

# Seventy-First Classical Middle School

CUMBERLAND COUNTY SCHOOL DISTRICT  
FAYETTEVILLE, NORTH CAROLINA

## SCHOOL PROFILE

545 STUDENTS, GRADES 6-8  
28% Free/Reduced Lunch  
46% White  
6% Hispanic  
4% Asian-American  
44% African-American

## LIGHTSPAN ACHIEVE NOW™ IMPLEMENTATION

- Classroom Lab Implementation
- Grades 6-8
- Implementation began November 2002
- Reading/Language Arts, Mathematics Focus

## RESEARCH INSTRUMENTS

North Carolina End-of-Grade Test

## RESEARCH TIME FRAME

2002-03 School Year

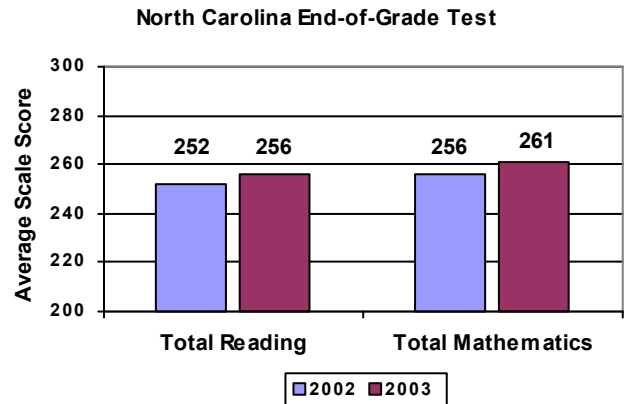
### MIDDLE SCHOOL STUDENTS DISPLAY GAINS IN READING AND MATHEMATICS

DURING THE 2002-03 SCHOOL YEAR, TARGETED STUDENTS AT SEVENTY-FIRST CLASSICAL MIDDLE SCHOOL SHOWED INCREASED SCORES ON THE EOG IN BOTH LANGUAGE ARTS AND MATHEMATICS. A COMPARISON OF THE 2002 AND 2003 SCORES ON THE NORTH CAROLINA END-OF-GRADE ASSESSMENT TESTS REVEALED AN INCREASE OF 7PERCENT IN READING AND 6 PERCENT IN MATH BY SIXTH GRADERS, AN INCREASE OF 10 PERCENT IN READING AND 5 PERCENT IN MATH BY THE SEVENTH GRADERS, AND 9 PERCENT IN READING AND 5 PERCENT IN MATH BY EIGHTH GRADERS.

SEVENTY-FIRST CLASSICAL MIDDLE SCHOOL ACQUIRED LIGHTSPAN ACHIEVE NOW™ WITH LOCAL MONIES. THE PROGRAM IMPLEMENTATION WAS SET UP AS A LAB WITH TEN STATIONS WHERE THE STUDENTS RECEIVED REINFORCED CURRICULUM INSTRUCTION TWO TO THREE DAYS PER WEEK, FOR FORTY-FIVE MINUTES. SIXTH, SEVENTH, AND EIGHTH GRADE STUDENTS WERE ASSESSED USING THE 2002 AND 2003 NORTH CAROLINA END-OF-GRADE ASSESSMENTS TO MEASURE ACADEMIC GROWTH AND PROGRAM EFFECTIVENESS.

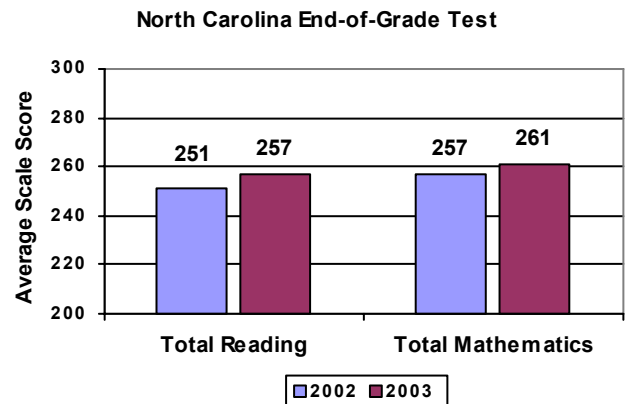
## Moderate gains posted by sixth-grade students in Mathematics

Sixth-grade students using Lightspan Achieve Now™ curriculum realized an increase of 7% in Total Reading and 6% in Total Mathematics, when 2002 and 2003 scale scores were calculated and compared from the North Carolina End-of-Grade tests.



