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SUCCESS STORY >

CHIPMAN JUNIOR HIGH 7TH GRADE STUDENTS IMPROVE SAT-9 SCORES

The Situation

Chipman Junior High School, outside Bakersfield, California, draws on a rich mixture of inner-city and suburban students. In the fall of 1999, entering 7th graders seemed especially weak in mathematics, with many lagging by several grade levels. The fact that most of the low-achieving students came from an inner-city environment complicated the situation in that these students seemed to have grown accustomed to expectations well below those of Chipman JHS. With approximately 20 to 25 percent of students bused in from the inner city and another 25 percent who consistently scored above grade level, the heterogeneous groupings created additional pressures for teachers who needed to produce results in the form of consistent SAT-9 scores..

Students received two-and-a-half months of regular math instruction, including two days a week in the computer lab using *Destination Math*®. After this period, the students were tested and those who

continued to lag behind were put into a special class. This second group of students was given intensive labwork using *Destination Math* exclusively for 45 days, after which they were reunited with their regular classmates. For the rest of the year, teachers continued to use *Destination Math* in the regular class labs, with students of all levels, including the gifted students using the Destination software to explore new mathematics concepts.

Project Goals

1. Address the discrepancy between inner city and suburban students.
2. Improve SAT-9 scores



HOUGHTON MIFFLIN HARCOURT
Learning Technology



Customer Profile

Chipman Junior High
School, Bakersfield, CA
850 Students
64% Title I
50% Inner City Students
50% Suburban Students
74% Minority
12% ELL

Products and Services

Destination Math
Professional Development

Key Benefits

Chipman 7th graders averaged in the 60th percentile for math on the SAT-9 outscoring the California average by 10 points.

“Kids who didn’t like math before were really enjoying it. The low achievers participated more. They started turning in their homework. *Destination Math* did such a good job explaining things they had never understood before.”

- Bob Fulenwider, District Math Program Supervisor, Bakersfield City School District, Bakersfield, CA

Solution

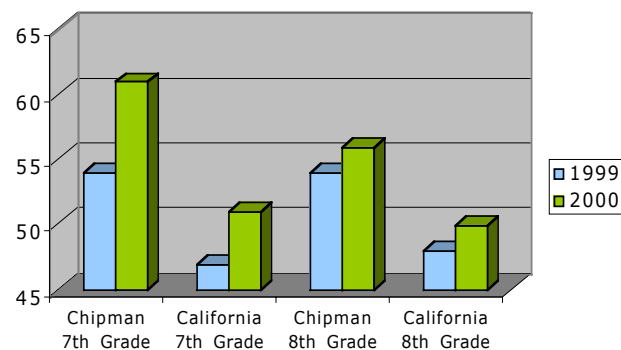
Destination Math was chosen for its breadth of subject matter, for its assessment capabilities, and for the ability to individualize curriculum for students based on assessment results.

Destination Math is a complete (K-12), supplemental mathematics program that teaches basic skills, math reasoning, conceptual understanding, and problem solving. The comprehensive courses move from assessments based on state standards to sequenced, prescriptive, step-by-step instruction in math skills. Students get the individualized skills instruction they need to master the math curriculum.

The Results

Success of the program was measured by results on the 2000 SAT-9 test. Chipman, despite its influx of very low-achieving, at-risk students, demonstrated greater increases than the state average. Chipman students averaged a full 10 points higher than the California average after using *Destination Math*.

Breaking out average scores, the following graph illustrates the difference between the gains at Chipman and those of the state of California:



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