

Orange County Public Schools (OCPS)

ACALETICS®

Evidence of Effectiveness

and

Successful Florida Partnerships



Math Achievement, Made Easy!™

2009-2017

ACALETICS® Math Partnerships

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

- In 2017, STO ACALETICS® Partner Schools **reversed the achievement gap** with Orange County Traditional Elementary Schools. (See [Exhibit #1 – Page 1](#))
- 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 2](#))
- During the 2014 School Year, 7 out of 9 schools that partnered with ACALETICS® received funds under the Florida Schools Recognition Program for improving at least one performance grade. (See [Exhibit #3 – Page 3](#))
- There were 5 ACALETICS® schools in the Top 25, for schools with the highest Math Learning Gains Composite Change, from 2013 to 2014. (See [Exhibit #4 – Page 4](#))
- There were 2 ACALETICS® schools in the Top 20, for schools with the highest Math % Satisfactory Change, from 2013 to 2014. (See [Exhibit #5 – Page 5](#))
- There were 3 ACALETICS® schools in the Top 20, for schools with the highest Math Composite Change, from 2013 to 2014. (See [Exhibit #6 – Page 6](#))
- Current Commissioner of Education Pam Stewart during her term as principal partnered with ACALETICS® to take Reddick-Collier Elementary from an “F” to a “C” in one year. (See [Exhibit #7 – Page 7](#))
 - Based on a referral from Commissioner Pam Stewart, former Jones High School Principal Bridget Williams established a 4-year partnership with ACALETICS®. During this partnership, Dr. Williams led her team at Jones High School from a low-performing school to a high performing grade of B (seven points shy of an A). Dr. Williams is a recipient of the 2012 Council of Great City Schools’ Annual Queen Smith Award. She is currently a Region Superintendent in Orange County. (See [Exhibit #8 – Page 8](#))
- Ms. Kathryn Shuler, a current OCPS Associate Superintendent, successfully partnered with ACALETICS® as the Principal of Mollie Ray Elementary in 2008, going from an F to an A in a single year. During that year, Mollie Ray Elementary increased its % Meeting High Standards in Math by 30 percentage points. This was the highest increase among over 1,500 traditional elementary schools in the State. (See [Exhibit #9 – Page 9](#))
- ACALETICS® Value Proposition - ACALETICS® provides its clients with an extremely high Return On Investment (ROI). (See [Exhibit #10 – Page 10](#))





INCREDIBLE RESULTS: Gap Reversal!

Orange County - School Transformation Office (STO)
ACALETICS® Partners (5 Elementary Schools)
School Grade Improvements (2016 to 2017)

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

Highlights

- In 2017, STO ACALETICS® Partner Schools **reversed the achievement gap** with Orange County Traditional Elementary Schools. (See Chart 1.)
- Five out of five (**100%**) STO ACALETICS® Partner Schools achieved at least a “C” in 2017. A dramatic improvement compared to 2016 when four out of the five schools (80%) received a (“D” or “F”). (See Chart 2.)
- Three out of five (**60%**) STO ACALETICS® Partner Schools improved 2 letter grades (2 “D” to “B” and 1 “F” to “C”). (See Chart 2.)
- In addition, STO ACALETICS® Partner Schools accounted for three out of five (**60%**) Orange County Traditional Elementary Schools that improved 2 letter grades. (See Chart 2.)

Chart 1

School Group	2016 Average Math Components Percent	2017 Average Math Components Percent	Average-Math Components Percentage Point Change (2017 versus 2016)
Orange County - STO ACALETICS® Partners (5 Schools)	34 (D)	59 (B)	+25
Orange Traditional Elementary Schools (Non-ACALETICS® Partners)	42 (C)	58 (B)	+16
Difference (ACALETICS® versus Non-ACALETICS®)	-08	+01 (Gap Reversal!)	+09

Chart 2

Note: ACALETICS® Partners highlighted in green.

