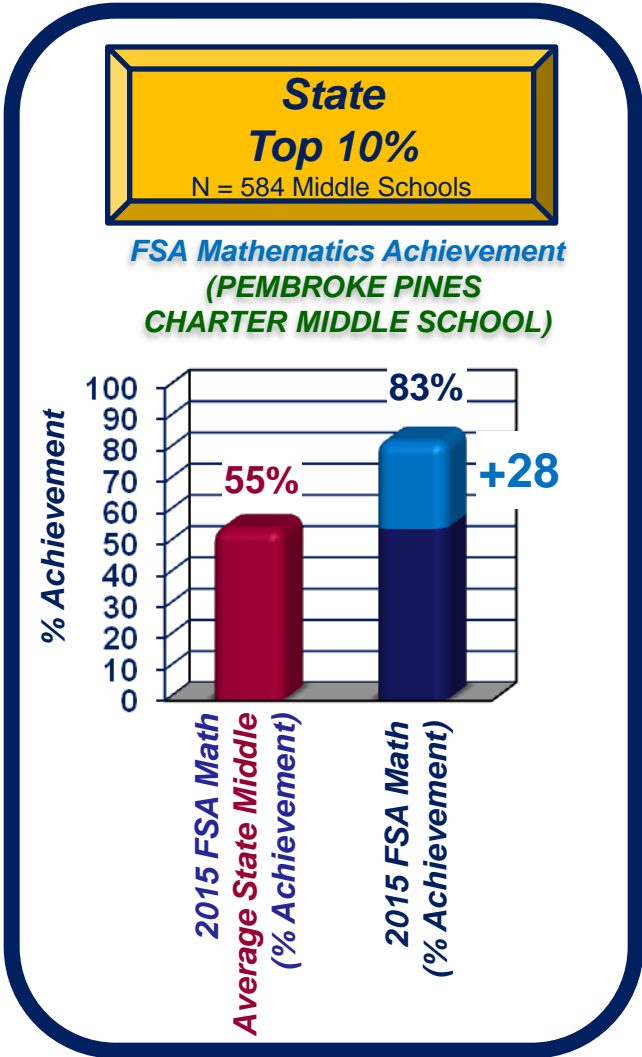


For the 2015 School Year, *Bok Academy* was ranked #1 out of 289 Title 1 middle schools for its *FSA Mathematics Achievement*. Their 79% Math Achievement was +36 percentage points more than the average Title 1 middle school in the state.

For the 2015 School Year, *Havana Middle School* was in the Top 20% for its *FSA Mathematics Achievement* among 289 Title 1 middle schools in the state. Their 55% Math Achievement was +12 percentage points more than the average Title 1 middle school in the state.



# 2015 Top 10% Performance (Middle Schools) FSA Mathematics Achievement



For the 2015 School Year, *Pembroke Pines Charter Middle School* was in the **Top 10%** for its *FSA Mathematics Achievement* among 584 middle schools in the state. Their 83% Math Achievement was **+28** percentage points more than the average middle school in the state.

For the 2015 School Year, *Bok Academy* was in the **Top 10%** for its *FSA Mathematics Achievement* among 584 middle schools in the state. Their 79% Math Achievement was **+24** percentage points more than the average middle school in the state.



**City of Pembroke Pines  
 Charter Middle School  
 (West and Central)**



**NATIONAL BLUE RIBBON SCHOOLS PROGRAM <sup>1</sup>**

**Schools Recognized**

**2003 Through 2011**

<b>School Name</b>	<b>City</b>	<b>Year</b>
	<b>Florida</b>	
Calusa Elementary School	Miami	2009
Carrollwood Day School	Odessa	2004
Cathedral Parish School	St. Augustine	2007
The Charter School of Excellence	Fort Lauderdale	2008
Christ the King Catholic School	Jacksonville	2010
Christ the King Catholic School	Tampa	2011
<b>City of Pembroke Pines Charter Middle School (West and Central)</b>	<b>Pembroke Pines</b>	<b>2009</b>

*U.S. Department of Education  
 2009 No Child Left Behind - Blue Ribbon Schools Program*

