

# Raymore Peculiar School District students make significant improvements on the MAP and Terra Nova Reading Tests

## Implementation Objectives

Raymore Peculiar School District was interested in evaluating the impact of the Fast ForWord products on their students. During the 2007-2008 school year, a group of struggling readers in 5<sup>th</sup> through 8<sup>th</sup> grade used the Fast ForWord products and were tested using the Missouri Assessment Program (MAP) and/or the Terra Nova Reading Test.

## Methodology

School personnel tested the students' reading skills at the beginning and end of the study with the Missouri Assessment Program (MAP) and/or the Terra Nova Reading Test. School personnel administered the assessments and were trained in:

- Current findings on the neuroscience of how phonemic awareness and the acoustic properties of speech impact rapid development of language and reading skills
- Methods for assessing candidates for use of Fast ForWord
- Appropriate measures for testing and evaluation
- Effective implementation techniques
- Use of Progress Tracker reports to monitor student performance
- Techniques for measuring gains students achieve after using the products

## Schedule of Use

Students used the 30-, 50-, and 90-Minute protocols which call for students to use the products for 30, 50, or 90 minutes a day, five days per week for eight to sixteen weeks. Students used the Fast ForWord Literacy, Fast ForWord Literacy Advanced, and/or Fast ForWord Middle & High School products.

## Assessment Results

On average, Fast ForWord participants made statistically significant improvements between administrations of the MAP and the Terra Nova tests. On the MAP, students improved their scores by an average of 17.4 scaled score points. On the Terra Nova, students improved an average of 11.9 scaled score points and 48.1 Lexile points. In both cases, these average gains dramatically outperformed the average gains from the 2006-2007 year, the year prior to Fast ForWord product use. Figures 1 and 2 show these significant gains.

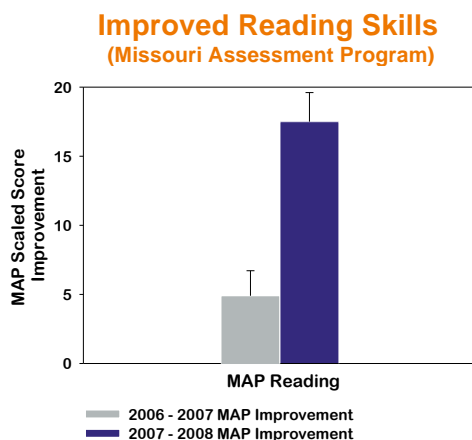


Figure 1. Students made greater improvements between MAP test administrations after using Fast ForWord products.

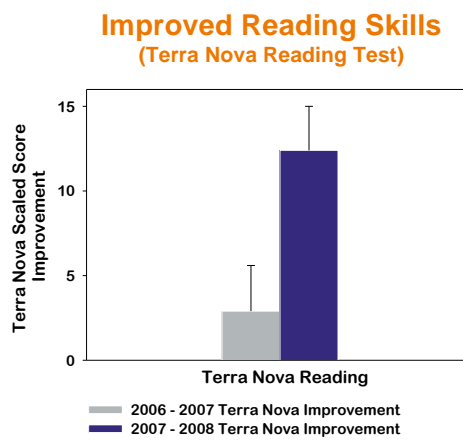


Figure 2. Students made greater improvements between Terra Nova test administrations after using Fast ForWord products.

## Educational Gains

The results found in this study support other studies demonstrating that using the Fast ForWord products results in the strengthening of foundational reading skills, better positioning students to partake in the classroom curriculum.



## Study Overview

### School Years:

2006-2007  
2007-2008

### Number of Students:

299 students

### Number of Schools:

3 schools

### Grade Levels:

5<sup>th</sup>-8<sup>th</sup> grade

### Products Used:

Fast ForWord Literacy  
Fast ForWord Literacy Advanced  
Fast ForWord Middle & High School

### Assessment Tools Used:

Missouri Assessment Program  
Terra Nova Reading Test

## District Statistics

### Ethnic Breakdown:

Black: 9%  
White: 87%  
Hispanic: 3%  
Asian: 1%

### Demographics:

English Language Learners: 1%  
Students with IEPs: 8%  
Economically Disadvantaged: 21%

### Environment:

Rural

The results in this report are based on the data available in Scientific Learning's databases on the date the data were pulled.

For detailed analysis of this data or to request other reports showing significant academic gains following use of the Fast ForWord family of products go to:

[www.scilearn.com/resultsreports](http://www.scilearn.com/resultsreports)

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