

Brentwood Elementary School

CUMBERLAND COUNTY SCHOOL DISTRICT
FAYETTEVILLE, NORTH CAROLINA

SCHOOL PROFILE

632 TOTAL STUDENTS, GRADES PRE-K, K-5
64.2% Free/Reduced Lunch
30% White
6% Hispanic
2% Asian-American
61% African-American
1% Native-American

LIGHTSPAN ACHIEVE NOW™ IMPLEMENTATION

- Lab Implementation
- Grades 3-5
- Implementation began February 2003
- Reading/Language Arts and Mathematics Focus

RESEARCH INSTRUMENTS

North Carolina End-of-Grade Test

RESEARCH TIME FRAME

2002-03 School Year

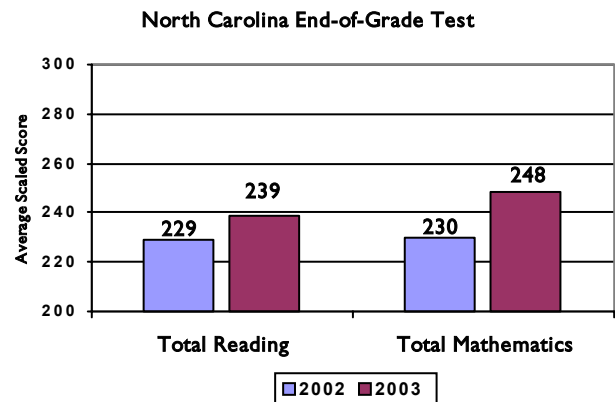
TARGETED INTERMEDIATE STUDENTS SHOW IMPROVEMENTS IN READING/LANGUAGE ARTS AND MATHEMATICS

DURING THE 2002-03 SCHOOL YEAR, TARGETED INTERMEDIATE STUDENTS AT BRENTWOOD ELEMENTARY SCHOOL DEMONSTRATED STRONG GAINS IN BOTH READING/LANGUAGE ARTS AND MATHEMATICS. A COMPARISON OF SCALED SCORES FROM THE 2002 AND 2003 NORTH CAROLINA END-OF-GRADE TESTS REVEALED GAINS IN TOTAL READING AND MATHEMATICS, RESPECTIVELY.

BRENTWOOD ELEMENTARY SCHOOL ACQUIRED LIGHTSPAN ACHIEVE NOW™ WITH LOCAL MONIES. THE PROGRAM IMPLEMENTATION CONSISTED OF A CLASSROOM LAB WITH 10 STATIONS. STUDENTS RECEIVED CURRICULUM REINFORCEMENT THREE DAYS PER WEEK FOR THIRTY MINUTES. THIRD-, FOURTH-, AND FIFTH-GRADE STUDENTS WERE ASSESSED USING THE 2002 AND 2003 NORTH CAROLINA END-OF-GRADE STATE TESTS TO MEASURE ACADEMIC GROWTH AND PROGRAM EFFECTIVENESS.

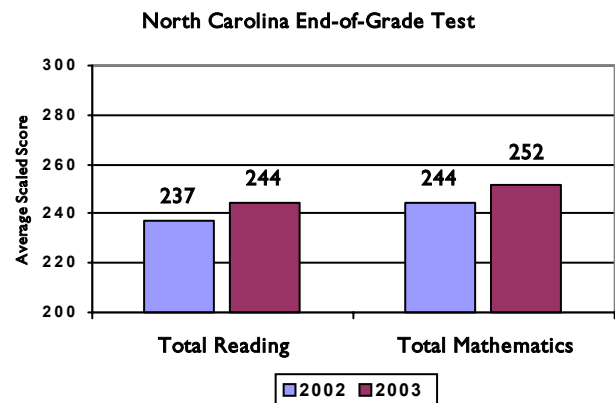
Third-graders post strong gains in Reading and Mathematics

Third-grade students using Lightspan Achieve Now curriculum realized increases of 18% in Total Reading/Language Arts and 31% in Total Mathematics respectively, when 2002-03 scaled scores were calculated and compared from the North Carolina End-of-Grade Tests.