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**Type of School:** (Check all that apply)     Elementary     Middle     High     K-12     Other  
     Charter     Title I     Magnet  Choice

**Name of Principal:** Ms. Devarn M. Flowers

**Official School Name:** City of Pembroke Pines Charter Middle (West and Central)

**PART IV – INDICATORS OF ACADEMIC SUCCESS**

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**1. Assessment Results:**

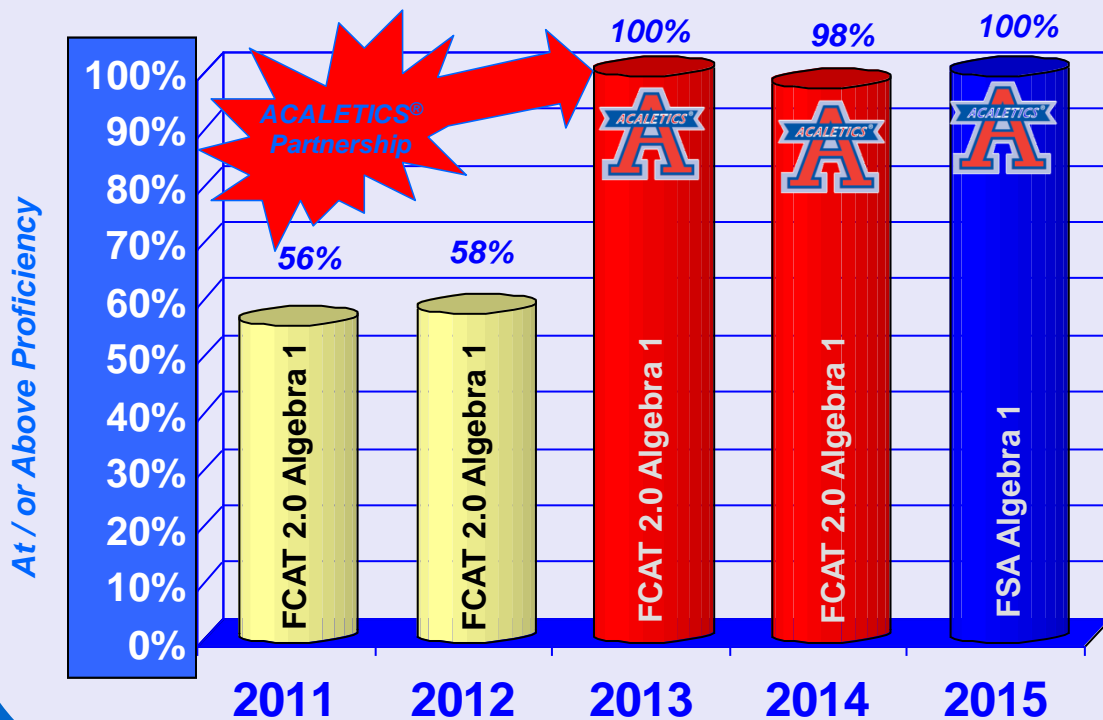
This growth trend in mathematics is observed each year at every grade level and sub-group with the greatest increase occurring from 2005 to 2007. In this data set, sixth graders in 2005 soared from 61% meeting high standards in mathematics to 85% in 2007 as eighth graders. **This 40% growth is attributed to the adoption in 2006 of a supplemental mathematics instructional program, Acaletics, the implementation of the school-wide instructional focus calendar, and a highly qualified instructional team.**

