

ACALETICS®

L.C. Swain Middle School Analysis

Learning Gains

Report



2008 - 2012

ACALETICS® Math Partnership

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Introduction



Educational Development Associates, Inc. (EDA) would like to thank L.C. Swain Middle School, under the leadership of Dr. Edward Harris, for a successful partnership over the past five years. During our partnership, through the implementation of ACALETICS®, L.C. Swain Middle has consistently increased the number of students making Learning Gains in math, in spite of the socio-economic challenges. In 2012, 90% of the students qualified for free or reduced lunch and the minority population was 87%. This represented a PMI (poverty-minority-index) of 177 (90 + 87). While over 80% of middle schools in Florida have a lower PMI (less poverty and minority students), L.C. Swain's performance has continued to be in the top 20% of all middle schools in the state of Florida. We congratulate L.C. Swain on a job well done!

About ACALETICS®

In 2010, ACALETICS® was recognized by the Florida Department of Education and the Council for Educational Change (CEC) as a Best Practice in Mathematics. ACALETICS® is a program developed by Educational Development Associates, Inc. (EDA). EDA offers research-based, results-driven supplemental products and services that boost the performance and achievement of students in schools. Through its innovative ACALETICS® Math program, EDA has helped more than 300,000 students and over 400 schools dramatically improve classroom instruction and learning, test scores, and student competence and confidence by providing invaluable resources and direct support to school administrators, teachers and parents.

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Executive Summary

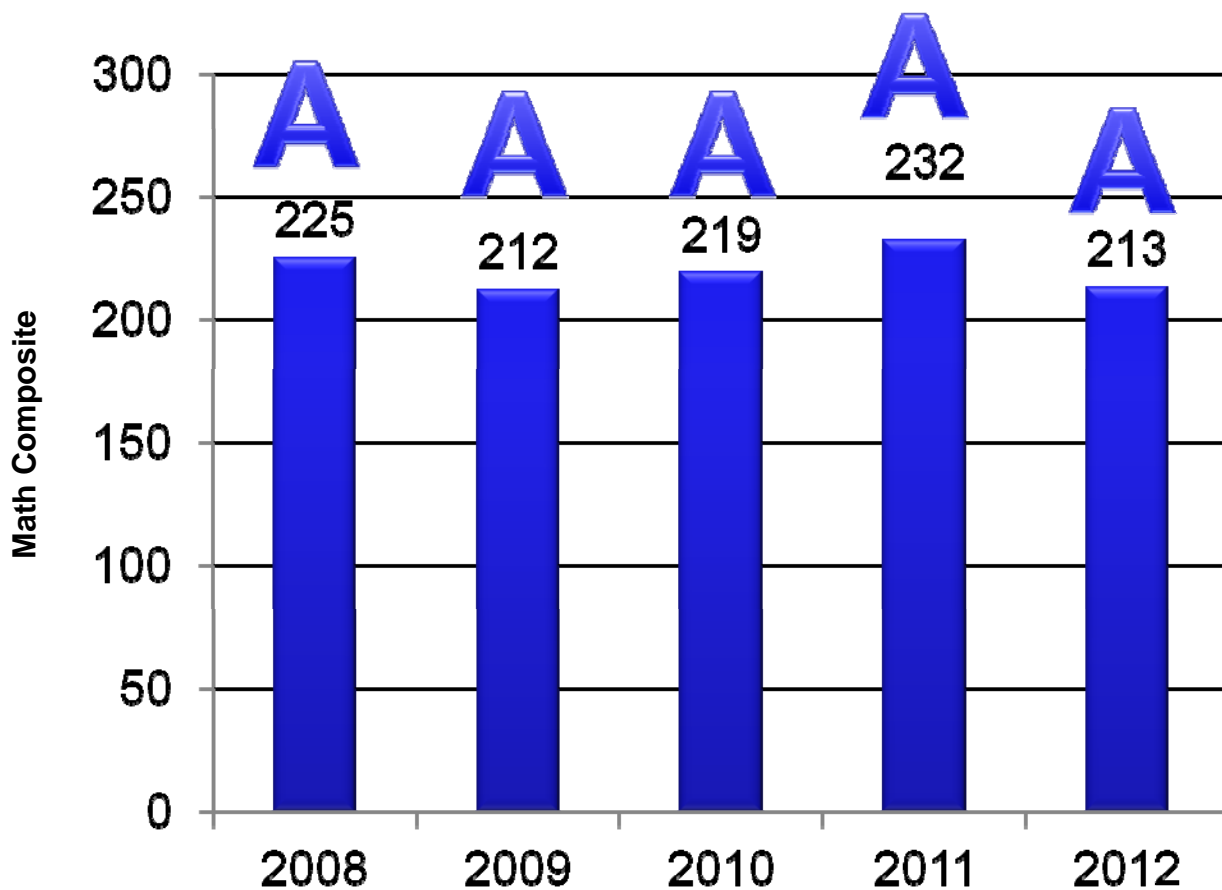
- From 2008 to 2012, L.C. Swain received 5 consecutive Math Component “A” Grades. (This grade is based on grading only the 3 math components. After finding the sum of the points for the math components their proportional equivalence for a school grade is determined, based on the number of available math component points.) (Refer to page 3)
- From 2008 to 2012, L.C. Swain MS received four A’s and one B. (Refer to page 4)
- In 2008, L.C. Swain MS was ranked #2 for Math Gains for Lowest 25%. (Refer to page 5)
- In 2012, L.C. Swain MS was ranked #2 for Math Gains for Lowest 25%. (Refer to page 6)
- In 2008, L.C. Swain MS was ranked #6 for Math Points for Gains. (Refer to page 7)
- In 2012, L.C. Swain MS was ranked #10 for Math Points for Gains. (Refer to page 8)
- In 2008, L.C. Swain MS was ranked #3 for its Learning Gains Composite. (Refer to page 9)
- In 2012, L.C. Swain MS was ranked #3 for its Learning Gains Composite. (Refer to page 10)





