

<h1>College Hill Elementary School</h1> <p>TEXARKANA, ARKANSAS SCHOOL DISTRICT NUMBER 7 TEXARKANA, ARKANSAS</p>	<p>SCHOOL PROFILE</p> <p>261 STUDENTS, GRADES K-4 82% Free/Reduced Lunch 48.5% White 48.5% African-American 1% Other</p>
	<p>LIGHTSPAN ACHIEVE NOW™ IMPLEMENTATION</p> <ul style="list-style-type: none"> Classroom Model Grades 2-4, Began September 2002 Reading/Mathematics Focus Comprehensive School Reform
<p>STUDENTS IN SECOND- THROUGH FOURTH-GRADES SHOW GAINS IN BOTH READING/LANGUAGE ARTS AND MATHEMATICS</p> <p>DURING THE 2002-03 SCHOOL YEAR, SECOND- THROUGH FOURTH-GRADE STUDENTS AT COLLEGE HILL ELEMENTARY SCHOOL DEMONSTRATED GAINS IN BOTH READING/LANGUAGE ARTS AND MATHEMATICS. COMPARISON OF TOTAL PERCENTAGE CORRECT SCORES ON THE LIGHTSPAN PROGRESS PRETEST AND POST TEST REVEALED GAINS OF 13% IN READING/LANGUAGE ARTS AND 19% IN MATHEMATICS.</p> <p>COLLEGE HILL ELEMENTARY RECEIVED A COMPREHENSIVE SCHOOL REFORM GRANT AND CHOSE TO IMPLEMENT LIGHTSPAN ACHIEVE NOW™ AS PART OF THE SCHOOL IMPROVEMENT PLAN. SECOND- THROUGH FOURTH-GRADE STUDENTS USED LIGHTSPAN ACHIEVE NOW IN CLASSROOM CENTER ROTATIONS A MINIMUM OF THREE TIMES WEEKLY FOR THIRTY TO FORTY-FIVE MINUTES PER SESSION. PARTICIPATING STUDENTS WERE ASSESSED USING THE LIGHTSPAN PROGRESS TESTS PRIOR TO AND FOLLOWING COMMENCEMENT OF THE IMPLEMENTATION TO MEASURE ACADEMIC GROWTH AND PROGRAM EFFECTIVENESS.</p>	<p>RESEARCH INSTRUMENTS</p> <p>Lightspan Progress Test</p>
	<p>RESEARCH TIME FRAME</p> <p>2002-03 School Year</p>

SCHOOL IMPLEMENTATION PROGRESS

Standards: College Hill Elementary School was awarded Comprehensive School Reform (CSR) Grant funding and chose the Lightspan Achieve Now skill-and-content model to support efforts of the reform. The school is guided by the philosophy of a balanced approach to teaching and learning aligned with Arkansas Benchmarks. College Hill Elementary School aligned district outcomes to targeted Lightspan Achieve Now objectives.

Curriculum and Instruction: Lightspan’s interactive curriculum was integrated into all grade levels, second through fourth. Classroom integration included student rotations into the computer lab three times weekly for thirty minutes throughout the entire school year. Individual student achievement drove instruction for the class as well as individual students. The Lightspan curriculum reinforced and extended learning concepts.

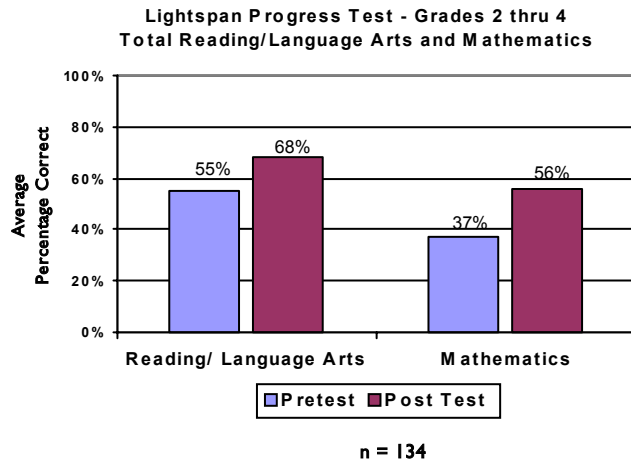
Assessment/Evaluation: Assessments monitored student progress throughout the school year. The school used multiple assessments to monitor student progress which included–Lightspan Progress Tests, Lightspan Progress Checks, and teacher-designed assessments. The school administered the CSR School Self Assessment to monitor the implementation and define next steps.

