



# EFFECTIVENESS SUMMARY



## Los Angeles (CA) Fifth-Graders Receiving Special Education Services Dramatically Increase Fluency with *Voyager Passport*<sup>TM</sup>

### PROFILE

**School Year**  
2006-2007

**Location**  
Los Angeles, CA

**Grade Levels**  
Fifth Grade

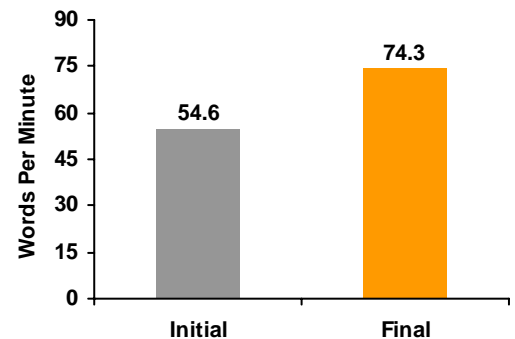
**Number of Students**  
2,020

**Assessment Tool**  
Reading Connected Text (RCT)

Los Angeles Unified School District (LAUSD) chose *Voyager Passport* as the prescribed English Language Arts intervention program for students receiving special education services at targeted elementary schools throughout the district. The program was implemented with 2,020 fifth-grade students for 21 weeks during the 2006-2007 school year; student progress was measured and monitored using RCT score.

### Fluency Growth

Fifth-grade students in *Voyager Passport* increased their words read per minute average by 19.7 words.



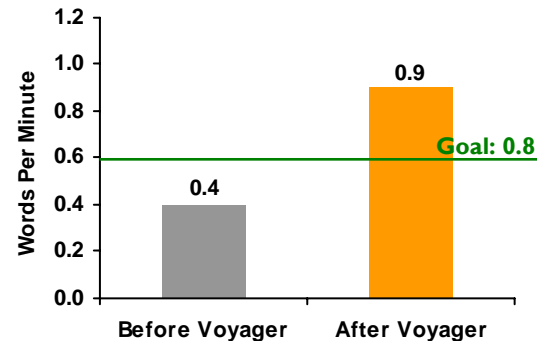
### KEY FINDINGS

LAUSD fifth-grade students receiving special education services significantly increased their fluency rates with *Voyager Passport*.

- Students more than doubled their weekly rate of fluency gain
- The program had an effect size of 0.57, which is considered educationally meaningful and statistically significant

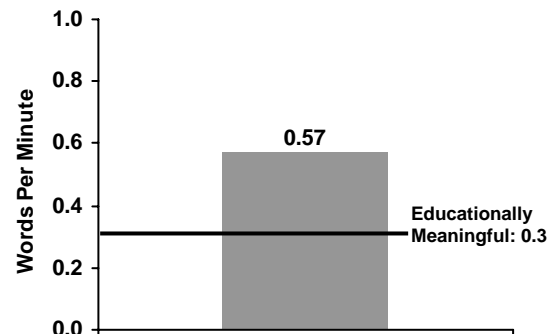
### Weekly Words Per Minute Gain

Before *Voyager Passport*, the average gain of words per minute per week for fifth-graders was considerably below that of grade level readers. During the intervention, students significantly accelerated their weekly word per minute rates, surpassing the average rate of grade level readers.



### Effect Size

The effect size for fifth-graders receiving special education services was moderate, educationally meaningful, and statistically significant ( $p < .001$ ).

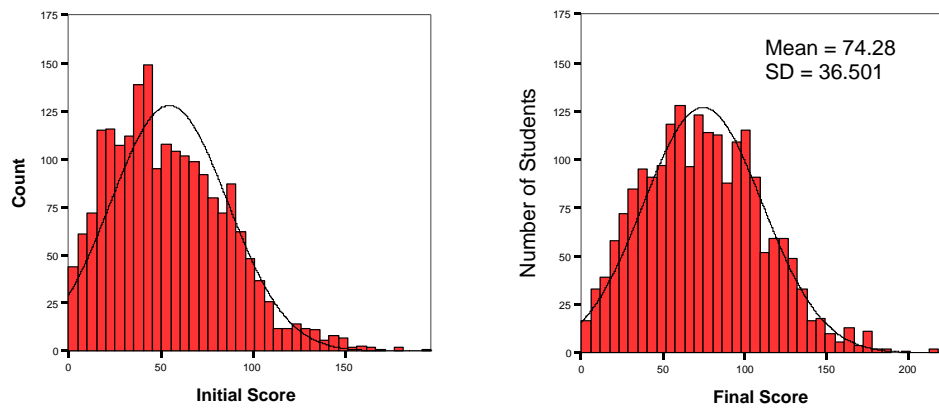


[www.voyagerlearning.com](http://www.voyagerlearning.com)  
888.399.1995

\* Effect size of .20 is small, .50 is moderate, and .80 is large (Cohen, 1988). Effect sizes of .30 or larger are considered educationally meaningful.

## Los Angeles (CA) Fifth-Grade Special Education, continued

### Fifth-Grade Fluency RCT Score Distribution



To illustrate the movement of scores, the histograms above show the Initial and Final RCT Score distribution for all LAUSD fifth-grade students receiving special education services and enrolled in *Voyager Passport*. The graphs show RCT scores increased from being skewed between 0 and 50 for the Initial Score to a spread between 50 and >100 for the Final Score. The average score increased significantly from 54.61 to 74.28, or 20 words per minute.

Students across all IEP classification categories made oral reading fluency growth. Several of these categories are shown below. Gains by classification code:

- Autism (AUT): 15.8 words per minute (wpm) at a rate of 0.8 wpm per week
- Emotional Disturbance (ED): 19.1 wpm at a rate of 0.9 wpm per week
- Other Health Impairment (OHI): 21.8 wpm at a rate of 1.0 wpm per week
- Specific Learning Disability (SLD): 19.8 wpm at a rate of 0.9 wpm per week
- Speech or Language Impairment (SLI): 21.0 wpm at a rate of 1.0 wpm per week

### Fifth-Grade RCT Growth by IEP Classification Codes

