



After School Program Evaluation of FY 2003

Department of Research and Evaluation
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Focus of Study

I. Program Implementation

II. Program Effectiveness



I. Program Implementation Data Collection



- Schools were required to submit tutorial program information to their area superintendents monthly from February through April 2003.
- Several schools provided information for the months of January and May. These data were not used.



I. Program Implementation

School Participation



- All 28 elementary schools took part in the lottery-funded tutorial program(s).
- Four schools did not turn in any data sheets or electronic data files.
- They are Forest Heights, Sandel, Rhame, and Webber.



I. Program Implementation Areas Provided



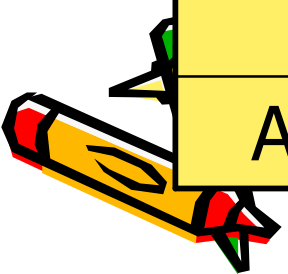
- Of the 24 schools where data were submitted, all offered both ELA and Math tutorial program services except Hyatt Park and Pine Grove.
- Hyatt Park provided ELA only.
- Pine Grove provided Math only.



I. Program Implementation Student Participation by Grade

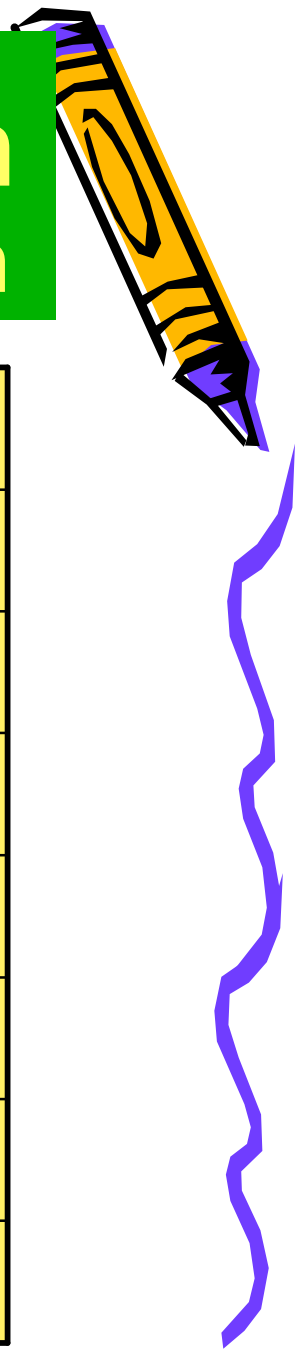
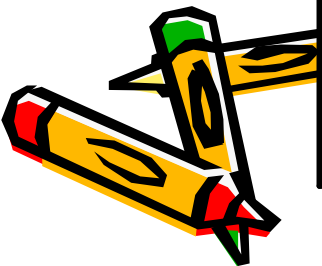


Grade	Both	ELA	Math	Total
.	10	0	0	10
1	45	10	10	65
2	99	32	34	165
3	426	51	60	537
4	447	66	79	592
5	484	31	52	567
ALL	1511	190	235	1936



I. Program Implementation Student Participation by Month

February	88
March	251
April	228
February & March	30
February & April	20
March & April	488
Feb, Mar, & April	901
All * (70 Dups)	2006*



