

## Intervention Case Study

### Background

Students at Nolan Middle School in Manatee County, Florida enjoyed significant gains in their math achievement by using The Ascend<sup>®</sup> Math Solution. Out of the 201 students who attended remediation classes at school, there was a total increase of 2,727 points on the NRT. The average gain was 22.17 points per student. Congratulations to Nolan Middle School for being a top performing school in Manatee County!



Even with the positive math performance of the majority of their students, Nolan Middle School sought to further improve achievement in math, especially for economically disadvantaged students.

During the 2007-2008 fall semester, Nolan teachers implemented Ascend as part of their school improvement plan and added an additional class period focusing on math intervention in grades 6-8. Pre-assessments in the Ascend program identified many students working several grade levels below their assigned grade.

As a result of Ascend's individualized learning plans and differentiated instruction, teachers were pleased with their students' impressive gains and often saw two grade levels of growth in proficiency over the course of the single semester pilot.

In a data-rich pilot study, supported by Ascend's online reporting capabilities, Nolan's growth in achievement data is summarized on the reverse, and was presented at the 2008 Florida Educational Technology Conference in Orlando.

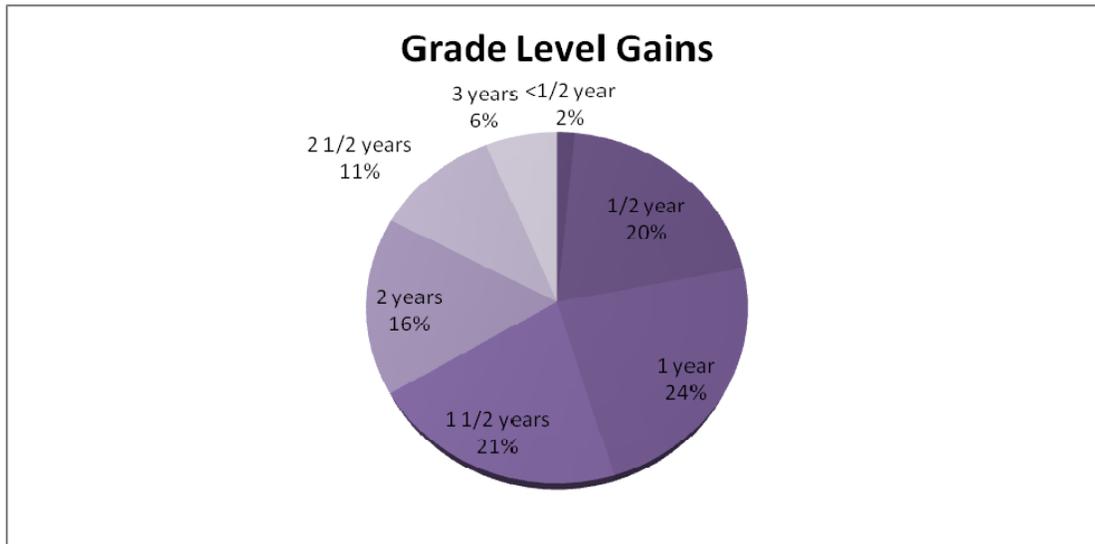
#### Nolan Middle School 2006-2007 Florida A+ Data

- 74% of students at or above grade level in math
- 68% of students making a year's worth of progress in math
- 58% of struggling students making a year's worth of progress in math

*"What I like about Ascend is that it occupies the whole classes' attention. You don't have 13 students raising their hand at the exact same time. This allows me to have one-to-one interaction with the students when they need it at the exact time they need it."*

**Nolan Middle School Teacher**

## NOLAN MIDDLE SCHOOL PILOT DATA



### Percentage of Grade Level Advancement During Intervention Period

- 34% of all students advanced two or more grade levels
- 43% of Grade 7 and 8 students advanced two or more grade levels

*Students gained an average of 35.8% on Ascend's post test vs. pre test*

### Helping Nolan Middle School ASCEND

Like many of the schools using Ascend, Nolan Middle School appreciated 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  
&  
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