L.C. Swain Middle Math Component Grades 2008 to 2012

Math Component Grades

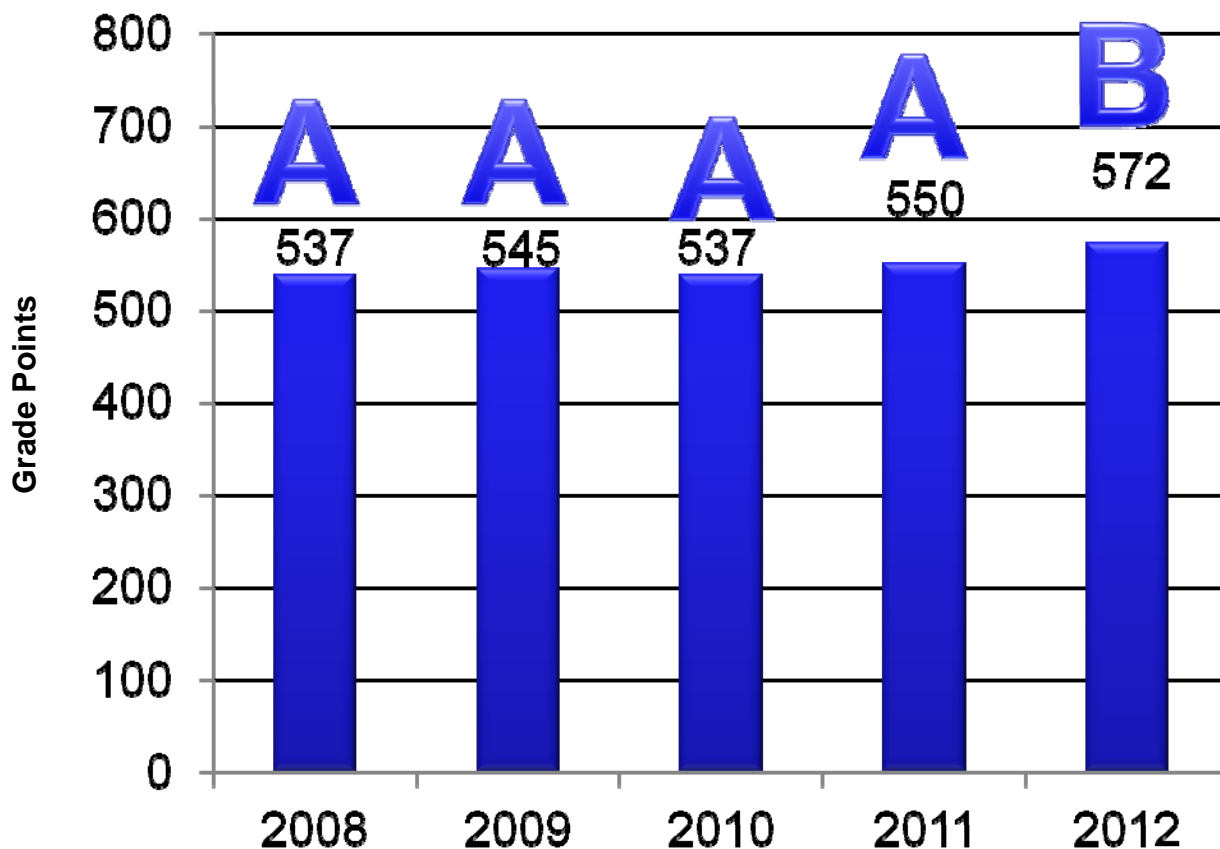


Note: From 2008 to 2012, L.C. Swain MS obtained 5 straight Math Component As. This is the most obtained by any middle school in the state. The Math Composite is the sum of Math Performance, Learning Gains and Lowest 25% Making Learning Gains.



L.C. Swain Middle School Grades 2008 to 2012

School Grades



Note: From 2008 to 2012, L.C. Swain MS obtained four straight A's. Their only B came in 2012. That was the first year that Acceleration Participation and Acceleration Performance Points were included as grade components. L.C. Swain received a total of 70 points for the two components. 100% of the students taking the Algebra EOC Assessment passed in 2012.



L.C. Swain Middle Math Gains for Lowest 25% - Rank 2008

Rank	School Name	(2008) Math Gains for Low 25%
1	BAK MIDDLE SCHOOL OF THE ARTS	85
2	L C SWAIN MIDDLE SCHOOL	79
3	DON ESTRIDGE HIGH TECH MIDDLE SCHOOL	78
4	LANTANA MIDDLE SCHOOL	77
4	LAKE WORTH COMMUNITY MIDDLE	77
6	ODYSSEY MIDDLE SCHOOL	76
