

Scott Joplin Elementary School

CHICAGO PUBLIC SCHOOL DISTRICT
CHICAGO, ILLINOIS.

SCHOOL PROFILE

762 STUDENTS GRADES K-8
82% Free/Reduced Lunch
99% African American
1% Asian American

PLATO ACHIEVE NOW™ IMPLEMENTATION

Grades 1-8
After-School Tutorial Model
Supplemental Educational Services
Implementation
Reading/Language Arts/Mathematics
Focus

RESEARCH INSTRUMENTS

Achieve Now Progress Test

RESEARCH TIME FRAME

October-April
2004-2005 School Year

STUDENTS IN GRADES ONE THROUGH EIGHT MAKE GAINS IN READING, LANGUAGE ARTS AND MATHEMATICS

SCOTT JOPLIN ELEMENTARY SCHOOL CHOSE PLATO ACHIEVE NOW TO USE AS PART OF A SUPPLEMENTAL EDUCATIONAL SERVICES (SES) AFTERSCHOOL PROGRAM FOR STUDENTS IN GRADES ONE THROUGH EIGHT. STUDENTS WHO PARTICIPATED IN THE SES IMPLEMENTATION MADE GAINS IN TOTAL READING, LANGUAGE ARTS AND MATHEMATICS.

WHEN PRE- AND POST-TEST SCORES OF THE PLATO® ACHIEVE NOW PROGRESS TEST WERE COMPARED, ON AVERAGE THE COMBINED GROUP OF STUDENTS FROM GRADES ONE THROUGH EIGHT MADE A 1.28 (p=.524) PERCENTAGE POINT GAIN IN TOTAL READING AND LANGUAGE ARTS SCORES AND A 6.69 (p<.001) PERCENTAGE POINT GAIN IN TOTAL MATHEMATICS SCORES. ON AVERAGE, SPECIAL EDUCATION STUDENT PARTICIPANTS MADE A 5.17 (p=.543) PERCENTAGE POINT GAIN IN TOTAL READING AND LANGUAGE ARTS AND A 3.81 (p=.407) PERCENTAGE POINT GAIN IN TOTAL MATHEMATICS SCORE WHEN PRE- AND POST-TEST SCORES WERE EXAMINED.

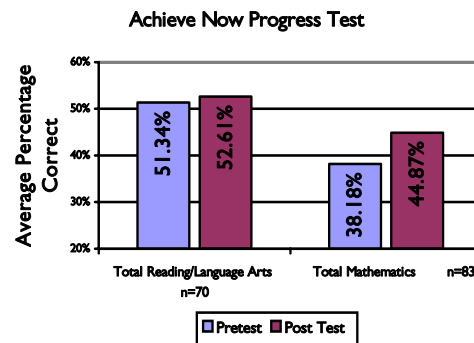
PLATO LEARNING REQUIRES STUDENTS TO ATTEND A MINIMUM OF 75% OF THE SCHEDULED SESSIONS, AND BY THE END OF THE PROGRAM PERIOD, 75% OF THE PROGRAM PARTICIPANTS ARE EXPECTED TO ATTAIN A 15% INCREASE IN PROFICIENCY SCORES.

STUDENTS ATTENDED THE JOPLIN SES PROGRAM FOR A POSSIBLE 60 HOURS OF INSTRUCTION. THE PARTICIPATING STUDENTS WHO HAD BOTH PRE- AND POST-TEST SCORES FROM THE PLATO ACHIEVE NOW PROGRESS TEST MADE AN AVERAGE 8.60% PERCENTAGE CHANGE, IN TOTAL READING AND LANGUAGE ARTS PROFICIENCY SCORES AND AN AVERAGE 31.01% CHANGE IN TOTAL MATHEMATICS PROFICIENCY SCORES. THE PARTICIPATING SPECIAL EDUCATION STUDENTS MADE AN AVERAGE 48.52% INCREASE IN TOTAL READING AND LANGUAGE ARTS PROFICIENCY SCORES AND A 23.22% INCREASE IN TOTAL MATHEMATICS PROFICIENCY SCORES.

STUDENTS TARGETED FOR PARTICIPATION USED PLATO® ACHIEVE NOW INTERACTIVE CURRICULUM TO IMPROVE ACADEMIC PROFICIENCY. STUDENTS WERE ASSESSED USING THE PLATO ACHIEVE NOW PRE-TEST AND PROGRAM SUCCESS WAS MEASURED BY A COMPARISON OF PRE- AND POST-TEST SCORES.

