

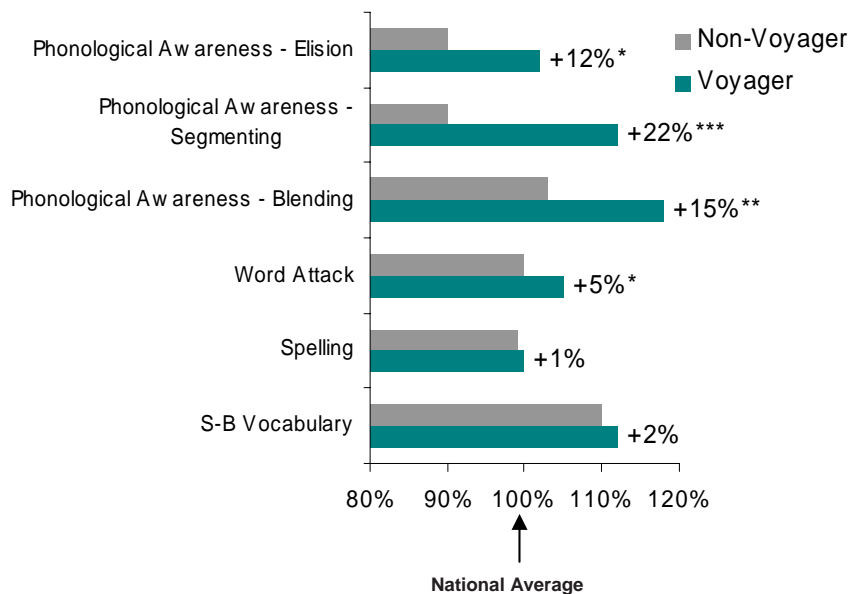
SCIENTIFIC RESEARCH STUDY

Within School Treatment and Control Study in Orange County, Florida Voyager Universal Literacy System®

Introduction

Low-income kindergarten students in an 11-week Voyager study in Orange County, Florida made substantial progress on several critical early literacy skills that are crucial for reading development. Specifically, Voyager students significantly outperformed students in the control group on measures of print concepts, letter sound knowledge, and nationally standardized measures of phonemic awareness. Voyager students also demonstrated superior ability to apply their newly-acquired literacy skills toward sounding-out unfamiliar nonwords when compared to students in the control. The findings from this study are particularly significant considering that students were only exposed to approximately three months of Voyager instruction.

Gains on Key Reading Skills



Note: Percentage points reflect the average number of items earned by the current sample relative to the mean number of items scored by the standardization sample. Voyager advantage stands for how many more percentage points were obtained by Voyager students than the control group.

*p < .05 **p < .01 ***p < .001

Control n=50 Voyager n=58

Principal Investigators

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Main Findings

- Voyager students outperformed non-Voyager students on all measures.
- Voyager students moved from below the national average to above on all assessments.

Study Profile

School Year: 2002

Location: Orlando, Florida

Grade Level: Kindergarten

Number of Students: 108

Voyager Program: Voyager Universal Literacy System®

Assessment Tools: CTOPP, WDRB, WDMT, WRAT, CAPT, Stanford-Binet, RAN, DIBELS

Demographics

56% African American

12% Hispanic

19% Caucasian

13% Other

47% of students eligible for free or reduced lunch