School Name	(2016) Math Achievement (A)	(2016) Math Learning Gains (B)	(2016) Math Lowest 25% Learning Gains (C)	(2016) Math Components Percent (D)	(2017) Math Achievement (E)	(2017) Math Learning Gains (F)	(2017) Math Lowest 25% Learning Gains (G)	(2017) Math Components Percent (H)	Math Components Percentage Point Change (2016 to 2017) (H-D)	2016 School Grade	2017 School Grade
IVEY LANE ELEMENTARY	34	41	11	29	57	72	64	64	+35	D	B
ORLO VISTA ELEMENTARY	42	52	41	45	57	71	61	63	+18	C	B
ROCK LAKE ELEMENTARY	40	55	41	45	49	70	64	61	+16	D	B
ECCLESTON ELEMENTARY	19	23	23	22	43	69	62	58	+36	F	C
EAGLES NEST ELEMENTARY	35	31	26	31	48	56	50	51	+20	D	C

Data Source: FLDOE



Math Achievement, Made Easy!™

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

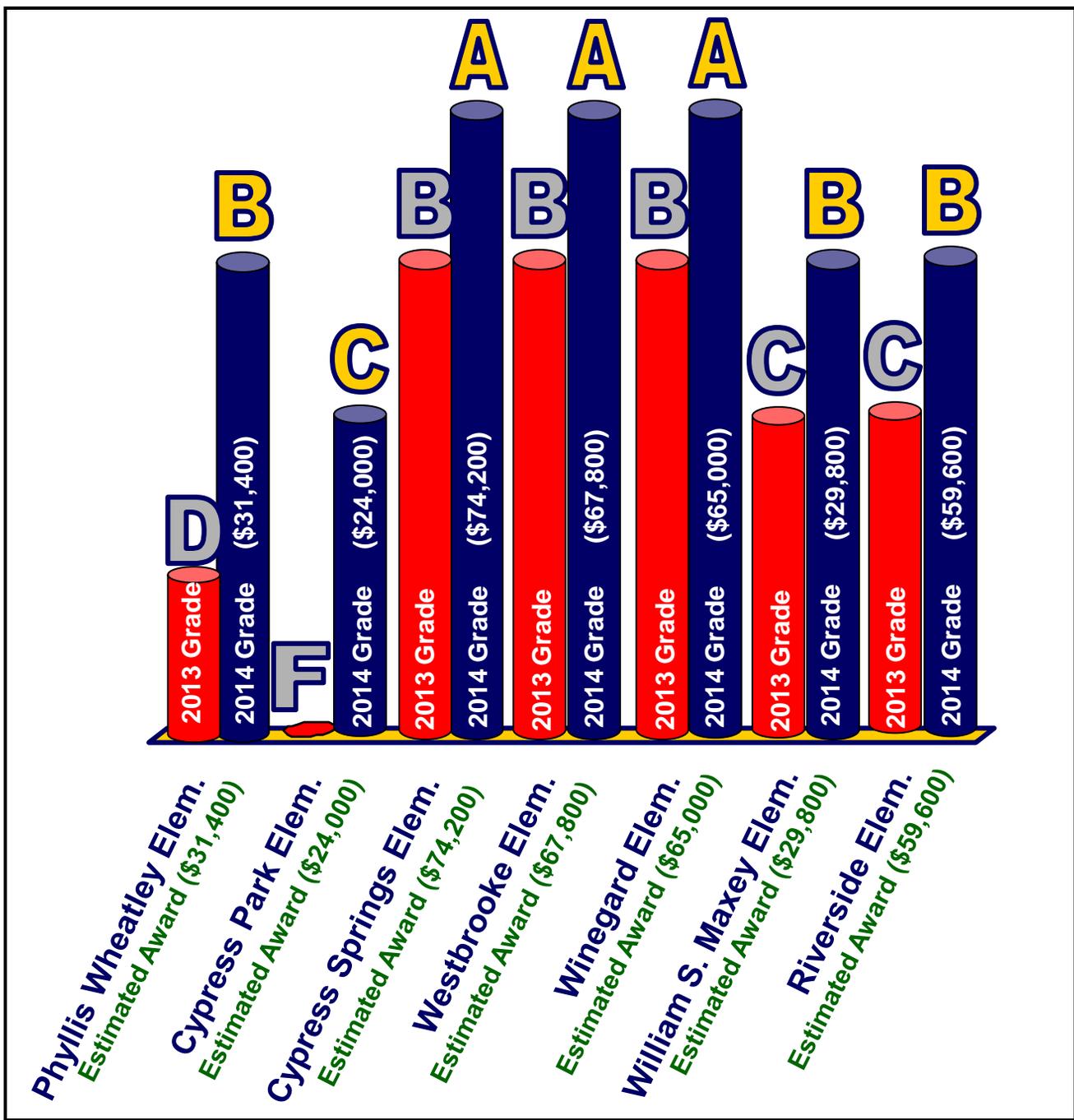
Title 1 schools are indicated with an “”.