# ALGEBRA: AMAZING RESULTS!

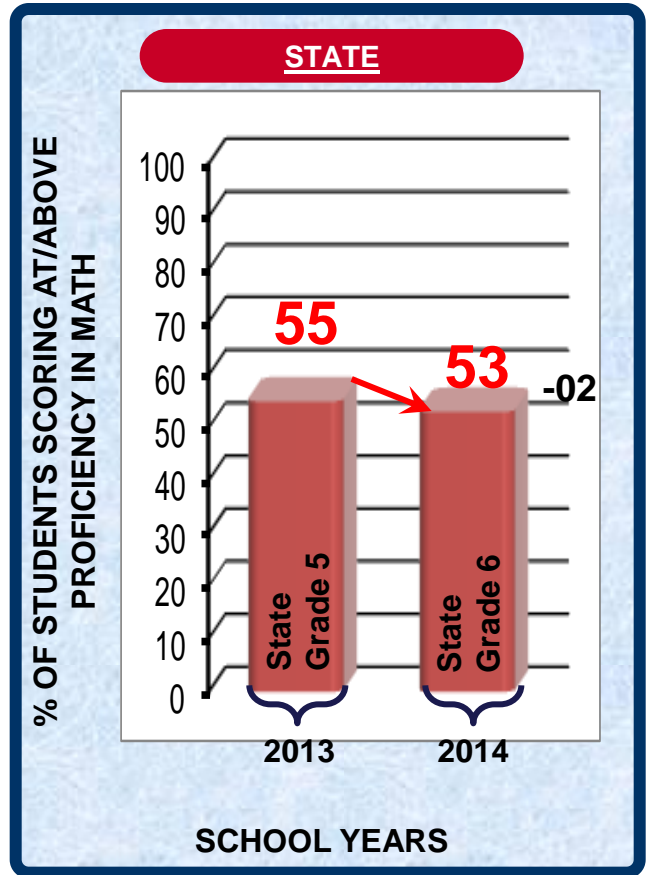
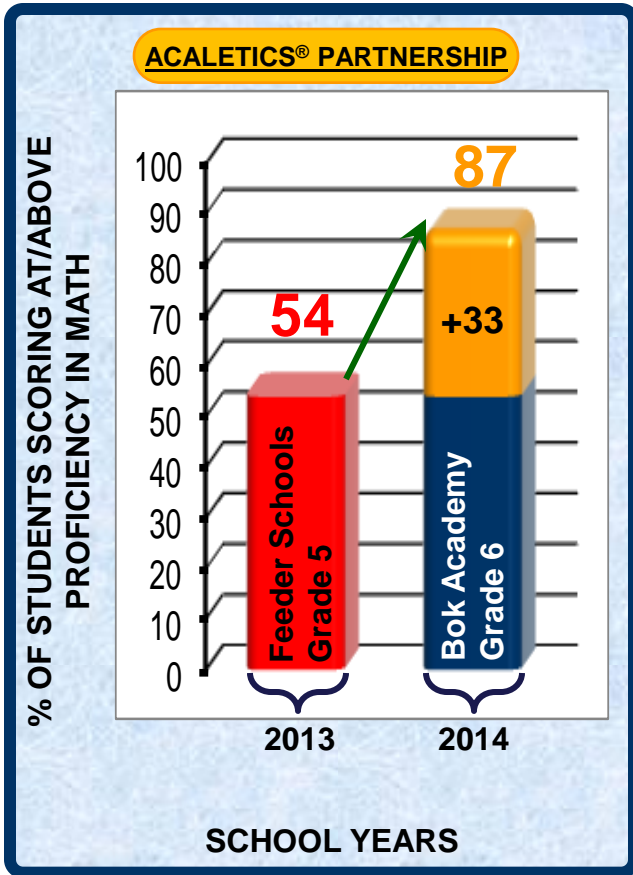
## Breakthrough: Northwestern Middle Achieves Perfection

For 2 years in a row, Northwestern Middle was in the 50's for its percent of students scoring at or above proficiency on the state's Algebra Assessment. **2013 was a breakthrough year.** Not only did **Northwestern Middle improve their score by 72%**, they achieved **perfection**. In 2013, **100%** of the students taking the Algebra Assessment scored **at or above proficiency**.

*Duval County Algebra 1 Pilot  
Northwestern Middle Algebra EOC Scores (2011-2015)*



## Diagonal Growth Index (DGI) Feeder Schools Grade 5 (2013) vs. Bok Academy Grade 6 (2014) Percentage Passing FCAT 2.0 Math



Data Source: *Florida Department of EDUCATION*

### Bok Academy:

- The average percent of students passing the Grade 5 FCAT 2.0 Math from Bok Academy's feeder schools was 54% in 2013. Despite this challenging baseline, in 2014, 87% of Bok Academy's grade 6 students passed the FCAT 2.0 in Math. This was **+33** percentage point gains from 2013 Grade 5 feeder school performance to Bok Academy's 2014 Grade 6 performance levels.
- In the state, the average percent of students passing the Grade 5 FCAT 2.0 Math in 2013 versus the Grade 6 students (same cohort) in 2014 decreased (-2 percentage points).