I. Program Implementation

Student Participation by Area

ELA Participants	Math Participants
1701	1746



I. Program Implementation

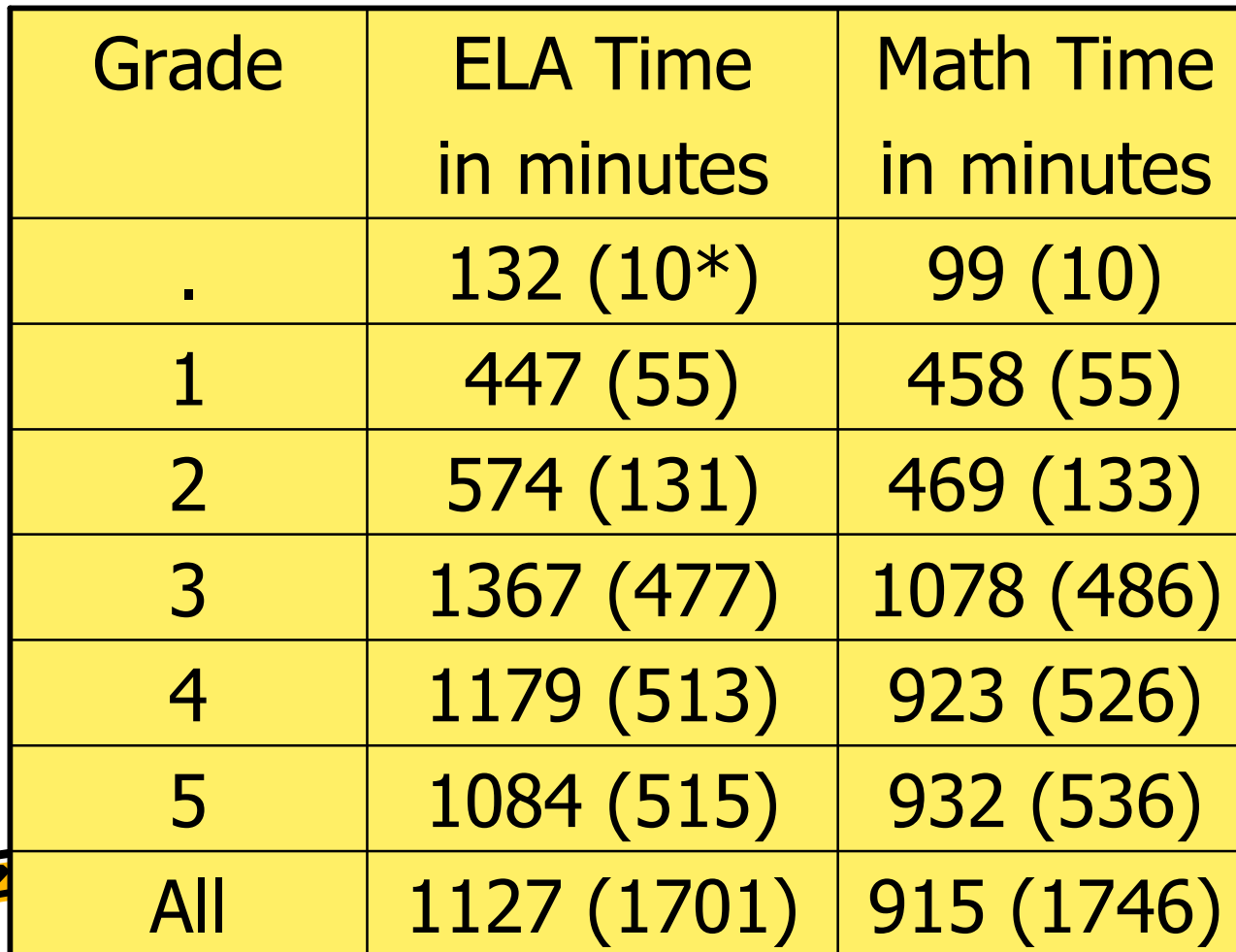
Teacher Participation by Area

ELA Teachers	Math Teachers
156	137



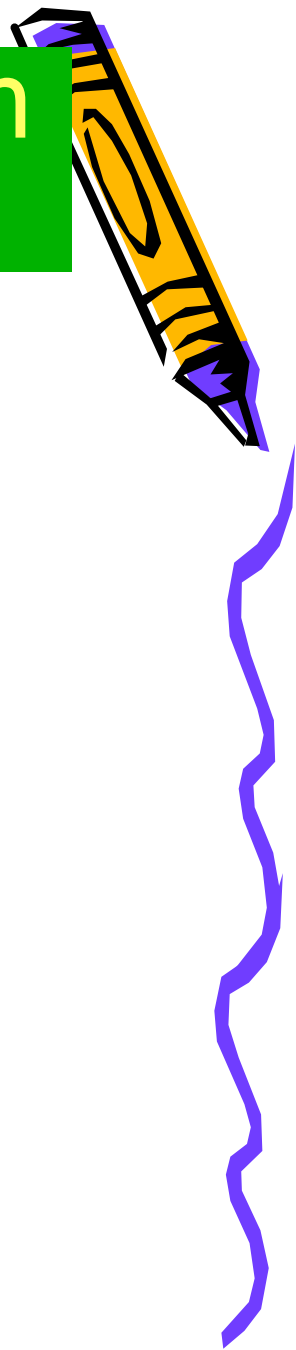
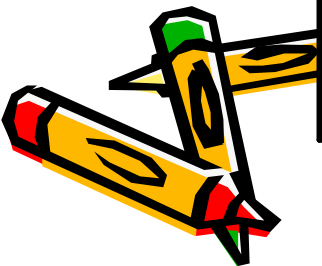
I. Program Implementation

