

THE PIONEER VALLEY PROJECT*

ACADEMIC IMPROVEMENTS

For

1. Northampton, Massachusetts

And

ACUSHNET PUBLIC SCHOOL

ESTIMATED SAVINGS

For

2. Acushnet, Massachusetts

***The Pioneer Valley Project was funded in 1999 and 2000 with an appropriation from Massachusetts State Legislature Ways and Means, The Massachusetts Department of Education, Bank of Boston and The Tom and Jane Hazen Charitable Fund; in-kind contributors.**

Presented to: Senator Stanley Rosenberg

Senate President Pro Tempore

May 15, 2008

Respectfully submitted: Georgianna Saba

PIONEER VALLEY PROJECT

IMPROVEMENTS:

Pioneer Valley Pilot Project - 2000			
<u>ACCURACY</u>			
Mean Gains in Scores with Overlays			
	Number of Students	After Two Weeks	After 3-3.5 Months
Below Grade Level	15	1.4 years	1.9 years
Barely Grade Level	3	0.6 years	2.3 years
Grade Level	9	1.5 years	3.3 years
Above Grade Level	3	0.6 years	4.3 years
Non-Special Education	15	1.1 years	2.0 years
Special Education	15	1.4 years	3.3 years

Pioneer Valley Pilot Project 2000			
<u>COMPREHENSION</u>			
Mean Gains in Scores with Overlays			
	Number of Students	After Two Weeks	After 3-3.5 Months
Below Grade Level	15	1.6 years	1.9 years
Barely Grade Level	3	0.7 years	3.7 years
Grade Level	9	0.6 years	1.7 years
Above Grade Level	3	3.0 years	4.4 years
Non-Special Education	15	1.7 years	2.3 years
Special Education	15	1.1 years	2.2 years

Pioneer Valley Pilot Project 2000			
<u>PASSAGE FLUENCY</u>			
Mean Gains in Scores with Overlays			
	Number of Students	After Two Weeks	After 3-3.5 Months
Below Grade Level	15	1.0 years	1.2 years
Barely Grade Level	3	0.9 years	1.5 years
Grade Level	9	1.1 years	1.9 years
Above Grade Level	3	0.5 years	2.0 years
Non-Special Education			
	15	0.9 years	1.2 years
Special Education			
	15	1.1 years	1.8 years

Pioneer Valley Pilot Project 2000			
<u>RATE</u>			
Mean Gains in Scores with Overlays			
	Number of Students	After Two Weeks	After 3-3.5 Months
Below Grade Level	15	0.7 years	0.6 years
Barely Grade Level	3	1.0 years	1.0 years
Grade Level	9	0.7 years	1.0 years
Above Grade Level	3	0.4 years	0.4 years
Non-Special Education			
	15	0.5 years	0.6 years
Special Education			
	15	0.9 years	0.9 years

ANALYSIS OF ACUSHNET PUBLIC SCHOOL PROGRAM

Costs and Savings from 1995 compared to 2008.

Acushnet paid a total of \$1000 for the training of two educators and the overlays that helped these 16 plus 108 children in Cynthia Stone's study in 1995.

In terms of the numbers presented on the Massachusetts Data Fact Sheet provided with this document, in today's dollars (using 2004 data), Educator Cynthia Stone (now retired) would save her school system the following estimated amounts:

Approximately Fifty percent (16) of thirty three students at \$13,471 (SPED cost per student) vs \$6,765 (Regular cost per student), an estimated \$108,240. Also, since she kept another 108 students who were coded for special education in regular education status she saved her school district another \$732,780.

Acushnet paid a total of \$1000 for the training of two educators and the overlays that helped these 16 plus 108 children in Cynthia Stone's study in 1995.

ACUSHNET RETURNED 50% SPED CHILDREN TO REGULAR EDUCATION STATUS:

CHILDREN RETURNED TO REGULAR EDUCATION STATUS

ACUSHNET PUBLIC SCHOOLS –CYNTHIA STONE, M.ED. - 1995			
GRADES	NUMBER OF REGULAR EDUCATION CHILDREN USING OVERLAYS	NUMBER OF SPED CHILDREN USING OVERLAYS	NUMBER OF SPED CHILDREN MAINSTREAMED
2	12	2	
3	5	4	
4	27	8	7
5	13	6	3
6	17	6	4
7	18	4	2
8	16	3	
TOTAL	108	33	16

**16 CHILDREN MAINSTREAMED AND COST SAVINGS ESTIMATES
IN 2004 EQUIVALENT DOLLARS**

Current Grade	# of years until graduation	Estimated Savings per child, per year	Estimated Savings for one child for school career	# of children Mainstreamed from SPED in one year per grade	Total Estimated school savings for each grade for school career
4	8	\$6765.00	\$54,120.	7	\$378,840
5	7	\$6765.00	\$47,355.	3	\$142,065
6	6	\$6765.00	\$40,590.	6	\$243,540
7	5	\$6765.00	\$33,825.	2	\$ 67,650
ESTIMATED SAVINGS FOR 16 CHILDREN MAINSTREAMED					\$832,095

**ADDITIONAL 108 SPED CODED CHILDREN
RETURNED TO REGULAR EDUCATION STATUS
IN 2004 EQUIVALENT DOLLARS**

Current Grade	# of years until graduation	Estimated Savings per child, per year	Estimated Savings for one child for school career	# of children Mainstreamed from SPED in one year per grade	Total Estimated school savings for each grade for school career
2	10	\$6765.00	\$67,650.	12	\$811,800
3	9	\$6765.00	\$60,885	5	\$304,425
4	8	\$6765.00	\$54,120.	7	\$378,840
5	7	\$6765.00	\$47,355.	3	\$142,065
6	6	\$6765.00	\$40,590.	6	\$243,540
7	5	\$6765.00	\$33,825.	2	\$ 67,650
8	4	\$6765.00	\$27,060.	16	\$ 432,960
ESTIMATED SAVINGS FOR 108 CHILDREN MAINSTREAMED					\$2,381,280.