



Achievement Prep



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

PROFILE:

Number of Students: 24 Average Age: 9.3

Average Hours of Instruction: 106.7

Lindamood-Bell Programs Implemented: Seeing Stars®

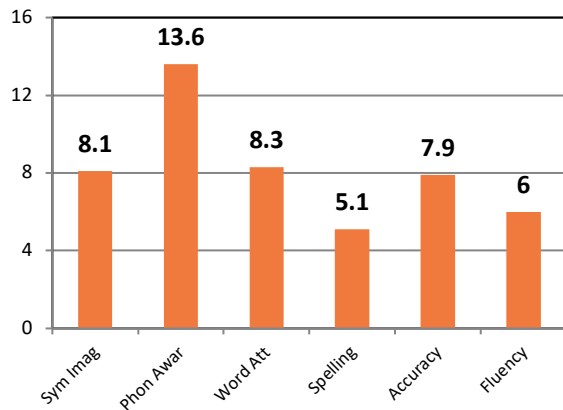
Outcome Measures:

- Symbol Imagery Test
- Lindamood Phoneme Sequencing Test-3rd
- Woodcock Reading Mastery Test-3rd (Word Attack)
- Wide Range Achievement Test-5th (Spelling)
- Gray Oral Reading Tests-4th (Accuracy and Fluency)

BACKGROUND:

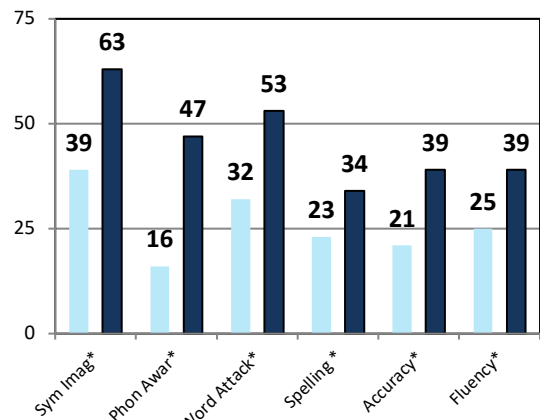
Achievement Prep in Washington, D.C. serves a large percentage of students who are at-risk of reading failure. During the 2022-23 school year, Achievement Prep implemented Lindamood-Bell® instruction to address the specific needs of this student population. Twenty-four students received an average of 106.7 hours of Seeing Stars instruction to develop symbol imagery for reading. Instruction was delivered by Lindamood-Bell clinicians utilizing a Learning Center on Campus model. 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 in symbol imagery, phonemic awareness, word attack, spelling, reading accuracy, and reading fluency. Additionally, the 31-point percentile increase in phonemic awareness put these students within the normal range (25th-75th percentile). Their pre- to posttest results were statistically significant on all of the above 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.