Joplin Elementary students made gains in Total Language Arts and Total Mathematics scores

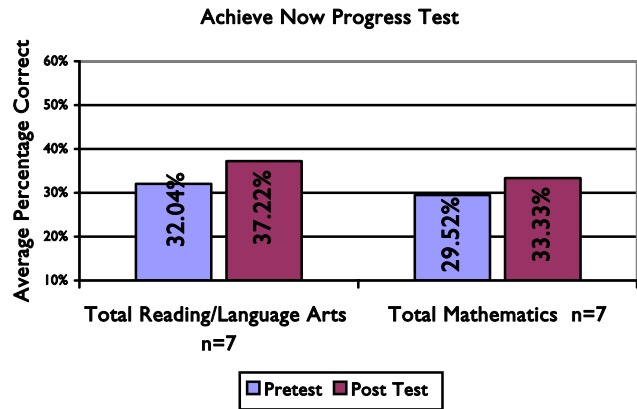
When assessed with the PLATO® Achieve Now Progress Test, on average students in grades one, two, three, four and six who participated in the SES program at Joplin Elementary made a 1.28 (p=.524) percentage point gain in Total Reading and Language Arts moving from an mean score of 51.34% on the pretest to an mean score of 52.61% at post test. On average this combined group of students also made a significant 6.69 (p<.001) percentage point gain in Total Mathematics score moving from an mean score of 38.18% on the



pretest to an mean score of 44.87% at post test.

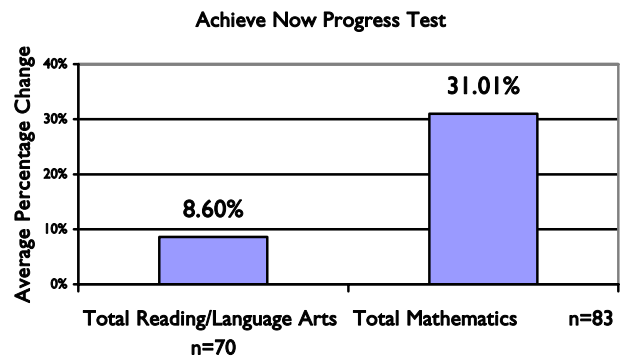
Special Education Students make gains in Reading and Language Arts and Mathematics

When pre- and post-test scores of the PLATO® Achieve Now Progress Test were compared, on average the special education students at Joplin Elementary who participated in the SES program made a 5.17 (p=.543) percentage point increase in Total Reading and Language Arts scores moving from an mean score of 32.04% on the pretest to an mean score of 37.22% on the post test. The special education students also made on average a 3.81 (p=.407) percentage point increase in Total Mathematics score moving from an mean score of 29.52% on the pretest to an mean score of 33.33% at post test. Results for these students are not significant.



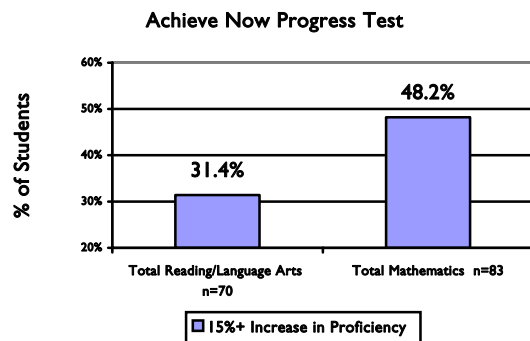
Students make percentage increases in both Reading and Language Arts and Mathematics

When PLATO® Achieve Now pre- and post-test scores were compared, the students participating in the SES Program at Joplin Elementary made an average increase of 8.60% in Total Reading and Language Arts proficiency score and an average percentage increase of 31.01% in Total Mathematics proficiency score. The average attendance hours for those students with both pre- and post-test scores in Reading and Language Arts was 42.34 hours and for those students with both pre- and post-test scores in Mathematics was 42.66 hours.



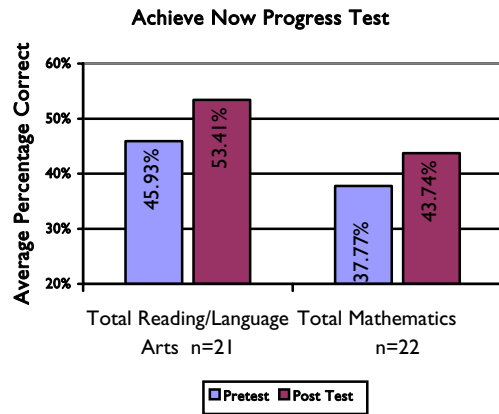
Some students make 15% gain in proficiency scores

Of the students in grades one through eight at Joplin Elementary who had both pre- and post-test scores from the PLATO® Achieve Now Progress Test, 31.4% made a 15% or more increase in Reading and 48.2% made a 15% or more increase in Mathematics.



