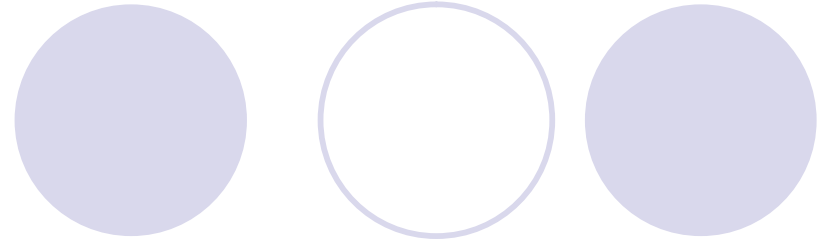




Comprehensive Remediation Program Evaluation FY 2004

Department of Research and Evaluation
Min Ching, 10-12-04

Focus of Study

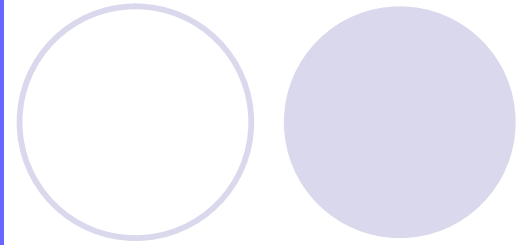


I. Program Implementation

II. Program Effectiveness

I. Program Implementation

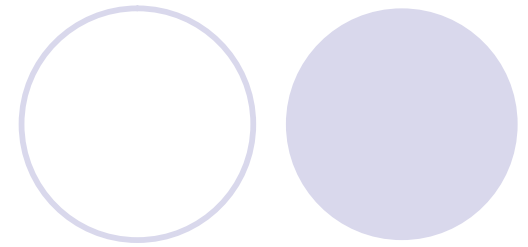
Data Collection



- Schools were required to submit comprehensive remediation program information to Office of Research and Evaluation monthly from November 2003 through April 2004.
- Data were transmitted electronically.

I. Program Implementation

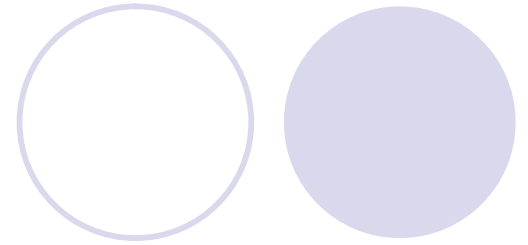
School Participation



- All 28 elementary schools and 9 middle schools took part in the comprehensive remediation program.
- The grades involved were 3,4,5,6,7, and 8.

I. Program Implementation

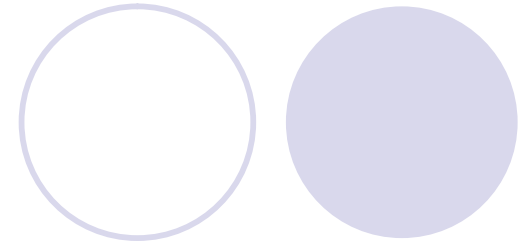
Areas Provided



- All elementary and middle schools offered ELA and Math.
- Thomas offered Science.
- Watkins-Nance offered Science and Social Studies.
- Crayton, Hand, and Sanders offered Science and Social Studies.

I. Program Implementation

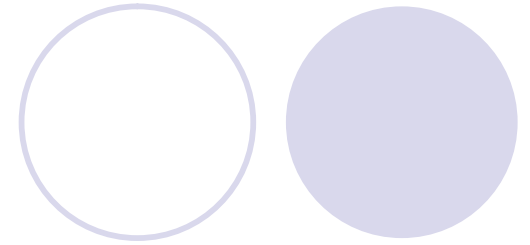
Student Participation



Grade	ELA	Math	Science	SOC
3	476	472	21	22
4	675	680	50	17
5	718	701	19	19
6	523	513	91	15
7	418	437	4	43
8	487	507	12	89
ALL	3297	3310	197	205

I. Program Implementation

Total Sessions by Grade

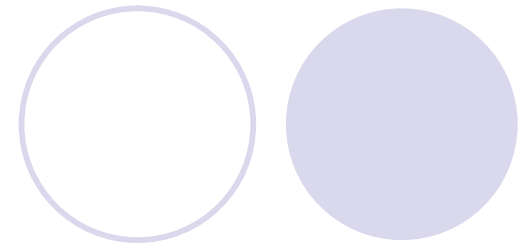


	ELA	MATH	SCI	SOC
3	16493	14942	255	261
4	22899	22916	328	262
5	25372	23439	339	339
6	11134	10655	1348	66
7	8261	9029	23	636
8	9932	9825	68	1023
ALL	94091	90806	2361	2587