## 2014 Florida Top 10 FCAT 2.0 Math Composite Growth (2013 Math Composite vs. 2014 Math Composite) Traditional Middle Schools

**Math Composite = Math % Satisfactory or Higher + Math Points for Gains  
+ Math Gains for Low 25%**

**Math Composite Change (2013 vs. 2014) = 2014 Math Composite – 2013 Math Composite**

*Highlighted Schools Partnered with ACALETICS®*

**N = 490 Traditional Florida Middle Schools**

Rank	District Name	School Name	2013 Math Composite	2014 Math Composite	Math Composite Change (2013 vs. 2014)
<b>1</b>	<b>BROWARD</b>	<b>BAIR MIDDLE SCHOOL</b>	<b>131</b>	<b>203</b>	<b>+72</b>
2	DADE	MIAMI EDISON MIDDLE SCHOOL	177	248	+71
3	SANTA ROSA	HOBBS MIDDLE SCHOOL	157	219	+62
<b>4</b>	<b>GADSDEN</b>	<b>HAVANA MIDDLE SCHOOL</b>	<b>171</b>	<b>231</b>	<b>+60</b>
5	BROWARD	GULFSTREAM MIDDLE SCHOOL	154	213	+59
<b>6</b>	<b>GADSDEN</b>	<b>JAMES A. SHANKS MIDDLE SCHOOL</b>	<b>121</b>	<b>177</b>	<b>+56</b>
7	POLK	LAWTON CHILES MIDDLE ACADEMY	191	241	+50
8	ESCAMBIA	ERNEST WARD MIDDLE SCHOOL	141	187	+46
9	ST. JOHNS	SWITZERLAND POINT MIDDLE SCHOOL	223	268	+45
10	DADE	GLADES MIDDLE SCHOOL	172	216	+44

In 2014, three Middle Schools that partnered with ACALETICS® were in the Top 10 in the state for their Math Composite Change. Bair Middle School was ranked #1 for its Math Composite Change of +72. Havana Middle School was ranked #4 for its Math Composite Change of +60. James A. Shanks Middle School was ranked #6 with a Math Composite Change of +56.

## **Dr. Bridget Williams Awarded Prestigious 2012 Annual Queen Smith Award for Commitment to Urban Public Education**

Orange County Public Schools

West Area Superintendent Dr. Bridget Williams is the winner of the 2012 Queen Smith Award. The Queen Smith Award for Commitment to Urban Education was established in October 1998 in celebration of Smith's unwavering commitment to children, her community, and her church.

Dr. Williams was nominated by colleagues within Orange County Public Schools (OCPS). She is currently dually serving as West Area Superintendent and Associate Superintendent for Specialized Student Support. Next month she will transition to the single role of West Area Superintendent.

Dr. Williams began her OCPS career in 1990 as a math teacher and moved into the administrative ranks fairly quickly. By 2006-2007, she was the principal at Jones High School. In four years, Dr. Williams led her team at Jones from a low-performing school to a high-performing grade of B (seven points shy of an A). The plan she instituted also lowered the dropout rate at Jones from 12.2 percent to 0.03 percent.

