



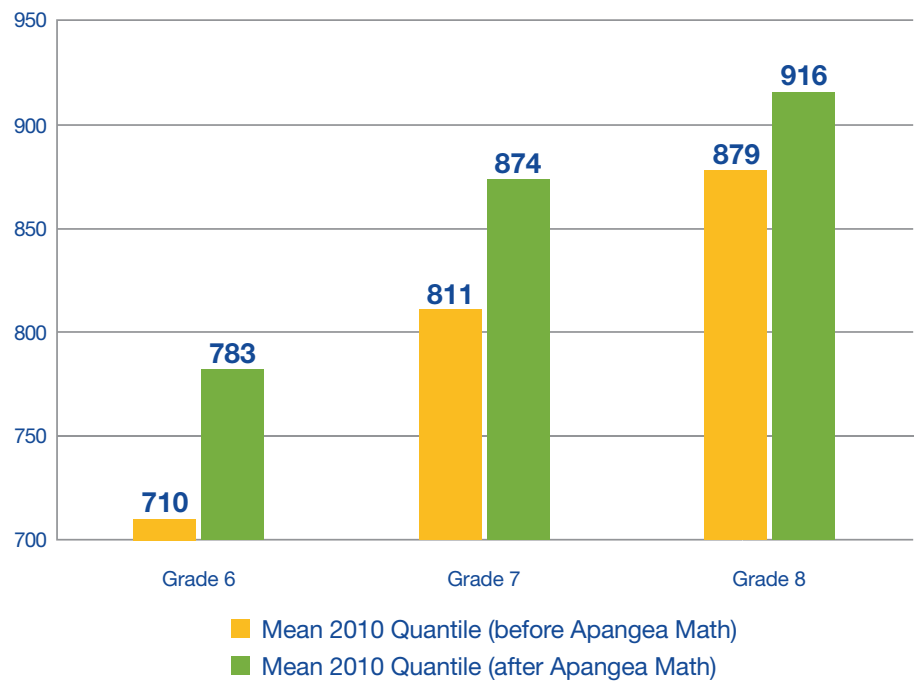
GAINS ON WESTEST 2011: BECKLEY-STRATTON MIDDLE SCHOOL SEES GAINS ACROSS-THE-BOARD

BECKLEY-STRATTON MIDDLE SCHOOL, RALEIGH COUNTY, WEST VIRGINIA

Beckley-Stratton Middle School knew their students had the capacity to succeed. At the end of the 2011 school year, 64% of students in the Apangea Math program achieved a significant increase in Quantile gains. 41% of this group achieved gains of 10% or more.

Beckley-Stratton Middle School implemented the Apangea Math program in three grades and 14 classes. Over the course of the school year, students improved their math skills through over 9,000 lessons and 220,000 problems, reaching out to Apangea Math's Live Math teachers for 72 hours of live one-on-one instruction. They applied that learning by completing approximately 99,000 problems in the Apangea Math Practice Zone where they averaged a positive response rate of 79%.

Quantile Improvements by Grade
2010 vs. 2011



Challenge

Beckley-Stratton Middle School is a rural school set in Beckley, West Virginia. The school serves students in grades 6-8. The student population is comprised of varied socio-economic backgrounds, therefore presenting multiple instructional needs.

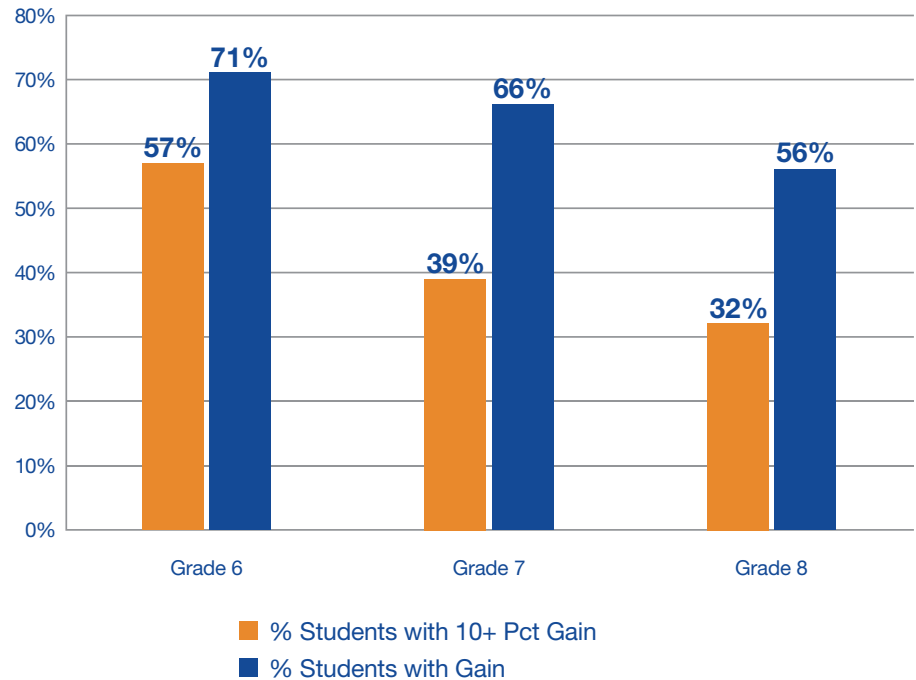
Implementation Design

173 students were identified for remediation and used Apangea Math in addition to their regular curriculum. The program was also used for afterschool tutoring. Taking advantage of Apangea Math's web-based anytime, anywhere access, students were also able to get extra math lessons at home.

Quantile Improvements by Grade % Students with Gain — 2010 vs. 2011

The Practice Zone section of Apangea Math most closely resembles standardized test-style questions; students achieving a 65-70% Positive Response Rate increase their test-taking skills and ultimately improve their performance on standardized tests.

These gains were shared by a high number of students in each grade with 56-71% of students seeing gains overall per grade. In addition, nearly one third to over one half of students achieved Quantile Score increases of **over** 10%.



GAINS REFLECTED ON STATE TEST

The students using Apangea Math saw score increases at each performance level on WESTEST 2011. All three grades saw score increases at the Novice, Partial Mastery, Mastery, and Above Mastery performance levels. On WESTEST 2011, students even began to score in the “Distinguished” performance level compared to the 2010 test where none achieved this level.

We saw impressive gains across-the-board after using Apangea Math, not only in each grade but at each student's performance level. The software's adaptive learning technology makes sure that every student benefits from the right lesson at the right time. Best of all, access to live teachers is invaluable. It's exactly what these students need.

Robert Cole, Teacher
Beckley-Stratton Middle School

View this and other testimonials at
www.apangea.com/testimonials

*Apangea Math is a West Virginia approved vendor. All content is aligned to current state **Content Standards and Objectives** and the **Common Core State Standards**.*

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