*Student count in parentheses

I. Program Implementation

Average Sessions by Grade

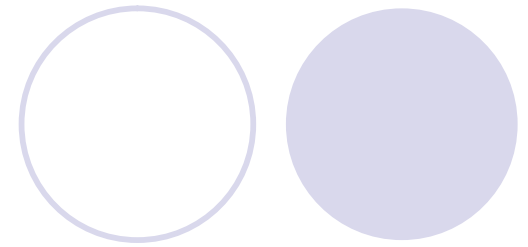


	ELA	MATH	SCI	SOC
3	34.6	31.7	12.1	11.9
4	33.9	33.7	6.6	15.4
5	35.3	33.4	17.8	17.8
6	21.3	20.8	14.8	4.4
7	19.8	20.7	5.8	14.8
8	20.4	19.4	5.7	11.5
ALL	28.5	27.4	12.0	12.6

*Student count in parentheses

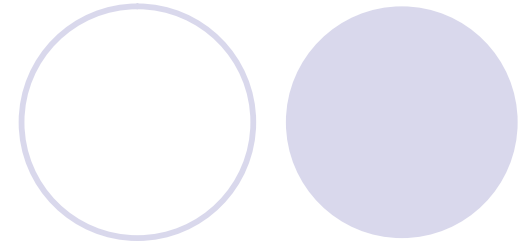
II. Program Effectiveness

Research Questions



1. Did students who took part in the comprehensive remediation program improve their performance on PACT?
2. Did students who took part in the comprehensive remediation program perform better on PACT than those who did not?

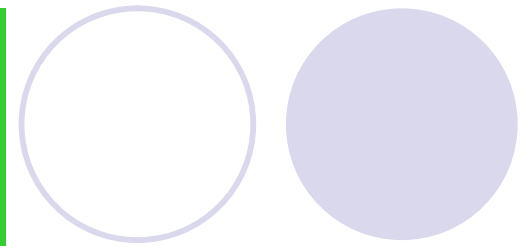
II. Program Effectiveness Parameters



1. To determine if there were any effects on PACT, students who had both 2003 and 2004 PACT scores were included.
2. On and off-grade students were included.

II. Program Effectiveness

Reduction of BB Students (Elementary Level)

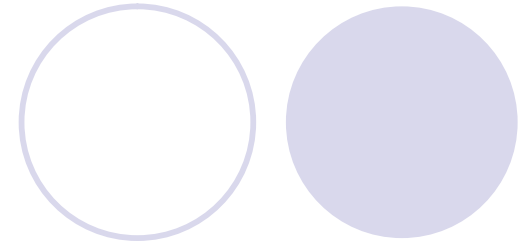


ELA	Below Basic	Basic +	Total
2003	736 (55%)	596 (45%)	1332
2004	601 (45%)	731 (55%)	1332
Math	Below Basic	Basic +	Total
2003	752 (56%)	591 (44%)	1343
2004	657 (49%)	686 (51%)	1343

The reduction of Below Basic students reached significant level.

II. Program Effectiveness

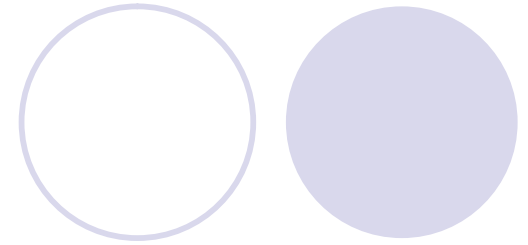
Reduction of BB Students (Middle School Level)



ELA	Below Basic	Basic +	Total
2003	1062 (65%)	578 (35%)	1640
2004	1021 (62%)	619 (38%)	1640
Math	Below Basic	Basic +	Total
2003	1152 (70%)	492 (30%)	1644
2004	1079 (66%)	565 (34%)	1644

The reduction of Below Basic students reached significant level.

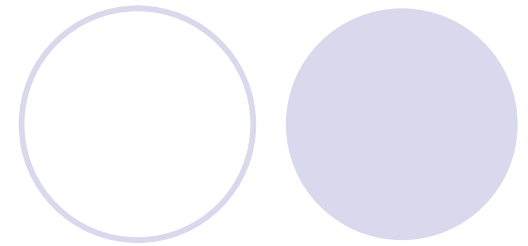
II. Program Effectiveness Control Group



- Comprehensive remediation program participants were matched with control group based on 2002 and 2003 PACT scores, lunch status, and race.
- No significant pretest differences existed in 2002 and 2003 PACT scores.