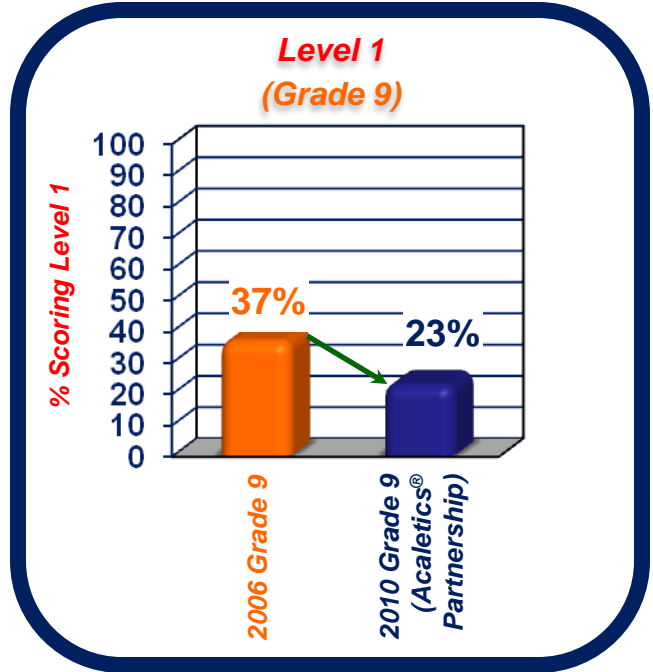
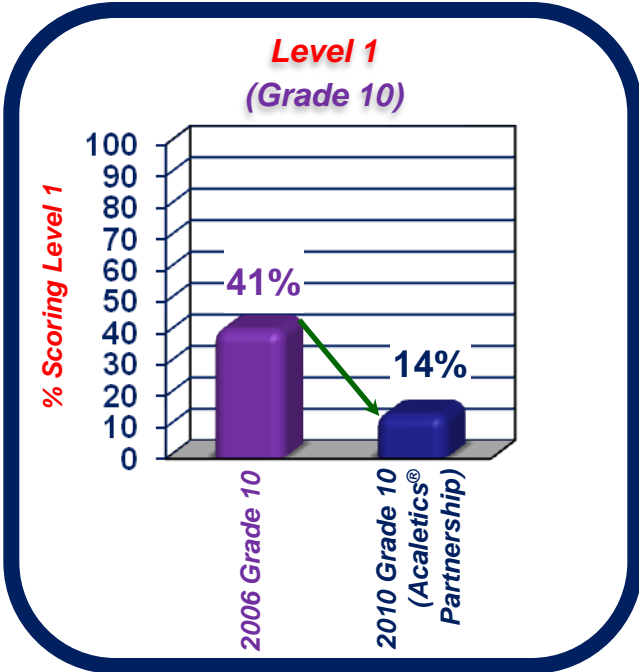
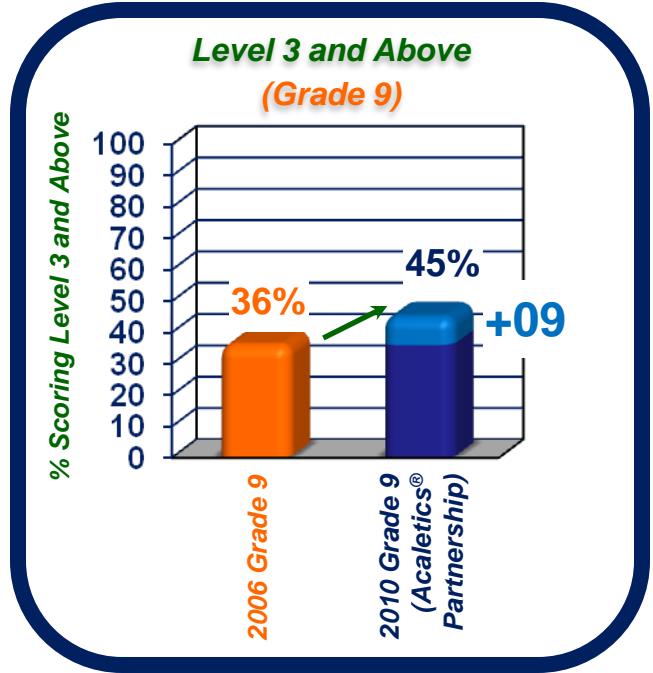
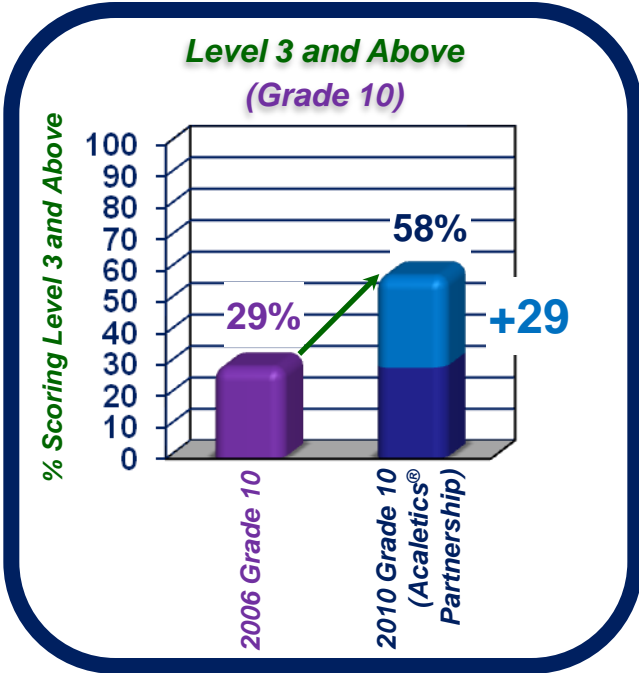
**(Note: ACALETICS per the referral of Ms. Pam Stewart, current Florida Commissioner of Education, partnered with Jones High School during this period to improve the math achievement.)**