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

Analysis Date: 07-17-17

Data Source: Florida Department of Education

2014 OCPS-ACALETICS® Partnerships Florida School Recognition Program



For the 2014 School Year, 78% of schools that partnered with ACALETICS® increased at least 1 letter grade. Whereas, only 53% of Orange County Elementary schools maintained an “A” or increased 1 letter grade or more from 2013.

FCAT 2.0 - Orange County – Top 25 Rank (2013 to 2014) Math Learning Gains Composite Change

(The highlighted schools partnered with ACALETICS®.)

District Rank		(A) 2013 Math Gains	(B) 2013 Low 25% Math Gains	(C) 2013 Learning Gains Composite (A + B = C)	(D) 2014 Math Gains	(E) 2014 Low 25% Math Gains	(F) 2014 Learning Gains Composite (D + E = F)	(G) Learning Gains Composite Change (F - C = G)
1	PALMETTO ELEMENTARY	49	59	108	93	100	193	85
2	PHYLLIS WHEATLEY ELEMENTARY	58	48	106	90	85	175	69
3	WESTBROOKE ELEMENTARY	61	37	98	86	80	166	68
4	HILLCREST ELEMENTARY	45	45	90	84	73	157	67
5	WILLIAM FRANGUS ELEMENTARY	47	49	96	82	80	162	66
6	NORTHLAKE PARK COMMUNITY ELEMENTARY	61	50	111	89	85	174	63
7	ALOMA ELEMENTARY	44	25	69	64	66	130	61
7	EAGLES NEST ELEMENTARY	43	38	81	71	71	142	61
9	FERN CREEK ELEMENTARY	50	50	100	79	80	159	59
10	VENTURA ELEMENTARY	41	66	107	86	77	163	56
11	LAKE GEORGE ELEMENTARY	65	52	117	85	87	172	55
12	DEERWOOD ELEMENTARY	52	52	104	78	80	158	54
12	MEADOW WOODS ELEMENTARY	59	54	113	84	83	167	54
14	CITRUS ELEMENTARY	47	39	86	70	69	139	53
15	LAKE WHITNEY ELEMENTARY	69	63	132	94	88	182	50
16	CASTLE CREEK ELEMENTARY	61	52	113	83	78	161	48
16	JOHN YOUNG ELEMENTARY	61	50	111	81	78	159	48
18	RIVERSIDE ELEMENTARY	56	46	102	77	72	149	47
19	COLUMBIA ELEMENTARY	65	61	126	89	83	172	46
19	PINEWOOD ELEMENTARY	51	43	94	69	71	140	46
21	CONWAY ELEMENTARY	59	53	112	78	78	156	44
22	CHENEY ELEMENTARY	57	59	116	81	78	159	43
22	ENDEAVOR ELEMENTARY	59	55	114	76	81	157	43
24	WILLIAM S MAXEY ELEMENTARY	53	53	106	80	68	148	42
25	CYPRESS PARK ELEMENTARY	55	38	93	66	68	134	41

Data Source: Florida Department of Education

For the 2014 School Year, 5 schools partnering with ACALETICS® were in the Top 10% for their Learning Gains Composite Change. The Learning Gains Composite is the sum of Math Gains and Lowest 25% Math Gains. In addition, Phyllis Wheatley ranked #2 out of 123 schools in Orange County. Overall, Phyllis Wheatley ranked #26 in the State out of over 1,800 elementary schools.