7	PALM SPRINGS MIDDLE SCHOOL	75
8	EAGLES LANDING MIDDLE SCHOOL	74
9	OMNI MIDDLE SCHOOL	73
9	CARVER MIDDLE SCHOOL	73
9	TRADEWINDS MIDDLE SCHOOL	73
12	HOWELL L. WATKINS MIDDLE SCHOOL	72
12	JOHN F. KENNEDY MIDDLE SCHOOL	72
12	OKEEHHEELEE MIDDLE SCHOOL	72
12	OSCEOLA CREEK MIDDLE SCHOOL	72
16	LAKE SHORE MIDDLE SCHOOL	71
16	WESTERN PINES COMMUNITY MIDDLE	71
18	CONGRESS COMMUNITY MIDDLE SCHOOL	70
18	JUPITER MIDDLE SCHOOL	70
18	LOGGERS' RUN COMMUNITY MIDDLE SCHOOL	70
18	CHRISTA MCAULIFFE MIDDLE SCHOOL	70
22	WATSON B. DUNCAN MIDDLE SCHOOL	69
22	JEAGA MIDDLE SCHOOL	69
24	WELLINGTON LANDINGS MIDDLE	68
24	POLO PARK MIDDLE SCHOOL	68
24	INDEPENDENCE MIDDLE SCHOOL	68
27	CRESTWOOD COMMUNITY MIDDLE	67
28	WOODLANDS MIDDLE SCHOOL	66
29	BOCA RATON COMMUNITY MIDDLE SCHOOL	65
29	EMERALD COVE MIDDLE SCHOOL	65
31	CONNISTON MIDDLE SCHOOL	63
31	BEAR LAKES MIDDLE SCHOOL	63
33	ROOSEVELT MIDDLE SCHOOL	62

Note: In 2008, L.C. Swain ranked #2 among Palm Beach County Middle Schools for Math Gains of its Lowest 25%. Out of approximately 500 middle schools in the state, L.C. Swain Middle ranked #32.



