

# McLean County School District

CALHOUN, LIVERMORE, AND SACRAMENTO ELEMENTARY SCHOOLS  
CALHOUN, KENTUCKY

## DISTRICT PROFILE

**1,600 STUDENTS, GRADES K-12**  
44% Free/Reduced Lunch  
96% White  
1% African-American  
1% Hispanic  
1% Native American

## LIGHTSPAN ACHIEVE NOW™ IMPLEMENTATION

- Lab/Family Homework Model
- Primary First Year, Primary Fourth Year, 4<sup>th</sup> Grade
- Began October 2002
- 10% Home Deployment
- Reading Focus
- Title 1

## RESEARCH INSTRUMENTS

Lightspan Progress Test

## RESEARCH TIME FRAME

2002–03 School Year

### P1\*, P4\*\*, AND FOURTH-GRADE STUDENTS SHOW GAINS IN TOTAL READING SCORES

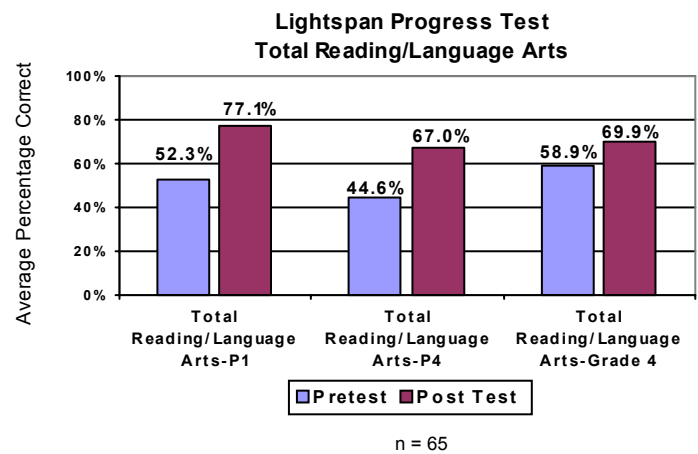
DURING THE 2002–03 SCHOOL YEAR, TARGETED P1, P4, AND FOURTH-GRADE STUDENTS WHO USED LIGHTSPAN ACHIEVE NOW™ IN THE SCHOOL LAB DEMONSTRATED GAINS IN TOTAL READING AS MEASURED BY THE LIGHTSPAN® PROGRESS TESTS. A COMPARISON OF PRE- AND POST-TEST SCORES REVEALED GAINS OF 24.8% FOR P1, 22.4% FOR P4, AND 11% FOR GRADE 4. EVEN HIGHER TOTAL READING GAINS WERE REPORTED FOR STUDENTS WITH HOME DEPLOYMENT, WITH P4 HOME DEPLOYMENT STUDENTS POSTING 41.2% GAINS IN TOTAL READING AND GRADE 4 STUDENTS POSTING 38% GAINS IN TOTAL READING.

MCLEAN COUNTY SCHOOL DISTRICT IMPLEMENTED LIGHTSPAN ACHIEVE NOW IN LABS AND HOMES IN THREE ELEMENTARY SCHOOLS. STUDENTS WERE ASSESSED USING THE LIGHTSPAN READING PROGRESS TESTS BEFORE AND AFTER THE LIGHTSPAN ACHIEVE NOW IMPLEMENTATION TO MEASURE ACADEMIC GROWTH IN READING AND PROGRAM EFFECTIVENESS.

\*PRIMARY FIRST YEAR  
\*\*PRIMARY FOURTH YEAR

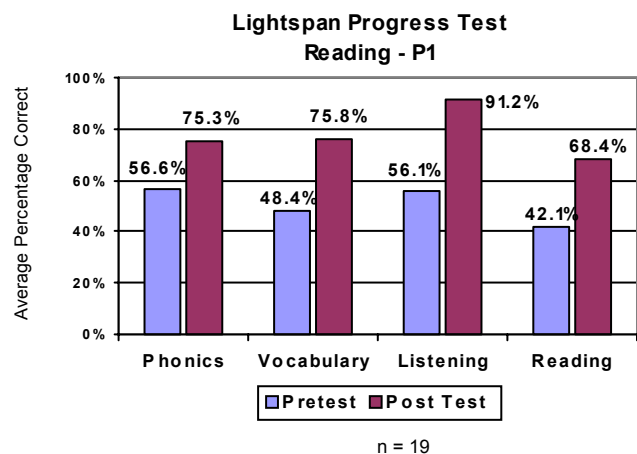
## Gains in total Reading scores realized by all participating students

Students in P1, P4, and fourth grades using Lightspan Achieve Now raised their overall Reading scores as measured by the Lightspan Progress Test. P1 students realized an increase of 24.8% from 52.3% to 77.1%. P4 students had gains of 22.4% moving from 44.6% to 67.0%. Fourth-grade participating students increased from 58.9% to 69.9%, for an 11% gain.