FCAT 2.0 - Orange County – Top 20 Rank (2013 to 2014) Math % Satisfactory Change

(The highlighted schools partnered with ACALETICS®.)

District Rank	School Name	(A) 2013 Math % Satisfactory or Higher	(B) 2014 Math % Satisfactory or Higher	(C) % Satisfactory or Higher Change (B – A = C)
1	PALMETTO ELEMENTARY	22	54	32
2	ENGELWOOD ELEMENTARY	48	70	22
3	PINAR ELEMENTARY	43	62	19
3	VENTURA ELEMENTARY	41	60	19
5	LAKE GEORGE ELEMENTARY	59	77	18
6	RIVERSIDE ELEMENTARY	45	62	17
7	PINECREST CREEK CHARTER	22	38	16
7	WILLIAM FRANGUS ELEMENTARY	49	65	16
9	CHENEY ELEMENTARY	48	63	15
10	DEERWOOD ELEMENTARY	65	79	14
11	ZELLWOOD ELEMENTARY	48	61	13
12	CASTLE CREEK ELEMENTARY	54	66	12
12	LAKEMONT ELEMENTARY	66	78	12
12	OAKSHIRE ELEMENTARY	66	78	12
15	LOVELL ELEMENTARY	43	54	11
15	MEADOW WOODS ELEMENTARY	49	60	11
15	NORTHLAKE PARK COMMUNITY ELEMENTARY	71	82	11
15	PINE HILLS ELEMENTARY	37	48	11
19	LAKE GEM ELEMENTARY	42	52	10
20	WESTBROOKE ELEMENTARY	66	75	9
20	JOHN YOUNG ELEMENTARY	68	77	9
20	LAWTON CHILES ELEMENTARY	53	62	9
20	THREE POINTS ELEMENTARY	41	50	9

Data Source: Florida Department of Education

During the 2014 School Year, 2 schools partnering with ACALETICS® were in the Top 15% for their % Satisfactory or Higher Change. In addition, Riverside Elementary ranked #6 out of 123 schools in Orange County. Overall, Riverside Elementary ranked #35 in the State out of over 1,800 elementary schools.

FCAT 2.0 - Orange County – Top 20 Rank (2013 to 2014) Math Composite Change

(The highlighted schools partnered with ACALETICS®.)

District Rank	School Name	(A) 2013 Math Composite	(B) 2014 Math Composite	(C) Math Composite Change (B – A = C)
1	PALMETTO ELEMENTARY	130	247	117
2	WILLIAM FRANGUS ELEMENTARY	145	227	82
3	WESTBROOKE ELEMENTARY	164	241	77
4	PHYLLIS WHEATLEY ELEMENTARY	150	226	76
5	VENTURA ELEMENTARY	148	223	75
6	NORTHLAKE PARK COMMUNITY ELEMENTARY	182	256	74
7	HILLCREST ELEMENTARY	164	237	73
7	LAKE GEORGE ELEMENTARY	176	249	73
9	EAGLES NEST ELEMENTARY	120	189	69
10	DEERWOOD ELEMENTARY	169	237	68
11	MEADOW WOODS ELEMENTARY	162	227	65
12	RIVERSIDE ELEMENTARY	147	211	64
12	ALOMA ELEMENTARY	135	199	64
14	CASTLE CREEK ELEMENTARY	167	227	60
14	CITRUS ELEMENTARY	140	200	60
16	CHENEY ELEMENTARY	164	222	58
17	JOHN YOUNG ELEMENTARY	179	236	57
18	FERN CREEK ELEMENTARY	156	211	55
19	LAKE WHITNEY ELEMENTARY	213	266	53
19	PINAR ELEMENTARY	160	213	53
19	PINEWOOD ELEMENTARY	132	185	53

Data Source: Florida Department of Education

During the 2014 School Year, 3 schools partnering with ACALETICS® were in the Top 5% for their Math Composite Change. The Math Composite is the sum of % Satisfactory, Math Gains and Lowest 25% Math Gains. In addition, Westbrooke Elementary ranked #3 out of 123 schools in Orange County. Overall, Westbrooke Elementary ranked #42 in the State out of over 1,800 elementary schools.