L.C. Swain Middle Math Gains for Lowest 25% - Rank 2012

Rank	School Name	(2012) Math Gains for Low 25%
1	WELLINGTON LANDINGS MIDDLE	83
2	L C SWAIN MIDDLE SCHOOL	81
3	LOGGERS' RUN COMMUNITY MIDDLE SCHOOL	78
4	OKEEHHEELIE MIDDLE SCHOOL	77
5	JOHN F. KENNEDY MIDDLE SCHOOL	75
5	ROOSEVELT MIDDLE SCHOOL	75
5	ODYSSEY MIDDLE SCHOOL	75
5	EMERALD COVE MIDDLE SCHOOL	75
9	PALM SPRINGS MIDDLE SCHOOL	74
9	BEAR LAKES MIDDLE SCHOOL	74
11	JEAGA MIDDLE SCHOOL	71
12	BAK MIDDLE SCHOOL OF THE ARTS	70
13	CONNISTON MIDDLE SCHOOL	69
13	DON ESTRIDGE HIGH TECH MIDDLE SCHOOL	69
15	CARVER MIDDLE SCHOOL	68
16	OMNI MIDDLE SCHOOL	67
16	TRADEWINDS MIDDLE SCHOOL	67
18	LANTANA MIDDLE SCHOOL	66
18	LAKE SHORE MIDDLE SCHOOL	66
18	WESTERN PINES COMMUNITY MIDDLE	66
21	BOCA RATON COMMUNITY MIDDLE SCHOOL	65
21	WOODLANDS MIDDLE SCHOOL	65
21	OSCEOLA CREEK MIDDLE SCHOOL	65
24	CRESTWOOD COMMUNITY MIDDLE	64
24	EAGLES LANDING MIDDLE SCHOOL	64
26	HOWELL L. WATKINS MIDDLE SCHOOL	61
26	JUPITER MIDDLE SCHOOL	61
26	CHRISTA MCAULIFFE MIDDLE SCHOOL	61
26	WATSON B. DUNCAN MIDDLE SCHOOL	61
30	LAKE WORTH COMMUNITY MIDDLE	60
31	POLO PARK MIDDLE SCHOOL	59
31	INDEPENDENCE MIDDLE SCHOOL	59
33	CONGRESS COMMUNITY MIDDLE SCHOOL	58

Note: In 2012, L.C. Swain ranked #2 among Palm Beach County Middle Schools for Math Gains of its Lowest 25%. Out of approximately 500 middle schools in the state, L.C. Swain Middle ranked #30.

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L.C. Swain Middle Math Points for Gains - Rank 2008

Rank	School Name	(2008) Math Points for Gains
1	BAK MIDDLE SCHOOL OF THE ARTS	86
2	EAGLES LANDING MIDDLE SCHOOL	82
2	DON ESTRIDGE HIGH TECH MIDDLE SCHOOL	82
4	OMNI MIDDLE SCHOOL	79
4	OSCEOLA CREEK MIDDLE SCHOOL	79
6	L C SWAIN MIDDLE SCHOOL	78
6	WELLINGTON LANDINGS MIDDLE	78
6	LOGGERS' RUN COMMUNITY MIDDLE SCHOOL	78
9	PALM SPRINGS MIDDLE SCHOOL	77
9	LANTANA MIDDLE SCHOOL	77
9	WESTERN PINES COMMUNITY MIDDLE	77
9	ODYSSEY MIDDLE SCHOOL	77
13	CRESTWOOD COMMUNITY MIDDLE	76
13	TRADEWINDS MIDDLE SCHOOL	76
15	BOCA RATON COMMUNITY MIDDLE SCHOOL	75
15	JUPITER MIDDLE SCHOOL	75
15	WOODLANDS MIDDLE SCHOOL	75
15	POLO PARK MIDDLE SCHOOL	75
15	INDEPENDENCE MIDDLE SCHOOL	75
20	CHRISTA MCAULIFFE MIDDLE SCHOOL	74
20	WATSON B. DUNCAN MIDDLE SCHOOL	74
20	OKEEHEELEE MIDDLE SCHOOL	74
20	JEAGA MIDDLE SCHOOL	74
24	CARVER MIDDLE SCHOOL	71
25	LAKE SHORE MIDDLE SCHOOL	70
25	LAKE WORTH COMMUNITY MIDDLE	70
25	EMERALD COVE MIDDLE SCHOOL	70
28	CONGRESS COMMUNITY MIDDLE SCHOOL	68
29	HOWELL L. WATKINS MIDDLE SCHOOL	66
29	BEAR LAKES MIDDLE SCHOOL	66
31	ROOSEVELT MIDDLE SCHOOL	65
32	CONNISTON MIDDLE SCHOOL	62
33	JOHN F. KENNEDY MIDDLE SCHOOL	61

