

## A Middle and High School Intervention Case Study

### Background

Students attending alternative schools implementing the Breakthrough Education Strategies school reinvention model realized an average math score gain of 37% in The Ascend Math Solution's pre assessment vs. post assessment test results.

Breakthrough Education Strategies provides a powerful educational model that produces comprehensive change from the inside out. A unified program that can be implemented in all classrooms and across all subject areas in middle and high schools, it structures school learning environments and culture for optimum success. To meet objectives in mathematics, Breakthrough Education Strategies turned to The Ascend Math Solution.

Ascend's individualized learning plans and differentiated instruction allowed students to develop their own attainable goals for math success, and provided Breakthrough teachers a means to easily monitor student growth.

With dedicated time to Ascend, some students achieved two to three grade level gains in a twelve month period. As a result of The Breakthrough Education Strategies' model coupled with resources such as Ascend, students at risk of dropping out remained in school, improved behavioral choices, and achieved academic success.



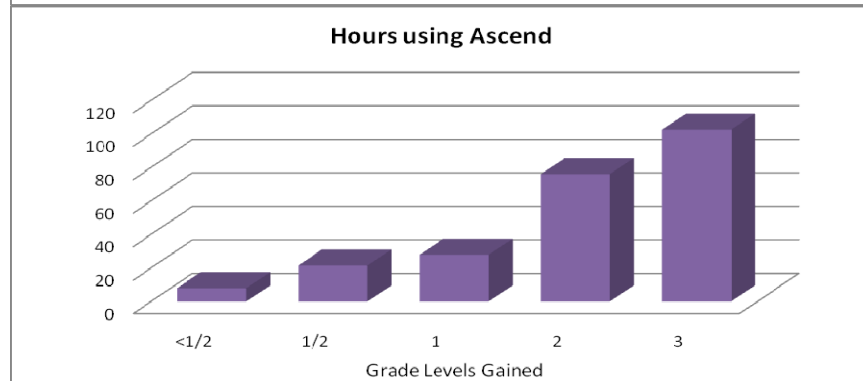
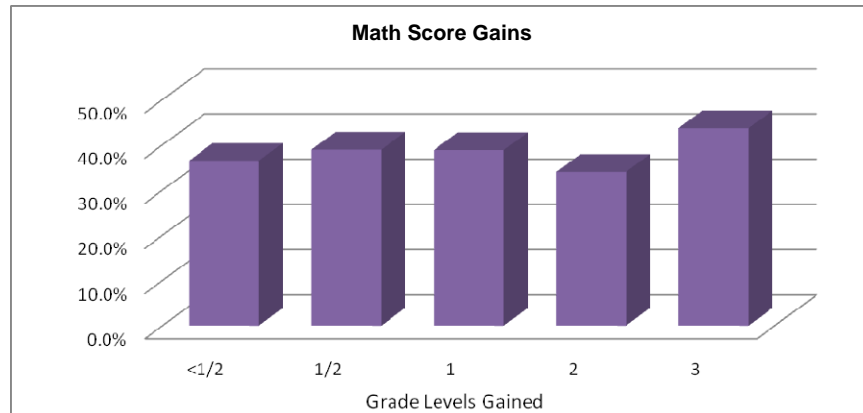
### **Breakthrough Education Strategies**

*Breakthrough Education Strategies helps schools and students succeed together. By weaving an integrated organizational structure, behavioral intervention process and innovative instructional model, it produces comprehensive change from the inside out. This powerful methodology enhances school performance, improves student achievement and expands future career opportunities.*

*"Many of our students have high levels of difficulties in Math and lack the necessary skills needed for success. Ascend has helped us overcome those failure factors by identifying gaps in the learning process and providing individual learning plans that help each student grow confidence and achieve success. That has translated to engaged and motivated kids and a dramatic improvement in behavioral performance."*

**Katie Boland, Lead Teacher – Harding at Night Opportunity School – Bridgeport, CT**

## Breakthrough Education Strategies Data



- Students gained an average of 37% pre test vs. post test
- Students with time on task of 60 or more hours exhibited over 2 years of academic growth

### Helping Breakthrough Education Strategies ASCEND

Like many of the schools using Ascend, Breakthrough Education Strategies valued The Ascend<sup>®</sup> Math Solution's ability to statistically improve math scores and:

- Diagnose students' deficiencies and strengths
- Prescribe targeted instruction
- Assign instruction and practice using proven lessons
- Deliver post-instruction testing
- Adjust learning paths with formative assessments
- Generate student reports by individual, class and school data
- Address state, federal and NCLB accountability requirements

### Can we help you?

For an online, interactive demo & information about our free preview program, please visit [www.ascendedu.com](http://www.ascendedu.com) or call us toll free at **(877) 843-0277**