

Bethel Grove Elementary School

MEMPHIS CITY SCHOOL DISTRICT
MEMPHIS, TENNESSEE

SCHOOL PROFILE

450 STUDENTS, GRADES K-5
89% Free/Reduced Lunch
99% African-American
1% Hispanic

FIRST- AND SECOND-GRADE STUDENTS DEMONSTRATE GAINS IN VOCABULARY COMPREHENSION

DURING THE 2002-03 SCHOOL YEAR, FIRST- AND SECOND-GRADE STUDENTS WHO USED THE LIGHTSPAN® EARLY READING PROGRAM IN THE CLASSROOM AND AT HOME DEMONSTRATED GAINS IN VOCABULARY COMPREHENSION AS MEASURED BY THE LIGHTSPAN PROGRESS TEST. A COMPARISON OF PRETEST AND POST-TEST SCORES REVEALED GAINS OF 23.1% FOR FIRST-GRADE STUDENTS AND 27.1% FOR SECOND-GRADE STUDENTS.

BETHEL GROVE ELEMENTARY RECEIVED A READING EXCELLENCE GRANT AND CHOSE TO IMPLEMENT THE LIGHTSPAN EARLY READING PROGRAM AS PART OF THE SCHOOL IMPROVEMENT PLAN. FIRST- AND SECOND-GRADE STUDENTS USED THE LIGHTSPAN EARLY READING PROGRAM AT SCHOOL AND AT HOME BEGINNING IN NOVEMBER 2002. THE LIGHTSPAN PROGRESS TEST WAS ADMINISTERED TO STUDENTS TO ASSESS ACADEMIC GROWTH.

LIGHTSPAN ACHIEVE NOW™ IMPLEMENTATION

- Classroom/ Family Homework Model
- Grades 1-2, Began November 2002
- Home Deployment
- Vocabulary Comprehension Focus
- Reading Excellence Act

RESEARCH INSTRUMENTS

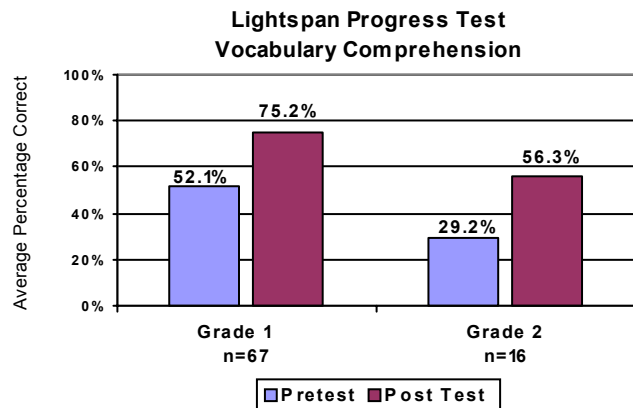
Lightspan Progress Test

RESEARCH TIME FRAME

2002-03 School Year

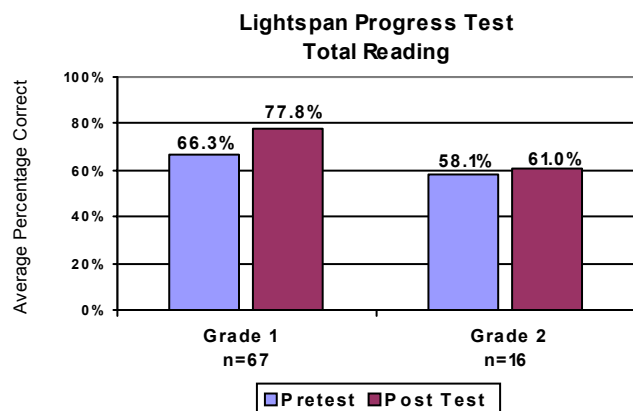
Bethel Grove Elementary students improve in Vocabulary Comprehension

First- and second-grade students using the Lightspan Early Reading Program achieved gains in Vocabulary Comprehension. A comparison of pre- and post-test scores revealed an increase of 23.1% for first-grade students. Second-grade students gained 27.1% in Vocabulary Comprehension when pretest and post-test scores were compared.