Note: In 2008, L.C. Swain ranked #6 among Palm Beach County Middle Schools for Math Gains. Out of approximately 500 middle schools in the state, L.C. Swain Middle ranked #88.



L.C. Swain Middle Math Points for Gains - Rank 2012

Rank	School Name	(2012) Math Points for Gains
1	WELLINGTON LANDINGS MIDDLE	86
1	DON ESTRIDGE HIGH TECH MIDDLE SCHOOL	86
3	LOGGERS' RUN COMMUNITY MIDDLE SCHOOL	82
4	EAGLES LANDING MIDDLE SCHOOL	78
4	BAK MIDDLE SCHOOL OF THE ARTS	78
6	OMNI MIDDLE SCHOOL	77
6	WESTERN PINES COMMUNITY MIDDLE	77
6	ODYSSEY MIDDLE SCHOOL	77
6	EMERALD COVE MIDDLE SCHOOL	77
10	L C SWAIN MIDDLE SCHOOL	76
10	OSCEOLA CREEK MIDDLE SCHOOL	76
12	WOODLANDS MIDDLE SCHOOL	75
12	OKEEHHEELLEE MIDDLE SCHOOL	75
14	PALM SPRINGS MIDDLE SCHOOL	74
14	CHRISTA MCAULIFFE MIDDLE SCHOOL	74
16	INDEPENDENCE MIDDLE SCHOOL	73
17	CRESTWOOD COMMUNITY MIDDLE	72
17	WATSON B. DUNCAN MIDDLE SCHOOL	72
17	POLO PARK MIDDLE SCHOOL	72
20	ROOSEVELT MIDDLE SCHOOL	71
20	LANTANA MIDDLE SCHOOL	71
20	BOCA RATON COMMUNITY MIDDLE SCHOOL	71
23	JUPITER MIDDLE SCHOOL	70
23	JEAGA MIDDLE SCHOOL	70
25	TRADEWINDS MIDDLE SCHOOL	69
26	CONNISTON MIDDLE SCHOOL	66
26	LAKE WORTH COMMUNITY MIDDLE	66
28	CARVER MIDDLE SCHOOL	65
29	JOHN F. KENNEDY MIDDLE SCHOOL	64
29	BEAR LAKES MIDDLE SCHOOL	64
31	CONGRESS COMMUNITY MIDDLE SCHOOL	61
32	HOWELL L. WATKINS MIDDLE SCHOOL	60
32	LAKE SHORE MIDDLE SCHOOL	60

Note: In 2012, L.C. Swain ranked #10 among Palm Beach County Middle Schools for Math Gains. Out of approximately 500 middle schools in the state, L.C. Swain Middle ranked #92.

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L.C. Swain Middle Learning Gains Composite - Rank 2008