Professional Development: In professional development sessions, staff used their district scope and sequence to align Lightspan Adventures® CDs to their instruction. This enabled teachers to identify and select appropriate Lightspan materials for instructions. Teachers created individual student plans based on needs indicated by the pretest of the Lightspan Progress Test. The site worked with the Lightspan consultant to develop a time line of support, i.e., providing teacher development opportunities over time.

Parental Involvement: During the first year of the CSR Grant, family involvement was not a top priority. Families were invited to an informational meeting to learn about the CSR Grant and the Lightspan Achieve Now program. Year two of the grant will include a focus on home deployment of Lightspan materials and extend student learning beyond the regular school day.

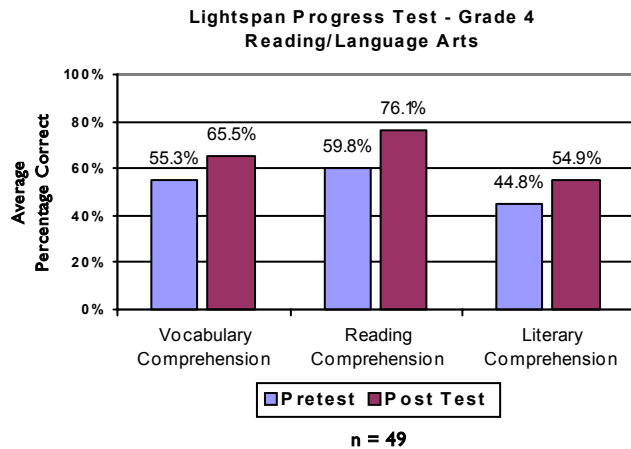
Participating students post gains in Reading/Language Arts and Mathematics

College Hill elementary students in second through fourth grades using Lightspan Achieve Now raised by 13% and 19% their average Lightspan Progress Test performance in Reading/Language Arts and Mathematics, respectively. On average, students moved from a pretest score in Reading/Language Arts of 55% correct to a post-test score of 68% correct. The average Mathematics pretest score of 37% correct was improved by 19% to a post-test average of 56% correct.



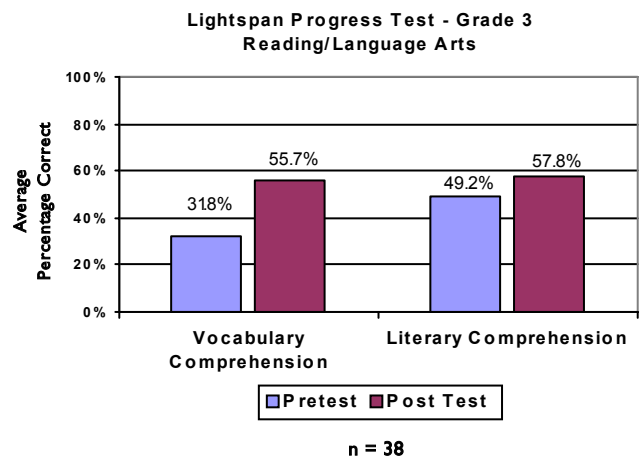
Fourth-graders demonstrate gains of 16.3% in Reading Comprehension

Reading/Language Arts performance improved for fourth-grade students using Lightspan Achieve Now. Students scored an average total percentage correct gain of 10.2% in Vocabulary Comprehension, 16.3% in Reading Comprehension, and 10.1% in Literary Comprehension as measured by the Lightspan Progress Pretest and Post Test.