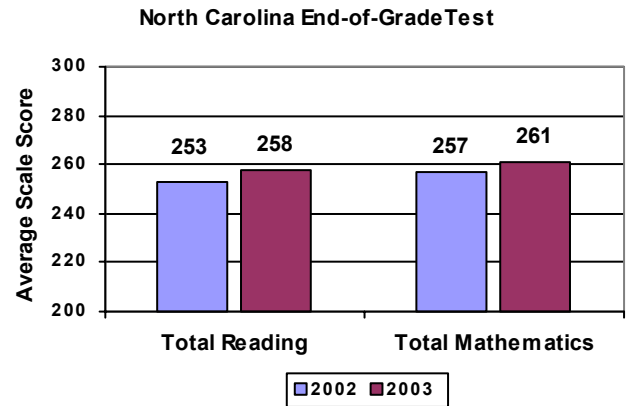
## Seventh-grade students Moderate gains in Reading and Mathematics

Seventh-grade students using Lightspan Achieve Now™ curriculum realized an increase of 10% in Total Reading and 5% in Total Mathematics, when 2002 and 2003 scale scores were calculated and compared from the North Carolina End-of-Grade tests.



## Eighth-graders post Moderate gains in Reading and Mathematics

Eighth-grade students using Lightspan Achieve Now™ curriculum realized an increase of 9% in Total Reading and 5% in Total Mathematics, when 2002 and 2003 scale 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: American Indian, Asian, Hispanic, African-American, Caucasian, and others.

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 targeted 50 students and personalized their implementation to meet grade level and student achievement needs by targeting 50 students.

The implementation began during the September, 2002. Throughout the school year, principals at participating schools attended planning meetings to develop school goals, evaluation plans, and professional development activities for the Lightspan Achieve Now™ implementation. Site support and opportunities for professional development were made available to individual school personnel. A key to these sessions was the alignment of the Lightspan curriculum to North Carolina State Standards.

## Seventy-First Classical Program Background

Seventy-First Classical Middle School is one of the Cumberland County schools using Lightspan Achieve Now. The school is located in Fayetteville, NC and serves approximately 540 students in sixth through eighth grades. This classical middle school of choice is based on the philosophy that children learn best when distractions are minimized and emphasis is placed on academics. The focus of the school is on a very traditional, highly structured educational program.

Implementation of the Lightspan Achieve Now™ standards-based curriculum program at Seventy-First Classical Middle School began in November 2002 and was funded by local monies. The program was designed to enhance interactive learning opportunities to students through the use of motivating curriculum software aligned to the North Carolina state standards.

During the 2002-03 school year, the Lightspan Lab coordinator attended professional development sessions to align the Lightspan Achieve Now™ with the North Carolina state standards. During the sessions, the lab coordinator identified Lightspan activities and materials that correlated to student needs identified by the 2002 End-of-Grade Test. The lab coordinator utilized Lightspan Achieve Now™ curriculum for direct instruction and individualized learning improvement. Sixth, seventh, and eighth grade students utilized the Lightspan Achieve Now™ for Reading/Language Arts and Mathematics. Depending upon the students' schedules, the lab was utilized two or three times per week for forty-five minutes. Throughout the implementation, the lab coordinator directed the instruction and Lightspan curriculum towards individual needs.

Results were measured throughout the course of the implementation by multiple assessments such as interim progress checks, district benchmarks, teacher records, and the North Carolina End-of-Grade tests.



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