



Inner City Education Foundation



Seeing Stars for Phonemic Awareness, Reading, and Spelling (SI)

PROFILE:

Number of Students: 31 Average Age: 10.5

Average Hours of Instruction: 85.2

Lindamood-Bell Programs Implemented: Seeing Stars®

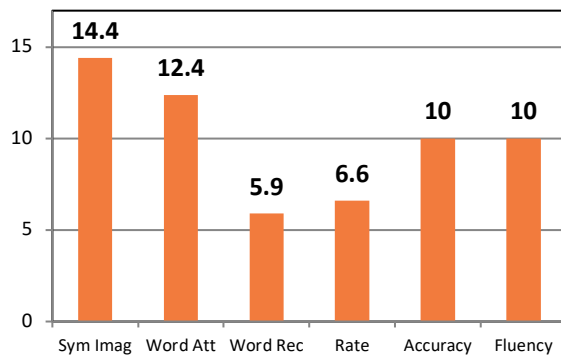
Outcome Measures:

- Symbol Imagery Test
- Woodcock Reading Mastery Test-3rd (word attack)
- Wide Range Achievement Test-4th (reading–word recognition)
- Gray Oral Reading Tests-4th (rate, accuracy, and fluency)

BACKGROUND:

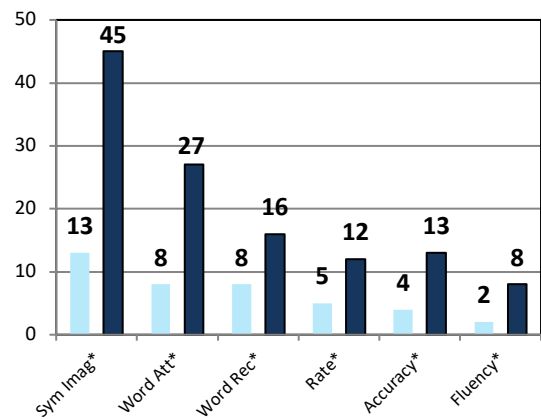
The Inner City Education Foundation (ICEF) in Los Angeles, California, serves a percentage of students who are at-risk of reading failure. During the 2021-2022 school year, ICEF’s Vista Elementary and Vista Middle Charter Academies implemented Lindamood-Bell® instruction to address the specific needs of this student population. Thirty-one students received an average of 85.2 hours of Seeing Stars instruction to develop symbol imagery for reading. Instruction was delivered by Lindamood-Bell clinicians, and student gains were measured with a battery of reading assessments.

Average Standard Score Changes



■ Small (<3.0)
 ■ Medium (3.0–4.5)
 ■ Large (>4.5)

Pre- and Posttest Percentiles



■ Pre
 ■ Post

*Statistically significant ($p \leq .05$).

RESULTS:

On average, Seeing Stars students achieved significant improvements in reading. They made large standard score changes on symbol imagery, word attack, word recognition, rate, accuracy, and fluency measures. Additionally, the 19-point percentile increase in word attack put these students within the normal range (25th-75th percentile). Their pre- to posttest results were statistically significant in all reading measures. The results of this study illustrate that Lindamood-Bell instruction in the Seeing Stars program leads to improved reading, which is essential to achieving success with school curricula.