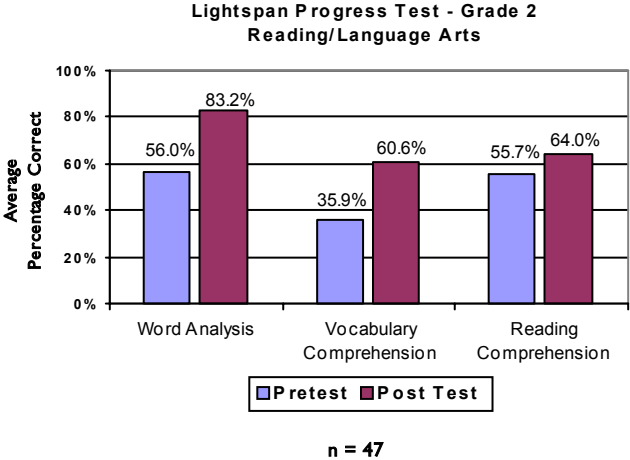
Third-grade students achieve gains in Vocabulary and Literary Comprehension

Third-grade students using Lightspan Achieve Now raised by 23.9% and 8.6% their Lightspan Progress Test reading performance in Vocabulary and Literary Comprehension, respectively. In Vocabulary Comprehension, students achieved an average score of 31.8% correct at pretest and increased to an average of 55.7% correct at post test, for a gain of 23.9%. In Literary Comprehension, students achieved an average score of 49.2% correct at pretest and increased to an average score of 57.8% correct at post test, for a gain of 8.6%.



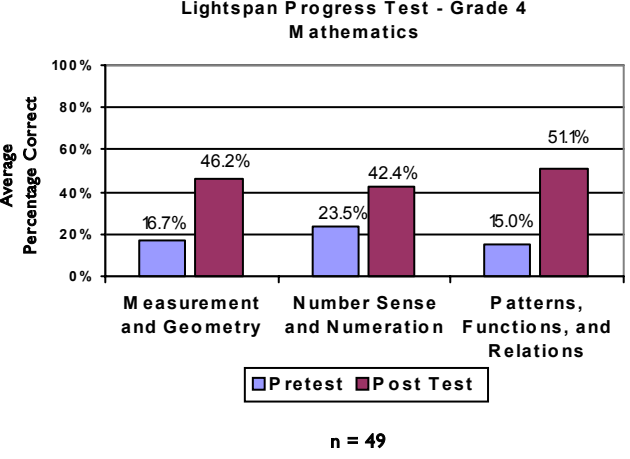
Second-grade students realize gains of 27.2% in Word Analysis and 24.7% in Vocabulary

Reading performance improved for second-grade students after using Lightspan Achieve Now. Comparison of total percentage correct scores on the Lightspan Progress Pretest and Post Test revealed gains of 27.2% in Word Analysis, 24.7% in Vocabulary Comprehension, and 8.3% in Reading Comprehension.



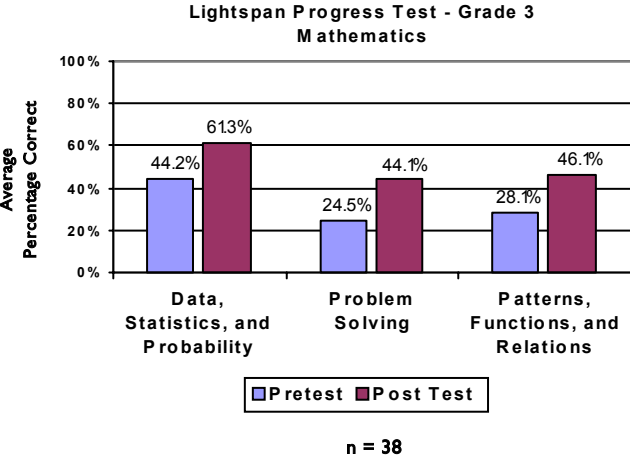
Mathematics gains of 36.1% achieved by fourth-grade students in Patterns

Mathematics performance improved for fourth-grade students after using Lightspan Achieve Now. On average, students moved from a pretest score of 16.7% correct in Measurement and Geometry to a post-test score of 46.2% correct, for a gain of 29.5%. The average Number Sense pretest score of 23.5% was improved by 18.9% to a post-test average of 42.4% correct. In Patterns, Functions, and Relations, students achieved an average score of 15% correct at pretest and increased to an average score of 51.1% correct at post test, for a gain of 36.1%.