Rank	School Name	(2008) Learning Gains Composite
1	BAK MIDDLE SCHOOL OF THE ARTS	171
2	DON ESTRIDGE HIGH TECH MIDDLE SCHOOL	160
3	L C SWAIN MIDDLE SCHOOL	157
4	EAGLES LANDING MIDDLE SCHOOL	156
5	LANTANA MIDDLE SCHOOL	154
6	ODYSSEY MIDDLE SCHOOL	153
7	PALM SPRINGS MIDDLE SCHOOL	152
7	OMNI MIDDLE SCHOOL	152
9	OSCEOLA CREEK MIDDLE SCHOOL	151
10	TRADEWINDS MIDDLE SCHOOL	149
11	LOGGERS' RUN COMMUNITY MIDDLE SCHOOL	148
11	WESTERN PINES COMMUNITY MIDDLE	148
13	LAKE WORTH COMMUNITY MIDDLE	147
14	WELLINGTON LANDINGS MIDDLE	146
14	OKEEHEELEE MIDDLE SCHOOL	146
16	JUPITER MIDDLE SCHOOL	145
17	CHRISTA MCAULIFFE MIDDLE SCHOOL	144
17	CARVER MIDDLE SCHOOL	144
19	CRESTWOOD COMMUNITY MIDDLE	143
19	WATSON B. DUNCAN MIDDLE SCHOOL	143
19	POLO PARK MIDDLE SCHOOL	143
19	INDEPENDENCE MIDDLE SCHOOL	143
19	JEAGA MIDDLE SCHOOL	143
24	LAKE SHORE MIDDLE SCHOOL	141
24	WOODLANDS MIDDLE SCHOOL	141
26	BOCA RATON COMMUNITY MIDDLE SCHOOL	140
27	HOWELL L. WATKINS MIDDLE SCHOOL	138
27	CONGRESS COMMUNITY MIDDLE SCHOOL	138
29	EMERALD COVE MIDDLE SCHOOL	135
30	JOHN F. KENNEDY MIDDLE SCHOOL	133
31	BEAR LAKES MIDDLE SCHOOL	129
32	ROOSEVELT MIDDLE SCHOOL	127
33	CONNISTON MIDDLE SCHOOL	125

Note: In 2008, L.C. Swain ranked #3 among Palm Beach County Middle Schools for its Learning Gains Composite (Math Gains + Lowest 25%) . Out of approximately 500 middle schools in the state, L.C. Swain Middle ranked #44.



L.C. Swain Middle Learning Gains Composite - Rank 2012

Rank	School Name	(2012) Learning Gains Composite
1	WELLINGTON LANDINGS MIDDLE	169
2	LOGGERS' RUN COMMUNITY MIDDLE SCHOOL	160
3	L C SWAIN MIDDLE SCHOOL	157
4	DON ESTRIDGE HIGH TECH MIDDLE SCHOOL	155
5	OKEEHEELEE MIDDLE SCHOOL	152
5	ODYSSEY MIDDLE SCHOOL	152
5	EMERALD COVE MIDDLE SCHOOL	152
8	PALM SPRINGS MIDDLE SCHOOL	148
8	BAK MIDDLE SCHOOL OF THE ARTS	148
10	ROOSEVELT MIDDLE SCHOOL	146
11	OMNI MIDDLE SCHOOL	144
12	WESTERN PINES COMMUNITY MIDDLE	143
13	EAGLES LANDING MIDDLE SCHOOL	142
14	JEAGA MIDDLE SCHOOL	141
14	OSCEOLA CREEK MIDDLE SCHOOL	141
16	WOODLANDS MIDDLE SCHOOL	140
17	JOHN F. KENNEDY MIDDLE SCHOOL	139
18	BEAR LAKES MIDDLE SCHOOL	138
19	LANTANA MIDDLE SCHOOL	137
20	BOCA RATON COMMUNITY MIDDLE SCHOOL	136
20	CRESTWOOD COMMUNITY MIDDLE	136
20	TRADEWINDS MIDDLE SCHOOL	136
23	CONNISTON MIDDLE SCHOOL	135
23	CHRISTA MCAULIFFE MIDDLE SCHOOL	135
25	WATSON B. DUNCAN MIDDLE SCHOOL	133
25	CARVER MIDDLE SCHOOL	133
27	INDEPENDENCE MIDDLE SCHOOL	132
28	JUPITER MIDDLE SCHOOL	131
28	POLO PARK MIDDLE SCHOOL	131
30	LAKE SHORE MIDDLE SCHOOL	126
30	LAKE WORTH COMMUNITY MIDDLE	126
32	HOWELL L. WATKINS MIDDLE SCHOOL	121
33	CONGRESS COMMUNITY MIDDLE SCHOOL	119

Note: In 2012, L.C. Swain ranked #3 among Palm Beach County Middle Schools for its Learning Gains Composite (Math Gains + Lowest 25%) . Out of approximately 500 middle schools in the state, L.C. Swain Middle ranked #43.