Amount of Service by Grade



Grade	ELA Time in minutes	Math Time in minutes
.	132 (10*)	99 (10)
1	447 (55)	458 (55)
2	574 (131)	469 (133)
3	1367 (477)	1078 (486)
4	1179 (513)	923 (526)
5	1084 (515)	932 (536)
All	1127 (1701)	915 (1746)

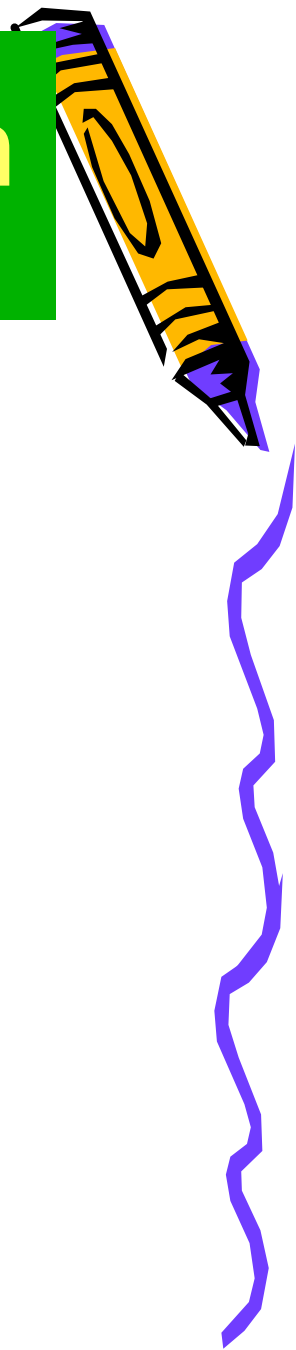
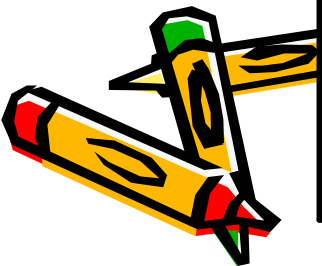
*Student count in parentheses



I. Program Implementation

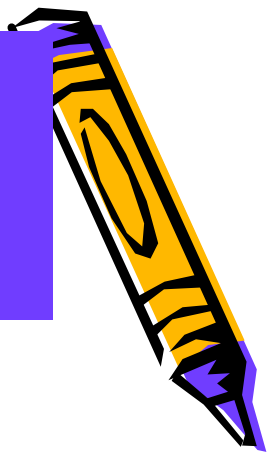
Amount of Service by Grade

Grade	ELA Time in hours	Math Time in hours
.	2.2 (10)	1.7 (10)
1	7.5 (55)	7.6 (55)
2	9.6 (131)	7.8 (133)
3	22.8 (477)	18.0 (486)
4	19.7 (513)	15.4 (526)
5	18.1 (515)	15.5 (536)
All	18.9 (1701)	15.3 (1746)



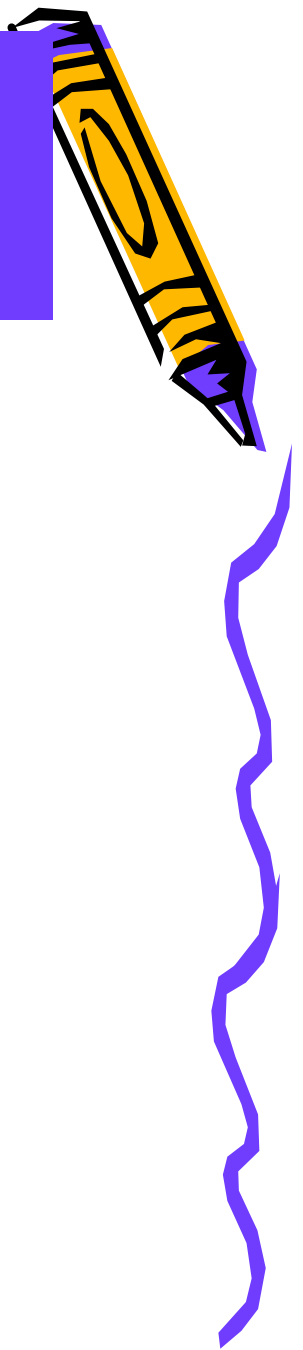
II. Program Effectiveness Research Questions

1. Did students who took part in the tutorial programs perform better on PACT than those who did not?
2. Did students who took part in the tutorial programs perform better on PACT than those who took part in the 2002 summer programs?