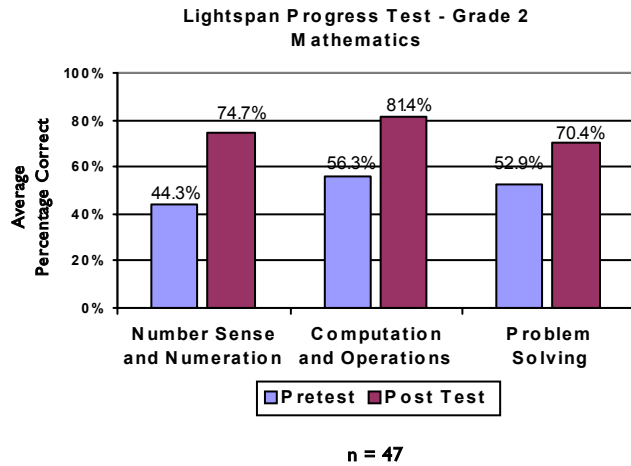
Third-grade students displayed gains of 19.6% in Problem Solving

Performance in mathematics improved for third-grade students after using Lightspan Achieve Now. In Data, Statistics, and Probability, students scored an average of 44.2% correct on the pretest and 61.3% correct on the post test, for an average overall gain of 17.1%. In Problem Solving, students moved from a pretest score of 24.5% correct to a post-test score of 44.1% correct, for a gain of 19.6%. The average Patterns, Functions, and Relations score of 28.1% correct was improved by 18% to a post-test average of 46.1% correct.



Second-grade students advance in Number Sense by 30.4%

Second-grade students using Lightspan Achieve Now showed gains in mathematics as measured by the Lightspan Progress Pretest and Post Test. In Number Sense and Numeration, students achieved an average score of 44.3% correct at pretest and increased to an average score of 74.7% correct at post test, for a gain of 30.4%. The average Computation and Operations pretest score of 56.3% correct was improved by 25.1% to a post-test average of 81.4% correct. In Problem Solving, students achieved an average score of 52.9% correct at pretest and increased to an average score of 70.4% correct at post test, for an overall gain of 17.5%.



College Hill Elementary Program Background

College Hill Elementary is located in Texarkana, Arkansas and serves 261 students in grades pre-kindergarten through fourth. Student population is comprised of 48.5% White, 48.5% African-American, and 3% other, with 82% qualifying for free/reduced lunch. The Texarkana Arkansas School District along with College Hill Elementary are creating opportunities for excellence through encouraging lifelong learners in a changing world with emphasis on quality and equity for all through site-based planning. Lightspan Achieve Now™ was used to enhance classroom instruction and provide students extended opportunities for more time on task.

Lightspan Achieve Now was purchased with Comprehensive School Reform (CSR) grant funds. The Lightspan implementation began in August 2002. Upon acceptance of funds, College Hill Elementary was required to integrate all CSR components for school reform. The grant was written to enhance instruction using motivational software aligned to Texarkana Arkansas School District No. 7 and Arkansas State Benchmarks. Following acceptance of the grant, College Hill Elementary added three computer centers in all classrooms using the Lightspan Adventures®.

Throughout the 2002–03 school year, teachers at College Hill Elementary attended professional development sessions to align district scope/sequence and individual student needs to Lightspan curriculum. Teachers analyzed results from Lightspan Progress Pre- and Post Tests, created student plans to meet individual student needs, and aligned Lightspan activities to daily instruction. Students in grades K–4 worked with Lightspan Achieve Now curriculum in the classroom a minimum of three times weekly for thirty minutes, thereby increasing time on task for mastery learning.

Student achievement results throughout the implementation were measured by multiple assessments including Lightspan Progress Tests, Lightspan Progress Checks, and teacher-made assessments and surveys.

Based on program success and feedback from teachers, College Hill Elementary plans to use second-year CSR funding to purchase PS one™ game consoles and Lightspan Achieve Now curriculum for students' home use. Additionally, the school would like to purchase more Lightspan Achieve Now licenses for a computer lab designed for student rotations daily and weekly.