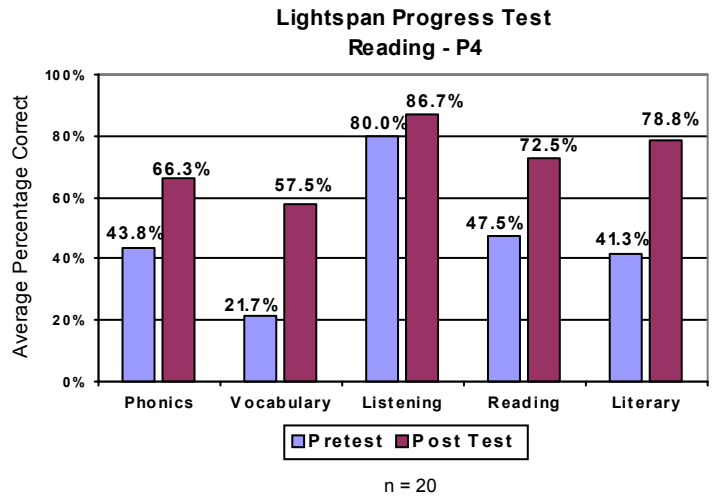
## P1 students improve on all Reading objectives

All objectives of the Lightspan Progress Test showed increases for participating McLean County P1 students. The greatest improvement was in Listening Comprehension where a 35.1% increase was posted. Vocabulary Comprehension showed a gain of 27.4%; and 26.3% gains were posted in Reading Comprehension.



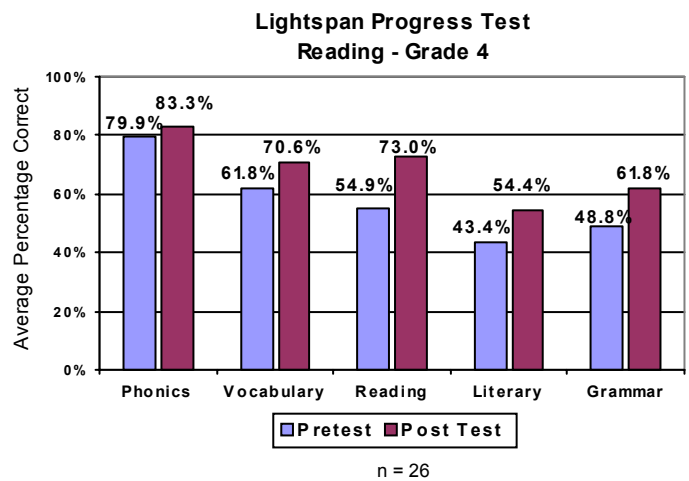
## P4 students show gains of up to 37.5%

P4 students noted gains of 37.5% in Literary Comprehension on the Lightspan Progress Post-Test administered in April 2003. Vocabulary Comprehension scores increased 35.8%. Students also increased their Reading Comprehension scores by posting gains of 25%.



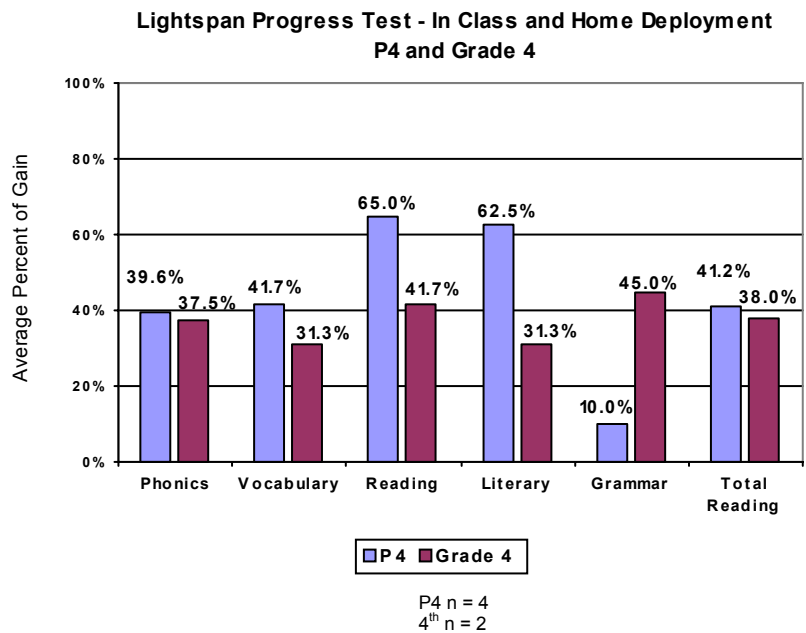
## Gains posted by fourth-grade students on all objectives

Reading Comprehension scores increased 18.1% on the Lightspan Progress Post Test administered in April 2003. Students increased their grammar skills by posting gains of 13%. Additionally, 11% gains were noted in Literary Comprehension moving from 43.4% to 54.4%.