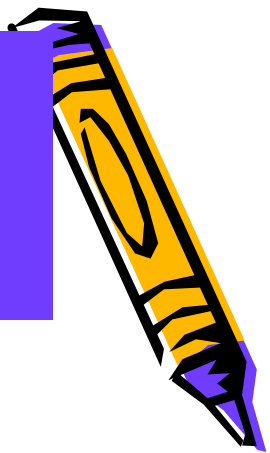
II. Program Effectiveness Research Questions

3. Were there any different effects between two subject areas?

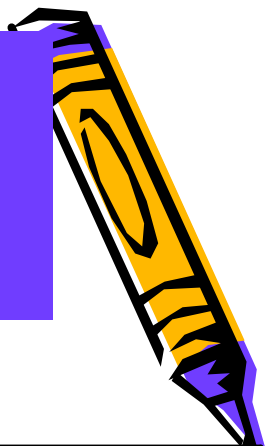


II. Program Effectiveness Parameters

1. To determine if there were any effects on PACT, students who had both 2002 and 2003 PACT scores were included.
2. Only students in grades 4 and 5 in 2003 were included as any students below grade 4 would not have 2002 PACT scores.



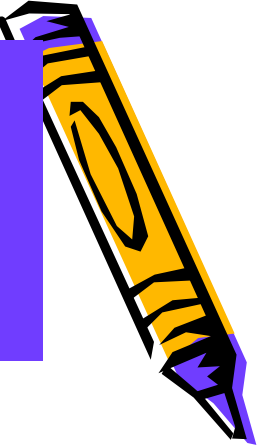
II. ELA Program Effectiveness Initial Four Groups



Group	Gr 4	Gr 5	Total
None (Control)	313	238	551
Summer (2002) Only	114	117	231
Tutorial Only	375	367	742
Both (Tutorial/Summer)	85	87	172



II. ELA Program Effectiveness Pretest Score Comparisons

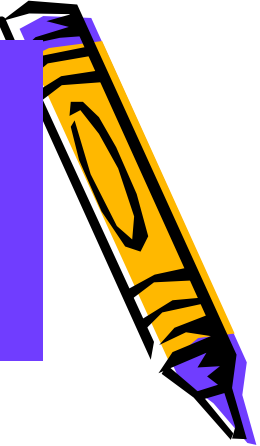


ELA, Grade 4 in 2003	Pretest Significant
None	298
Summer Only	299
Tutor Only	306*
Both	303

Basic: 296 for grade 3




II. ELA Program Effectiveness Pretest Score Comparisons

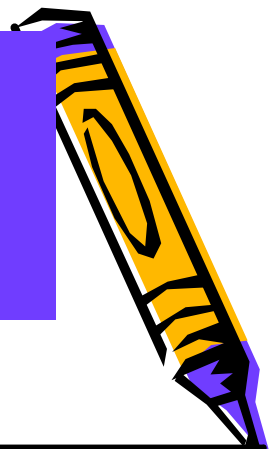


ELA, Grade 5 in 2003	Pretest Significant
None	392
Summer Only	391
Tutor Only	402*
Both	395

Basic: 395 for grade 4



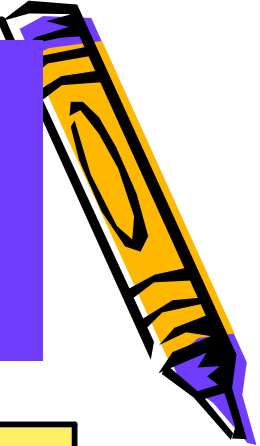
II. ELA Program Effectiveness Final Four Groups



Group	Gr 4	Gr 5	Total
None (Control)	313	238	551
Summer (2002) Only	114	117	231
Tutorial Only	274	125	399
Both (Tutorial/Summer)	85	87	172



II. ELA Program Effectiveness Pretest Score Comparisons




ELA, Grade 4 in 2003	Pretest
None	298
Summer Only	299
Tutor Only	302
Both	303

Basic: 296 for grade 3




II. ELA Program Effectiveness Pretest Score Comparisons



ELA, Grade 5 in 2003	Pretest
None	392
Summer Only	391
Tutor Only	392.5
Both	395

Basic: 395 for grade 4



II. Math Program Effectiveness Initial Four Groups



Group	Gr 4	Gr 5	Total
None (Control)	328	246	574
Summer (2002) Only	124	127	351
Tutorial Only	383	371	754
Both (Tutorial/Summer)	88	93	181



II. Math Program Effectiveness Pretest Score Comparisons

Math, Grade 4 in 2003	Pretest Significant
None	295
Summer Only	295
Tutor Only	303*
Both	299

Basic: 298 for grade 3



II. Math Program Effectiveness Pretest Score Comparisons

Math, Grade 5 in 2002	Pretest Significant
None	390
Summer Only	389
Tutor Only	405*
Both	391