A coworker at OCPS said of Williams, "As principal of Jones High School, Bridget left a permanent mark on the entire community. She is a highly-recognized and respected educator with faith-based and business leaders ... most recently, Bridget coordinated a summer-school collaboration between the City of Orlando and Orange County Public Schools that extended summer tutoring beyond school walls into city recreational centers. The program was such a big success that the city and the district are in negotiations to continue this partnership year round."

Dr. Williams will be awarded a \$2,000 check and a plaque honoring her significant contributions to education. The presentation will be October 19, 2012 at the Council of the Great City Schools 56th Annual Fall Conference, in Indianapolis, Indiana.

The award's namesake, Queen Smith, joined Macmillan/McGraw-Hill School Publishing Company in June 1989. During the last several years of her life, she was a major presence in the Council of the Great City Schools and was Chair of the Urban Education Technology Forum (UETF) section of the Council. She was also active in the National Alliance of Black School Educators.

## Jones High School (Orange County) FCAT Classic - Math Performance Improvement (2007 to 2010 ACALETICS® Partnership)



Jones High School partnered with ACALETICS® from 2007 to 2010. In 2006, Jones High School had 29% Scoring Level 3 and Above for its 10<sup>th</sup> graders. By 2010, they had improved to 58%, an improvement of **+29** percentage points. In 2006, Jones High School had 36% Scoring Level 3 and Above for its 9<sup>th</sup> graders. By 2010, they had improved to 45%, an improvement of **+09** percentage points. During this period, Jones High School was also able to dramatically decrease the percent of students scoring Level 1. By 2010, only 23% of 9<sup>th</sup> graders scored Level 1. Grade 10 was even lower with only 14% scoring Level 1.



## VALUE PROPOSITION:

The ACALETICS® **Value Proposition**, which sets us apart from other educational firms, is that we provide 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, and
- 3) Subgroup Achievement Gap Closure/Elimination/(Gap Reversal).

## ACALETICS® 4 Key Components – EDU-neering<sup>SM</sup>

### Professional Development

**The Special Venue:** In the CLASSROOM!!!!

with **REAL Students, Your Students!**

### Differentiated Consultation (DC)

One Size Does **Not** Fit All:

There are Different **Bright Spots** in every school to be **IDENTIFIED & LEVERAGED**.

### Standards-aligned Supplemental Materials

Our effective “**process**” is embedded in our materials!

We **SUPPORT** our Supplemental Materials/Support Tools with our customized Online Math Portal, ongoing onsite visits and **800#**. With our 800#, you will receive a call back from a Consultant **within 24 hours!**

### Parent & Student Engagement Services

Customized Online Math Portal

Math Club<sup>SM</sup> within Every Classroom – An **NFL** Environment

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

Incentive Packages for Students