SUNSHINE STATE NEWS

Pam Stewart: Florida Principals 'Best in Nation'

BY: ALLISON NIELSEN | Posted: October 29, 2013 9:40 AM

Commissioner of Education Pam Stewart took to the Florida Department of Education's blog on Tuesday to talk about the importance of principals in schools. Stewart boasted about principals at schools in Florida, calling them the best in the nation.

"Florida has the best principals in the nation, displaying the kind of leadership their schools and communities consistently need," wrote Stewart. "It's no secret that the past few years have been challenging as our state has raised its standards and expected more from its students. However, I know from my own experience as an elementary and high school principal that a productive, positive culture starts at the top."

Stewart herself was, at one time, a principal of Reddick-Collier Elementary in Marion County. The school, which was an "F" school when the first-year grades were released, jumped two letter grades in a year as a result of what Stewart refers to as "pushing through" and establishing school-wide expectations to attain student success.

Principals, according to Stewart, are key to excellence in education.

"Principals set the tone for the school," she said. "In addition to leading their staff, it is crucial that they establish a school culture where academics come first and where involvement and accessibility are key. As many of you know, students and teachers perform best when they feel supported by their principal." Stewart had high words of praise for principals in the Sunshine State.

"Their support of classroom instruction continues to move our state forward and better prepares students for successful paths to college and careers," said Stewart. "I truly appreciate all they do each day to empower their staff, inform parents and inspire students to work toward a brighter tomorrow."

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.

Orlando Sentinel

Mollie Ray Elementary goes all the way from F to A

June 19, 2009 | By Erika Hobbs, Sentinel Staff Writer

After a roller-coaster ride through the state's grading scale, Mollie Ray Elementary is back on top with an A.

On Thursday, the tiny Pine Hills school made a rare leap from its F grade last year -- an achievement Orange County school officials attribute to a strong principal, a crackerjack staff and intense interventions.

"The gains are real. They did show significant improvement," said Director of Accountability Lee Baldwin.

But it has been a tough trip.

From the start, Mollie Ray struggled under the state's accountability system. It earned an F in 1999, and three years later, with its second failing grade, it became one of Central Florida's first schools to offer students vouchers so that they could attend better-performing schools. In 2005, Mollie Ray climbed to an A rating before its precipitous fall to a third F last year. It has been on a watch list of the nation's worst schools.

No more. The school did so well this year that each of its 532 students met both state and federal goals, Superintendent Ron Blocker said.

But how did it do that seemingly overnight?

Mollie Ray is a 50-year-old school that serves children from the east side of Pine Hills and those in subsidized apartments along Mercy Drive. It draws from an impoverished, mostly black population in which many children primarily speak Haitian Creole.

Families are so transient that the fourth-grade classes often are not made up of the same kids who took the Florida Comprehensive Assessment Test as Mollie Ray third-graders the year before.

That's a partial explanation for the fluctuation in school grades, district officials say. But it's no excuse.

To help children who have so much stacked against them -- they are sometimes hungry or need eyeglasses -- new Principal Kathryn Shuler gave them what they needed.

Teachers now identify what children don't understand and reteach the lesson before moving on. A team determines which methods work for a student and abandon those that don't.

But officials said the key is a top-notch leader.

"If you looked up 'focused' in an encyclopedia," Blocker said of Shuler, "you would see her picture right next to it."



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-neeringSM

<p>Professional Development</p> <p>The Special Venue: In the CLASSROOM!!!!</p> <p>with REAL Students, Your Students!</p>	<p>Differentiated Consultation (DC)</p> <p>One Size Does Not Fit All:</p> <p>There are Different Bright Spots in every school to be IDENTIFIED & LEVERAGED.</p>
<p>Standards-aligned Supplemental Materials</p> <p>Our effective “process” is embedded in our materials!</p> <p>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!</p>	<p>Parent & Student Engagement Services</p> <p>Customized Online Math Portal</p> <p>Math ClubSM within Every Classroom – An NFL Environment</p> <p>Well-received Parent Workshops: “Math ClubSM for Parents”</p> <p>Incentive Packages for Students</p>