## P4 and fourth-grade students with home deployment show gains in all objectives

Students who used Lightspan Achieve Now at school and home showed greater gains than their counterparts who used Lightspan Achieve Now only at school. P4 Reading Comprehension scores increased 65% on the Lightspan Progress Post Test. Gains were noted also in Literary Comprehension—62.5% for P4 students, and 31.3% for fourth-grade students. Students increased their Vocabulary skills by posting gains of 41.7% in P4 and 31.3% in fourth grade.



## McLean County District Program Background

McLean County Public School District is located in McLean County, Kentucky. It is part of a rural community and serves approximately 1,600 students in grades pre K–12. Approximately 44% of the students receive free or reduced lunch. The district's mission statement is, "Operating with the belief that all students, regardless of gender, national origin, disability or age, can learn at high levels, we will prepare each student for a productive life in the 21st Century providing supportive environments conducive to fostering life-long learning, eliminating barriers to learn, and providing positive linkages between the school, community, and home."

McLean County School District purchased Lightspan Achieve Now using Title I, Migrant Education, and Extended Day funds to raise the level of achievement in reading on the Comprehensive Test of Basic Skills (CTBS/5). Students in grades 3 and 4 with low stanine scores on the spring 2002 CTBS were targeted to use Lightspan Achieve Now. Additionally, kindergarten students who are repeating kindergarten were included in the program. Specific goals of the implementation were (1) 50% of the targeted students will score above the 50th percentile as measured by the spring 2003 CTBS; (2) 50% of the targeted students will show a 10% overall gain in Reading/Language Arts as measured by the Lightspan Progress Test; and (3) families participating in home deployment of Lightspan Achieve Now will become more knowledgeable about school-related activities.

Approximately 100 students were identified for the Lightspan Achieve Now program. Of these, 23 used Lightspan Achieve Now from October to April. 77 students used Lightspan from January to April. Targeted students were administered the Lightspan Progress Test to identify individual student needs. They attended the school lab at least two times per week for a 45-60 minute period. Selected students received additional practice for two hours each week through home deployment. Student progress was monitored through the use of Lightspan Progress Checks.

Professional Development sessions were conducted to train instructors to administer the Lightspan Achieve Now Progress Tests, analyze student strengths and needs, align the Lightspan Adventures® to individual student needs and to district and state standards, and monitor student progress using the Lightspan Progress Checks. Families of selected students attended meetings where the program's goals, desired outcomes, and expectations were explained.

The district's future plans are to include additional students in the Lightspan Achieve Now lab program, to include more students and teachers in the use of Lightspan Achieve Now by making the Adventures available for use in the classroom, and to utilize Lightspan eduTest Assessment™ in conjunction with Lightspan Achieve Now during the school year 2003–04 at Livermore Elementary.

## Calhoun Elementary Program Background

Calhoun Elementary is located in Calhoun, Kentucky. It is part of a rural community and serves a population of 300 students. Approximately 47% of the students receive free or reduced lunch. The school's mission statement is, "The faculty and staff of Calhoun Elementary School are committed to providing an atmosphere that encourages and challenges all students to learn at a higher level of performance through school, home, and community partnerships that enhance collaboration of these partnerships in overcoming barriers of gender, race, national origin, disability, and age, while fostering growth in social and emotional behaviors and attitudes."

McLean County School District purchased Lightspan Achieve Now using Title I, Migrant Education, and Extended Day funds to raise the level of achievement in reading on the Comprehensive Test of Basic Skills (CTBS/5). Students in grades 3 and 4, with low stanine scores on the spring 2002 CTBS, were targeted to use Lightspan Achieve Now. Additionally, kindergarten students who are repeating kindergarten were included in the program. Specific goals of the implementation were (1) 50% of the targeted students will score above the 50th percentile as measured by the spring 2003 CTBS; (2) 50% of the targeted students will show a 10% overall gain in Reading/Language Arts as measured by the Lightspan Progress Test; and (3) families participating in home deployment of Lightspan Achieve Now will become more knowledgeable about school-related activities.