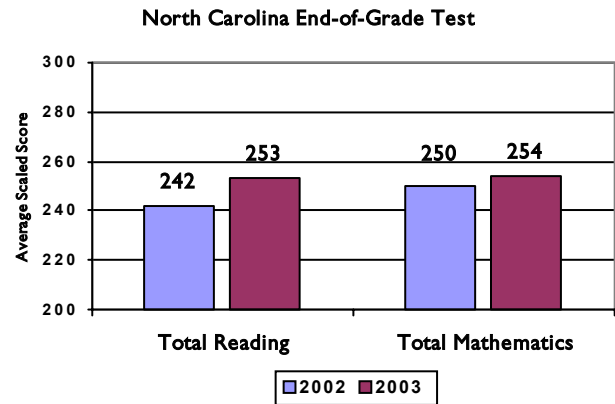
Moderate gains posted by fourth-grade students in Reading and Mathematics

Fourth-grade students using Lightspan Achieve Now curriculum realized increases of 14% in Total Reading/Language Arts and 13% in Total Mathematics respectively, when 2002-03 scaled scores were calculated and compared from the North Carolina End-of-Grade Tests.



Strong gains posted by fifth-grade students in Reading; moderate gains achieved in Mathematics

Fifth-grade students using Lightspan Achieve Now curriculum realized increases of 22% in Total Reading/Language Arts and 5% in Total Mathematics, respectively, when 2002–03 scaled scores were calculated and compared from the North Carolina End-of-Grade Tests.



Cumberland County School District Program Background

Cumberland County School District is located in the central region of North Carolina. It is comprised of 53 elementary schools, 18 middle schools, and 10 high schools serving approximately 51,000 students from several ethnic backgrounds, i.e., American Indian, Asian, Hispanic, African-American, Caucasian, and other ethnicities.

In September 2002, Cumberland County School District, with the use of local funds, expanded its current Lightspan Achieve Now implementation to include all elementary and middle schools. Schools initiated their implementation on an individual basis. Independent school sites personalized their implementation to meet grade level and student achievement needs by targeting 50 students.

This implementation began in September 2002. Throughout the school year, principals at participating schools attended planning meetings to develop school goals, evaluation plans, and professional development sessions for the Lightspan Achieve Now implementation. Site support and opportunities for professional development were made available to individual school personnel and included aligning the Lightspan curriculum to the North Carolina State Standards.

Brentwood Elementary Program Background

Brentwood Elementary School is one of the Cumberland County sites using Lightspan Achieve Now. The school is located in Fayetteville and serves 632 students in grades pre-K through third.

Implementation of the Lightspan Achieve Now standards-based curriculum program at Brentwood Elementary School began in February 2003, funded by local monies. The program was designed to enhance interactive learning opportunities for students through the use of motivating curriculum software aligned to the North Carolina Standards and the North Carolina End-of-Grade Test.

During the 2002–03 school year, the Lightspan lab coordinator worked with the Lightspan professional development consultant onsite several times. During these meetings, alignment to the North Carolina State Standards was completed and discussed. Also, these sessions helped the lab coordinator utilize Lightspan Achieve Now effectively, maximizing the students' time in the lab setting of 10 stations. Throughout the school year, the lab coordinator used the Lightspan curriculum to enhance direct instruction and individualized learning. Targeted third-, fourth-, and fifth-grade students worked with Lightspan Achieve Now in Reading,

Language Arts, and Mathematics three days per week during thirty-minute sessions. Non-targeted students also had access to the Lightspan lab on a regular basis.

Progress was monitored throughout the course of the implementation using multiple assessments such as interim progress checks, district benchmarks, interviews, lab coordinator records, student portfolios, and the North Carolina End-of-Grade Test.



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