

Governor's Office of Student Achievement Comprehensive Audit Report for the SBOE

5th Grade 2008 CRCT Retests
July 2009

4 Indicators to Support Audit Findings

1. Students' Gains over Spring Scores
2. Data Findings from Erasure Analysis
3. Supporting Details from Summer School Programs
4. Students' 6th Grade Math Achievement

Indicator #1: Scale Score Gain

School	Scale Score Gain	STDEV (σ)	Statistical Likelihood
Deerwood-APS	41.2	3.5	0.0002326
Parklane-Fulton	44.9	4.1	0.00002066
Burroughs-Molette-Glynn	57.2	5.8	0.0000000033
Atherton-Dekalb	75.7	8.5	0.000000000000000000948
State Average	16.4	-	-

(Sample Size $N \geq 20$)

Indicator #2: Erasure Analysis Findings

School		Mean Scores			98 th -99 th Percentile Erasures			Correlations
	N	Total Score	Total Erasures (Range)	w-t-r Changes	Students Identified	Total Students	% Identified	Erasures x w-t-r changes
Deerwood	32	35.28	6.59 (6-24)	3.44	11	32	34.4%	0.94
Atherton	32	46.78	21.72 (8-46)	15.19	32	32	100%	0.96
Parklane	26	36.88	14.54 (8-32)	8.92	21	26	80.8%	0.97
Burroughs-Molette	23	41.22	11.04 (6-29)	7.04	15	23	65.2%	0.95
Comparison	1986	27.52	2.05	0.75	94	1986	4.73%	0.80

Indicator #3: Supporting Details-of the Summer School Programs

- Deerwood:
 - 5 Schools at Deerwood for summer school
 - Students placed with students from other schools
 - Deerwood students taught primarily by Fickett teachers and TFA volunteers
 - Only Deerwood's scores spiked of the 5 schools
- Parklane
 - 4 Schools at Parklane for summer school
 - Students placed with students from other schools
 - Only Parklane's scores spiked of the 4 schools

Indicator #3: Supporting Details-of the Summer School Programs (*cont'd*)

- Atherton
 - Scripted math program taught at all Dekalb sites
 - Tests collected after a weekend had passed
 - Only Atherton's scores spiked
- Burroughs-Molette
 - Unqualified summer school coordinator
 - Extremely lax test security; tests were not returned according to protocol; test access provided after testing

Indicator #3: Supporting Details of the Summer School Programs (*cont'd*)

- Students worked smoothly.
- Students didn't ask questions.
- Students appeared to bubble answers without problem.
- Students did not appear to struggle through the test.
- Students did not appear to change many answers.
- Students finished the test.

Indicator #4: Students' 6th Grade Math Achievement

School	Summer 2008 5 th Grade Math Retest Pass Rates	Spring 2009 6 th Grade Math CRCT Pass Rates
Deerwood Academy	87.5%	41.7%
Atherton Elementary	100%	41.4%
Parklane Elementary	83.3%	29.2%
Burroughs-Molette Elementary	85.7%	33.3%

(Note: This data reflects students who did not pass the Spring 2008 math CRCT who retook the test in Summer 2008 and who took the 6th grade math CRCT in the Spring of 2009.)

Summary

School	Scale Score Gain	STDEV (σ)	Mean Scores			LEA Response
			Total Score	Total Erasures	w-t-r Changes	
Parklane- Fulton	44.9	4.1	46.78	21.72	15.19	LEA Internal Investigation that was “Inconclusive”; no specific comments provided
Burroughs- Molette-Glynn	57.2	5.8	36.88	14.54	8.92	LEA Internal Investigation; “Convinced an Adult Changed Answers”; Sent complaint to PSC
Atherton- DeKalb	75.7	8.5	41.22	11.04	7.04	LEA Internal Investigation; “Evidence Compelling and Troubling”; Sent complaint to PSC
State Average	16.4	-	27.52	2.05	0.75	-

Summary

School	Scale Score Gain	STDEV (σ)	Mean Scores			LEA Response
			Total Score	Total Erasures	w-t-r Changes	
Deerwood-APS	41.2	3.5	35.28	6.59	3.44	LEA Internal Investigation; “No Evidence, No Basis, and No Confession”
State Average	16.4	-	27.52	2.05	0.75	-

Summary - APS

- “No Confession” = “No Evidence”
 - 4 Indicators
- “Basis = Statistical Probability of Cheating”
 - Statistical Probability = Flag
 - Evidence of Investigation = 4 Indicators
- “No Motive”
 - Title I Distinguished School (Prestige & Money)
- “Rigorous Program and Teachers’ Efforts”
 - Flat Gains of Students from other 4 Summer Schools
- “3.3 Standard Deviations”
 - GOSA Data Does Not Support This
 - More importantly, all this says is “you should not have looked at us”. This is a response that lacks seriousness and does not evidence any meaningful desire to arrive at the truth.

OSA's Recommendations for SBOE

1. **Invalidate** the 5th grade CRCT retest scores for Atherton, Deerwood, Parklane, and Burroughs-Molette.
2. **Reinstate spring AYP** determinations of “did not make AYP” for Atherton, Deerwood, Parklane, and Burroughs-Molette.
3. Require that **formal consequences** for Atherton, Deerwood, Parklane, and Burroughs-Molette follow from July 2008 accountability determinations to July 2009 determinations.
4. Require the four systems to send a **first class letter** to parents or guardians of affected retested 5th grade students to inform them of the audit findings.
5. Require the receiving middle schools in the four school systems to design and follow an **individual support plan** for students affected by the testing violations who continue to struggle with mathematics.