Basic: 399 for grade 4



II. Math Program Effectiveness Final Four Groups



Group	Gr 4	Gr 5	Total
None (Control)	328	246	574
Summer (2002) Only	124	127	251
Tutorial Only	208	131	339
Both (Tutorial/Summer)	88	93	181





II. Math Program Effectiveness Pretest Score Comparisons

Math, Grade 4 in 2003	Pretest
None	295
Summer Only	295
Tutor Only	292
Both	299

Basic: 298 for grade 3



II. Math Program Effectiveness Pretest Score Comparisons



Math, Grade 5 in 2003	Pretest
None	390
Summer Only	389
Tutor Only	390
Both	392

Basic: 399 for grade 4

II. ELA Program Effectiveness Posttest Score Comparisons

ELA, Grade 4 in 2003	Posttest Significant
None	393
Summer Only	389
Tutor Only	397*
Both	393

Basic: 395 for grade 4



II. ELA Program Effectiveness Posttest Score Comparisons

ELA, Grade 5 in 2003	Posttest Non Significant
None	488
Summer Only	485
Tutor Only	487
Both	487

Basic: 495 for grade 4



II. Math Program Effectiveness Posttest Score Comparisons

Math, Grade 4 in 2003	Posttest Significant
None	397
Summer Only	394
Tutor Only	402*
Both	399

Basic: 399 for grade 4



II. Math Program Effectiveness Posttest Score Comparisons



Math, Grade 5 in 2003	Posttest Significant
None	492
Summer Only	491
Tutor Only	494*
Both	493

Basic: 499 for grade 5

II. ELA Program Effectiveness

Which program was effective?

ELA, Grade 4 in 2003	Posttest Significant
Tutor – None	4.0 *
Tutor – Both	4.4 *
Tutor – Summer	8.5 *
Summer – None	-4.5 *
Summer – Both	-4.1 *

II. ELA Program Effectiveness

Which program was effective?

ELA, Grade 5 in 2003	Posttest
	Non Significant
Tutor – None	-1.3
Tutor – Both	0.1
Tutor – Summer	1.9
Summer – None	-3.3
Summer – Both	-1.8

II. Math Program Effectiveness

Which program was effective?

Math, Grade 4 in 2003	Posttest Significant
Tutor – None	5.3 *
Tutor – Both	2.8 *
Tutor – Summer	7.6 *
Summer – None	-2.2
Summer – Both	-4.7 *

II. Math Program Effectiveness

Which program was effective?

ELA, Grade 5 in 2003	Posttest Significant
Tutor – None	2.1
Tutor – Both	1.1
Tutor – Summer	3.5 *
Summer – None	-1.4
Summer – Both	-2.4

Conclusions



1. In 2003, we served 1936 students from grades 1 through 5 in the months of February through April 2003.
2. Of these 1936 students, 1511 participated in both ELA and Math programs, 190 in ELA only, and 235 in Math only.



Conclusions (Continued)

3. Of these 1936 students, 46% (901) participated in the tutorial programs from February through April.
4. In average, each student spent 18.9 hours in the ELA tutorial programs and 15.3 hours in math.
5. Grade 3 students spent most time in ELA (22.8 hours) and math (18.0 hours) when compared to other grades.



Conclusions (Continued)



6. Grade 1 students spent least time in ELA (7.5 hours) and math (7.6 hours) when compared to other grades.

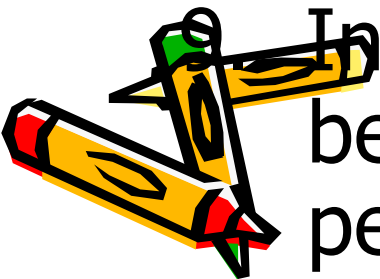


Conclusions (Continued)



7. In ELA, grade 4 students in the tutorial program obtained the highest 2003 posttest scores when pretest performance was controlled.
8. In ELA, grade 4 tutorial participants outperformed those in summer school only, tutorial and summer school, and control group students.

In ELA, no differences were found between groups in terms of their performance on 2003 PACT.



Conclusions (Continued)



10. In Math, grade 4 students in the tutorial program obtained the highest 2003 posttest scores when pretest performance was controlled.
11. In Math, grade 4 tutorial participants outperformed those in summer only, tutorial and summer, and control group students.
12. Students in Both Group outperformed those in Summer Group as well.



Conclusions (Continued)



13. In Math, grade 5 tutorial participants outperformed those who participated in summer 2002 program.