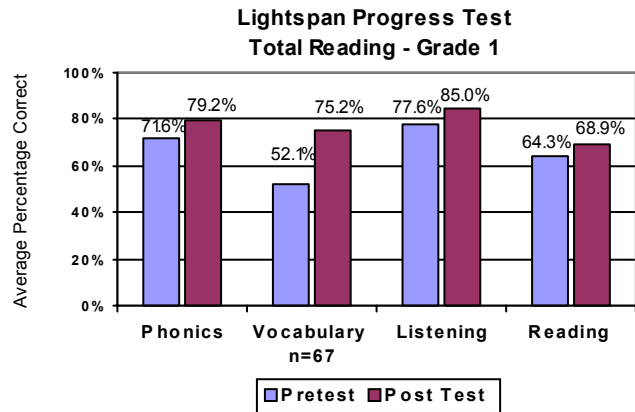
Gains achieved in Total Reading by all participating students

Students in first- and second-grades using the Lightspan Early Reading Program raised their overall reading scores as measured by the Lightspan Progress Test. First-grade students realized an increase of 11.5% and second-grade students demonstrated a 2.9% overall gain in reading scores.



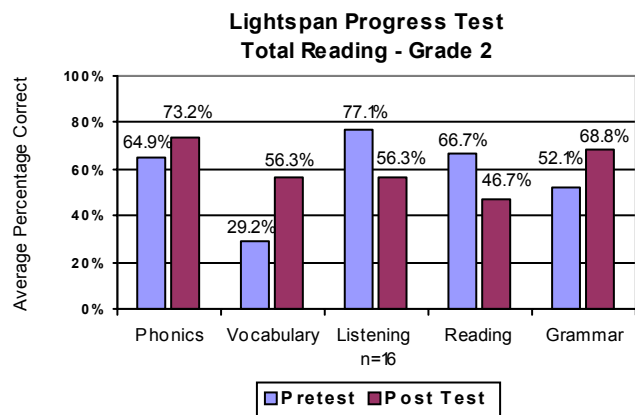
First-grade students display improvements on all Reading objectives

First-grade students realized increases on all reading objectives of the Lightspan Progress Test when pre- and post-test scores were compared. The greatest improvement posted was a 23.1% increase in Vocabulary Comprehension. Listening Comprehension scores increased from a pretest score of 77.6% to a post-test score of 85%. Also, gains were achieved in both Phonics and Reading Comprehension.



Increased mastery in Reading for second-grade students

Student achievement goals established by Bethel Grove Elementary for the Lightspan implementation were met. Second-grade students achieved gains of 27.1% in Vocabulary Comprehension as well as 16.7% in Grammar, Mechanics and Usage. Students increased scores by 8.3% in Phonics, Decoding and Word Analysis, moving from a pretest score of 64.9% to a post-test score of 73.2%.



Bethel Grove Elementary Program Background

Bethel Grove Elementary School, located in Memphis, Tennessee is part of a large urban community and serves a growing population of over 450 students in kindergarten through fifth grades. Sixty-seven students in grade one and sixteen students in grade two were targeted for the Lightspan Early Reading Program implementation. A specific goal identified for this implementation was to have students in first and second grades improve Vocabulary Comprehension skills by one percent as measured by the Lightspan Progress Test.

All students participating in the Lightspan Early Reading Program were pre-tested in November 2002 using the Lightspan Progress Test. The Lightspan Progress Post Test was administered in May 2003. Teachers attended professional development sessions to analyze pre-test results and determine greatest areas of need by grade, class and individual students. The Lightspan Early Reading Program was aligned with the district's curriculum and Tennessee State Standards. Throughout the school year, teachers used the Lightspan curriculum for direct instruction and individualized student-learning improvement. Teachers sent CDs, being used in the classroom, home with students on a weekly basis. Family members attended a training session where students and teachers demonstrated the Lightspan Early Reading Program software using PlayStation® game consoles and

Lightspan Achieve Now CDs. Parents participated through hands-on experiences with their child in individual classrooms. The second year of the Reading Excellence Grant will include all second-grade classrooms and expand the Lightspan Early Reading Program, allowing all first- and second-grade students an opportunity to participate during the 2003–04 school year.



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