

Berkley-Campostella Early Childhood Center

NORFOLK SCHOOL DISTRICT
NORFOLK, VIRGINIA

SCHOOL PROFILE

250 STUDENTS, GRADES PRE-K
66% African-American, 30% White,
2% Hispanic, 2% Asian-American

LIGHTSPAN ACHIEVE NOW IMPLEMENTATION

Classroom/Family Homework Model
Pre-K, Began Fall 2001
100% Home Deployment
Reading/Mathematics Focus

RESEARCH INSTRUMENTS

Peabody Picture Vocabulary Test (PPVT)
Test of Adult Basic Education (TABE)

RESEARCH TIME FRAME

2001-02 School Year

PRE-K STUDENTS MAKE SIGNIFICANT GAINS IN VOCABULARY ON THE PEABODY PICTURE VOCABULARY TEST. ADULT LEARNERS MAKE GAINS IN READING AND MATHEMATICS ON THE TEST OF ADULT BASIC SKILLS. MATHEMATICS RESULTS ARE SIGNIFICANT.

THIS EVEN START PROGRAM LOCATED INSIDE THE BERKLEY-CAMPOSTELLA EARLY CHILDHOOD CENTER IN NORFOLK, VIRGINIA FOCUSES ON PRESCHOOL-AGED CHILDREN AND THEIR PARENTS. THE GOAL OF THE PROGRAM IS TO PROVIDE EARLY INTERVENTION TO INCREASE LITERACY FOR THE STUDENTS AND PARENTS SELECTED FOR THE PROGRAM.

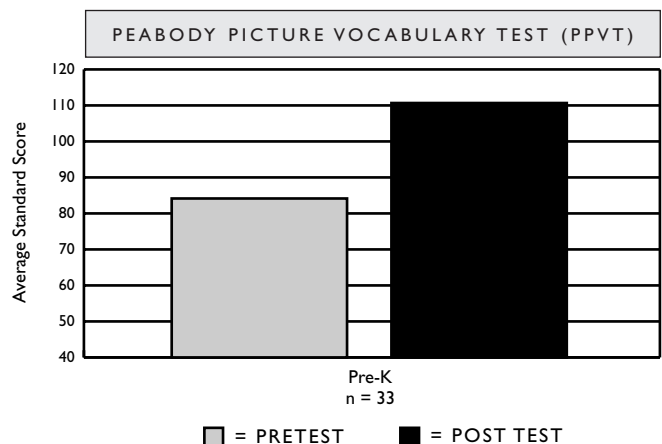
PRE-K STUDENT LITERACY LEVELS AS MEASURED BY THE PEABODY PICTURE VOCABULARY TEST (PPVT) REVEALED A STATISTICALLY SIGNIFICANT ($P < .05$) AVERAGE STANDARD SCORE GAIN OF 26.52.

ADULT STUDENT LITERACY AS MEASURED BY THE TEST OF ADULT BASIC EDUCATION (TABE) REVEALED A GAIN OF 7.22 IN READING AND A STATISTICALLY SIGNIFICANT ($P < .05$) GAIN OF 24.11 IN MATHEMATICS.

STUDENTS AND PARENTS WERE TESTED BEFORE AND AFTER THE LIGHTSPAN IMPLEMENTATION.

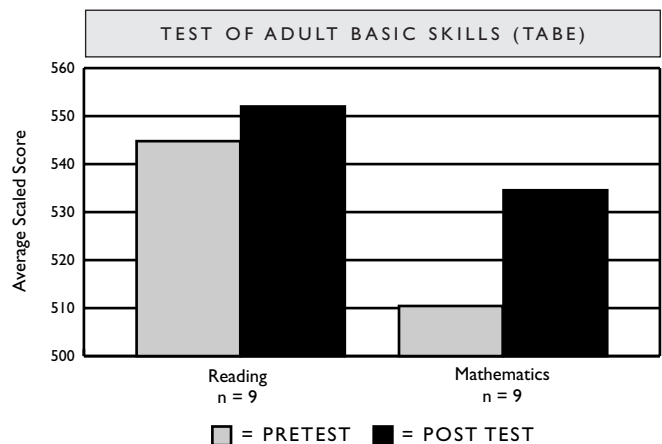
Pre-K students increase literacy.

Pre-K students using Lightspan Achieve Now™ posted a significant average standard score gain ($p < .05$) of 26.52 in literacy as measured by the Peabody Picture Vocabulary Test (PPVT).



Adult Learners increase literacy in Reading and Mathematics.

Adult learners realize a gain of 7.22 in Reading literacy moving from an average scaled score of 544.78 at pretest to 552.00 at post-test. In Mathematics literacy, adult learners realize a statistically significant gain of 24.11 moving from an average scaled score of 510.44 at pretest to 534.56 at post-test.



Berkley-Campostella Early Childhood Center Program Background

Berkley Early Childhood Center is located in Norfolk, Virginia. The Even Start Program is located within the Berkley Early Childhood Center and is where Lightspan Achieve Now™ is utilized. The Even Start Program serves 54 families and 90 children from birth through four years old and their parents who qualify for adult education under the Adult Education and Family Literacy Act. It is the desire of the school officials to increase student literacy as measured by the Peabody Picture Vocabulary Test. This test is administered in the Fall and Spring. It is also the desire of the school district to increase the level of Reading and Mathematics literacy of the adults as measured by the Test of Adult Basic Education (TABE).

Berkley Early Childhood Center began implementing the Lightspan Achieve Now Program in the Fall of 2001. The program began with two teacher licenses and thirty-six student licenses in a pre-K classrooms and 2 PC Version in the Adult Education Classrooms. The school administration and the school board have a firm commitment to early intervention by providing a home-school connection. In the classroom, the implementation has enhanced the ability for the teacher to integrate technology, provide small group instruction and foster independent growth in a learning center. Students interacted with Lightspan Achieve Now™ software approximately three times a week for ten to fifteen minutes each time. The parent/adult learners were given individualized assignments on a weekly basis that included using Lightspan Achieve Now™ activities. They attended class and utilized the Lightspan Achieve Now program daily.

The teachers, teacher's assistants and parent educators received program and product orientation. They also received on-going professional development and site support from a Lightspan Consultant. Family nights were held to orientate, reinforce and celebrate the program.



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