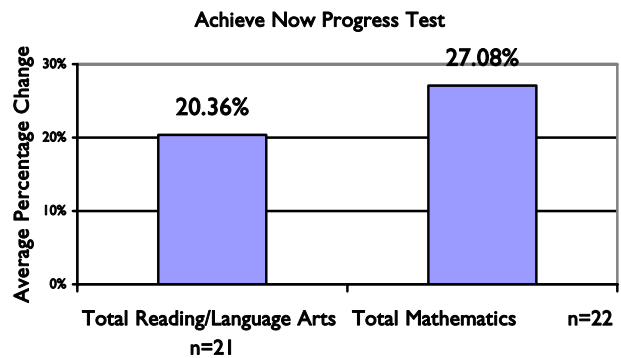
Students with 80% attendance rate make significant gains in Reading and Language Arts and Mathematics

When pre- and post-test scores of the PLATO® Achieve Now Progress Test were compared, on average the Joplin Elementary students who participated in the SES program who had attendance rates of 80% (48+ hours) or more, made a significant 7.49 (p=.010) percentage point in gain in Total Reading and Language Arts moving from a mean score of 45.93% on the pretest to a mean score of 53.41% at post test. On average these students also made a significant 5.97 (p=.037) percentage point gain in Mathematics, moving from a mean score of 37.77% on the pretest to a mean score of 43.74% at post test.



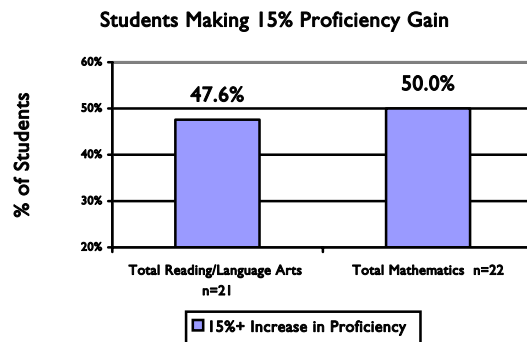
Students with 80% attendance rate make percentage increases in both Reading and Language Arts and Mathematics

When PLATO® Achieve Now pre- and post-test scores were compared, the students participating in the SES Program at Joplin Elementary who had an attendance rate of 80% (48+ hours) or more made an average increase of 20.36% in Total Reading proficiency score and an average increase of 27.08% in Total Mathematics proficiency score. The average attendance hours for those students with both pre- and post-test scores in Reading and Language Arts was 53.86 hours and for those students with both pre- and post-test scores in Mathematics was 54.14 hours.



Students with 80% attendance rate make 15% gain in proficiency scores

When pre- and post-test scores of the PLATO® Achieve Now Progress Test were compared, on average 47.6% of the Joplin Elementary students participating in the SES program with attendance rates of 80% (48+ hours) or more made a 15% or more increase in Total Reading proficiency scores and 50.0% made a 15% or more increase in Total Mathematics proficiency scores.



Scott Joplin Elementary School

Scott Joplin Elementary School was one of thirteen schools in the Chicago Public School District using PLATO® Achieve Now as its Supplemental Educational Service Program. Scott Joplin Elementary School is located in Chicago, Illinois and is set in an urban community. The school serves students in kindergarten through grade eight with 82% receiving free or reduced lunch.

Implementation of the PLATO® Achieve Now curriculum-based program at Scott Joplin Elementary School began in October of 2004 and was funded through a Title I Supplemental Educational Services Program. The goal of this funding was to involve families in choosing the tutorial program that would increase their child's achievement in the areas of Reading, Language Arts and Mathematics and to motivate students to use the standards-based curriculum program in an after-school tutorial setting. Tutors hired by PLATO® Learning and supervised by Scott Joplin Elementary School used PLATO® Achieve Now to augment whole group and direct instruction and to support learning center strategies.

During the implementation, the school used PLATO® Achieve Now in the after-school tutorial program with targeted students in grades one through eight. Special Education students were also given the opportunity to participate without additional intervention in an attempt to provide additional learning experiences for those students. Students attended the SES after-school program for four hours of instruction per week for a total of 60 hours of instruction and focused on instructional objectives identified on individual and group learning paths. Students worked individually or in pairs to complete specific activities on PLATO® Achieve Now CDs.

Multiple assessments used to monitor student progress throughout the program included PLATO Achieve Now Progress Tests, PLATO® Achieve Now Progress Checks, teacher observations and teacher-student activity related discussions.

Choosing PLATO® Achieve Now as the SES skill and content model ensured replicable results and offered an innovative research based curriculum to further support Scott Joplin Elementary School's efforts to increase student achievement.



For more information, call 800.44.PLATO or visit www.plato.com

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