



LINDAMOOD-BELL LEARNING PROCESSES

R E S E A R C H

Laurens County Schools 2018-19



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

PROFILE:

Number of Students: 190 Average Age: 9.9

Average Hours of Instruction: 69.2

Lindamood-Bell Programs Implemented: Seeing Stars®

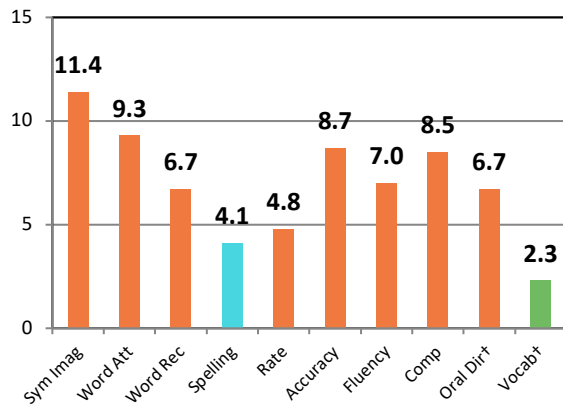
Outcome Measures:

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

BACKGROUND:

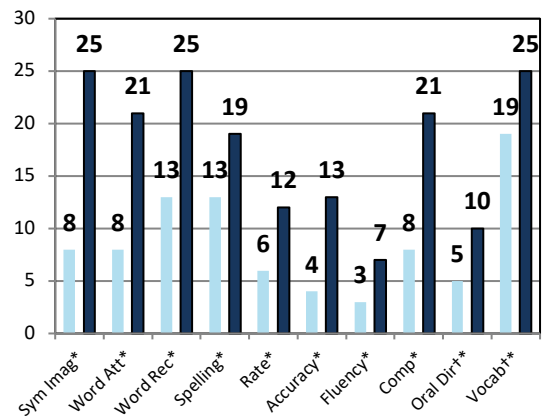
Laurens County Board of Education in Dublin, Georgia, serves a large percentage of students who are at-risk of reading failure. During the 2018-19 school year, Laurens County schools implemented Lindamood-Bell® instruction to address the specific needs of this student population. One hundred ninety students received an average of 69.2 hours of primarily Seeing Stars instruction to develop symbol imagery for reading. Instruction was delivered by Laurens County teachers who received professional development in the programs developed by Lindamood-Bell's founders. 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 nearly all measures. Additionally, the 17-point percentile increase in symbol imagery and 12-point increase in word recognition put these students within the normal range (25th-75th percentile). On average, students also showed a 13-percentile increase in comprehension. Their pre- to posttest results were statistically significant on all 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.