



Success Story

Hueytown Elementary

Jefferson County Schools
Birmingham, Alabama

Demographics:

Designated a Title I school with 782 students

- ▶ 65% White
- ▶ 33% Black
- ▶ 2% Hispanic

45.5% of students participated in the free or reduced lunch program.

The Situation

After reviewing the spring 2003 SAT-10 results, the administration and staff concluded a need for continued emphasis on the improvement of mathematical skills. A pilot study was initiated to evaluate *Kid's College* as a tool for remedial skills building to improve SAT-10 math scores for 4th and 5th grade students.



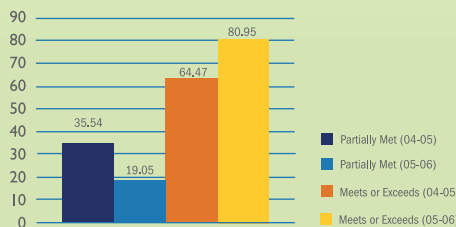
Pilot Study Success Leads to Schoolwide Expansion

27% of total usage after school

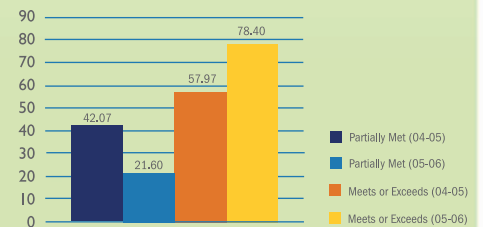
Significant Increase of Students Who Meet or Exceed AYP Standards in Math

- Third Grade - 16.48% increase
- Fourth Grade - 20.0% increase

3rd Grade Comparison of Math Test Scores by # of Students



4th Grade Comparison of Math Test Scores by # of Students



Pilot Study

For the pilot study, one 4th and one 5th grade class were chosen to have access to *Kid's College* for 30 minutes per school day at the school's technology center. Prior to deployment of *Kid's College*, all 4th and 5th grade classes were administered Renaissance Learning's STAR Math™ Test to determine a baseline. After four weeks of instruction and access to *Kid's College*, the STAR Math test was again administered to these classes. The SAT-10 was also used to measure progress.

The Results

Both 4th and 5th grade students used *Kid's College* for 30 minutes per school day, showing measurable performance gains based on STAR and SAT-10 math scores. As a result of this success, *Kid's College* was deployed schoolwide.

"Students who improved most on the SAT were the ones who answered the most questions in Kid's College"

Dr. Sue Nelson, Hueytown Elementary
Jefferson County, Alabama



Results From Pilot Study Yielded the Following:

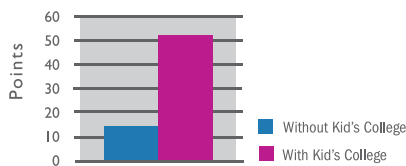
4th Grade math scores showed dramatic improvement in performance for students using *Kid's College* versus students with no access to *Kid's College*:

- Scaled Scores improved 52 points for users vs. 15 points for non-users.
- Grade Equivalent progress was 0.7 for users vs. 0.2 for non-users.
- Percentile Ranking improved 14 points for users vs. 4 points for non-users.
- Normal Curve Equivalent improved 7.6 for users vs. 2.1 for non-users.

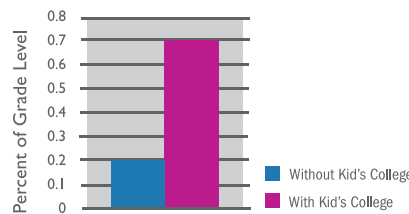
5th Grade scores showed significant improvement for *Kid's College* users:

- Scaled Scores improved 34 points for users vs. 24 points for non-users.
- Grade Equivalent ranking improved 0.6 for users vs. 0.4 for non-users.
- Percentile Ranking improved 10 for users vs. 7 for non-users.
- Normal Curve Equivalent improved 5.6 for users vs. 4.1 for non-users.

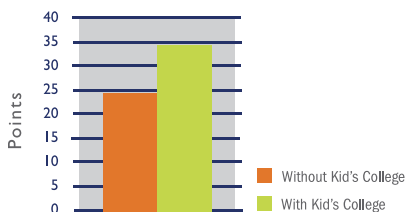
4th Grade Scaled Score Improvement on STAR Math



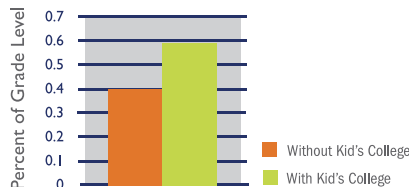
4th Grade Increase in Grade Equivalents



5th Grade Scaled Score Improvement on STAR Math



5th Grade Increase in Grade Equivalents



Conclusion

Based on the results of the Pilot Study, *Kid's College* was made available to all students for in-school and after-school use.

SAT-10 results for all students were positive for the effectiveness of *Kid's College* on math scores. Based on a sample of 109 students who had access to *Kid's College* and were administered the SAT-10 in both 2004 and 2005, measurable improvement in math scores were recorded.

- On the total SAT-10 mathematics battery, average growth was 3.24 percentile points.
- Problem solving recorded an average growth of 8.3 percentile points.
- Of the thirty students in Stanines 1, 2, and 3, all but 4 students showed improvement.
- Overall, 76% of students are scoring in the 4th through 9th Stanine.