Approximately 20 students were identified for the Lightspan Achieve Now program. Of these, 7 used Lightspan from October to April. The remaining 16 used Lightspan from January to April. Targeted students were administered the Lightspan Progress Test to identify individual student needs. They attended the school lab at least once per week for a 45-60 minute period. Student progress was monitored through the use of Lightspan Progress Checks.

Professional Development sessions were conducted to train instructors to administer the Lightspan Achieve Now Progress Tests, analyze student strengths and needs, align the Lightspan Adventures to individual student needs and to district and state standards, and monitor student progress using the Lightspan Progress Checks.

The school's future plans include targeting more students by moving Lightspan Achieve Now into the classroom and offering professional development for interested teachers.

## Livermore Elementary Program Background

Livermore Elementary is located in Livermore, Kentucky. It is part of a rural community and serves approximately 300 students. Approximately 51% of the students receive free or reduced lunch. Their mission statement is, "The Livermore Elementary School Community's mission is to provide a successful academic, social and emotional foundation for lifelong learning."

McLean County School District purchased Lightspan Achieve Now using Title I, Migrant Education, and Extended Day funds to raise the level of achievement in reading on the Comprehensive Test of Basic Skills (CTBS/5). Students in grades 3 and 4, with low stanine scores on the spring 2002 CTBS, were targeted to use Lightspan Achieve Now. Additionally, kindergarten students who are repeating kindergarten were included in the program. Specific goals of the implementation were (1) 50% of the targeted students will score above the 50th percentile as measured by the spring 2003 CTBS; (2) 50% of the targeted students will show a 10% overall gain in Reading/Language Arts as measured by the Lightspan Progress Test; and (3) families participating in home deployment of Lightspan Achieve Now will become more knowledgeable about school-related activities.

Approximately 40 students were identified for the Lightspan Achieve Now program. Of these, 13 used Lightspan Achieve Now from October to April. 25 students used Lightspan from January to April.

Targeted students were administered the Lightspan Progress Test to identify individual student needs. They attended the school lab at least two times per week for a 45-60 minute period. Six students received additional practice for two hours each week through home deployment. Student progress was monitored through the use of Lightspan Progress Checks.

Professional Development sessions were conducted to train instructors to administer the Lightspan Achieve Now Progress Tests, analyze student strengths and needs, align the Lightspan Adventures to individual student needs and to district and state standards, and monitor student progress using the Lightspan Progress Checks. Families of selected students attended meetings where the program's goals, desired outcomes, and expectations were explained.

Because of the excellent use of Lightspan Achieve Now at Livermore, the district will pilot Lightspan eduTest Assessment™ in this building. For the school year 2003–04, students and teachers will use Lightspan eduTest Assessment to help guide learning.

## Sacramento Elementary Program Background

Sacramento Elementary is located in Sacramento, Kentucky. It is part of a rural community and serves approximately 130 students. Of these, 66% receive free or reduced lunch. The school's mission statement is, "The staff of Sacramento Elementary believes that all students can learn. The role of our school is to create a nurturing learning environment with the support of home and community. We will strive to create a safe environment in which all learners succeed academically, socially, and emotionally."

McLean County School District purchased Lightspan Achieve Now using Title I, Migrant Education, and Extended Day funds to raise the level of achievement in reading on the Comprehensive Test of Basic Skills (CTBS/5). Students in grades 3 and 4, with low stanine scores on the spring 2002 CTBS, were targeted to use Lightspan Achieve Now. Additionally, kindergarten students who are repeating kindergarten were included in the program. Specific goals of the implementation were (1) 50% of the targeted students will score above the 50th percentile as measured by the spring 2003 CTBS; (2) 50% of the targeted students will show a 10% overall gain in Reading/Language Arts as measured by the Lightspan Progress Test; and (3) families participating in home deployment of Lightspan Achieve Now will become more knowledgeable about school-related activities.

Approximately 40 students were identified for the Lightspan Achieve Now program. 37 of these students used Lightspan from January to April. Targeted students were administered the Lightspan Progress Test to identify individual student needs. They attended the school lab at least two times per week for a 45-60 minute period. Student progress was monitored through the use of Lightspan Progress Checks.

Professional Development sessions were conducted to train instructors to administer the Lightspan Achieve Now Progress Tests, analyze student strengths and needs, align the Lightspan Adventures to individual student needs and to district and state standards, and monitor student progress using the Lightspan Progress Checks.

The school plans to incorporate Lightspan Achieve Now into the classroom on a regular basis next year and offer professional development to all interested teachers.



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