II. Program Effectiveness

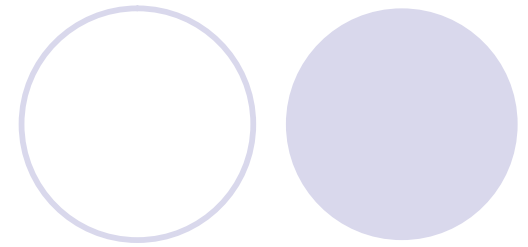
Comparison with Control Group



Elementary	ELA	MATH
EXPERIMENT	568	587
CONTROL	568	587
Middle	ELA	MATH
EXPERIMENT	1060	1034
CONTROL	1060	1034

II. Program Effectiveness

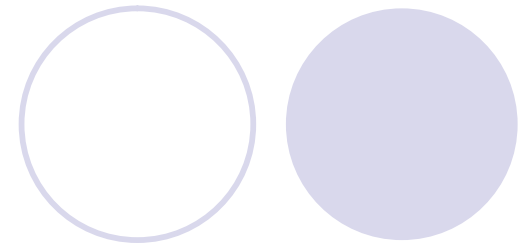
Comparison with Control Group



Level	Div. 1	Div. 2	Div. 3	Div. 4
BB1	1.00	1.25	1.50	1.75
BB2	2.00	2.25	2.50	2.75
Basic	3.00	3.25	3.50	3.75
Proficient	4.00	4.25	4.50	4.75
Advanced	5.00	5.00	5.00	5.00

II. Program Effectiveness

Comparison with Control Group
(Elementary Level)

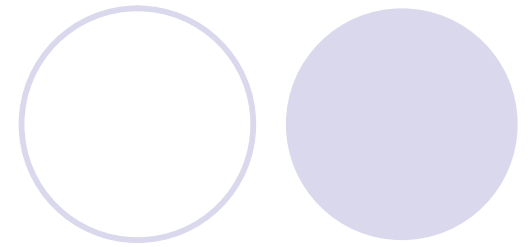


ELA	2002 Pretest	2003 Pretest	2004 Posttest
EXP	2.78	2.53	2.61
CON	2.78	2.51	2.59
Math	2002 Pretest	2003 Pretest	2004 Posttest
EXP	2.53	2.71	2.69
CON	2.54	2.72	2.70

No significant differences were found in 2004 posttest scores.

II. Program Effectiveness

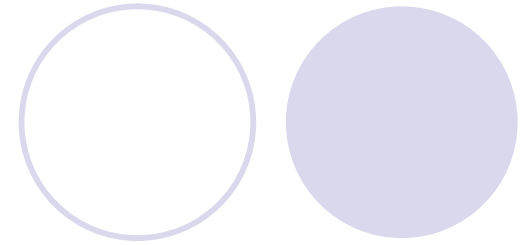
Comparison with Control Group
(Middle School Level)



ELA	2002 Pretest	2003 Pretest	2004 Posttest
EXP	2.64	2.32	2.40
CON	2.65	2.32	2.39
Math	2002 Pretest	2003 Pretest	2004 Posttest
EXP	2.38	2.32	2.40
CON	2.39	2.32	2.42

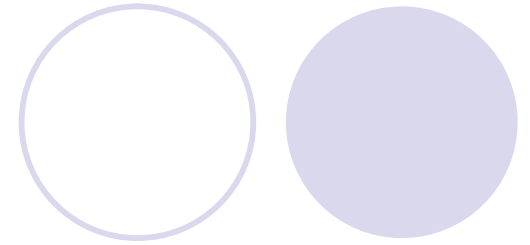
No significant differences were found in 2004 posttest scores.

III. Conclusions



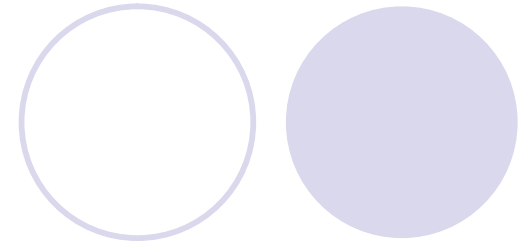
- The average ELA session for elementary schools was 34.7, 20.5 for middle schools.
- The average Math session for elementary schools was 33.1, 20.3 for middle schools.
- Elementary schools accumulated more session than middle schools did.
- All schools offered ELA and Math sessions; a few offered science and social studies.

III. Conclusions



- About 1900 elementary students were served either in ELA or Math.
- About 1500 middle school students were served either in ELA or Math.
- All schools offered ELA and Math sessions; a few offered science and social studies.

III. Conclusions



- The percent of students performing Below Basic was significantly reduced after participating the comprehensive remediation program (10% reduction in ELA and 7% in Math for elementary schools; 3% reduction in ELA and 4% in Math for middle schools).
- No differences were found when compared with the control group.