



Fort Smith Public Schools



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

PROFILE: Special Education

Number of Students: 225 Average Age: 9.8

Average Hours of Instruction: 65.6

Programs Implemented: Seeing Stars

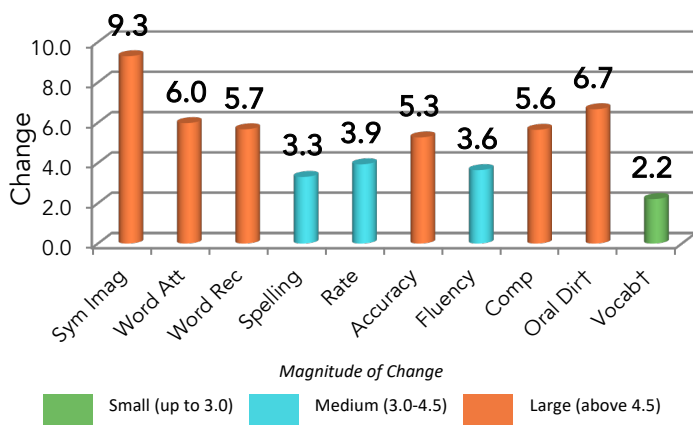
Outcome Measures:

- Symbol Imagery Test
- Woodcock-Johnson Word Attack
- Wide-Range Achievement Test – Reading
- Gray Oral Reading Test-4 – Accuracy, & Comprehension
- Peabody Picture Vocabulary Test-4

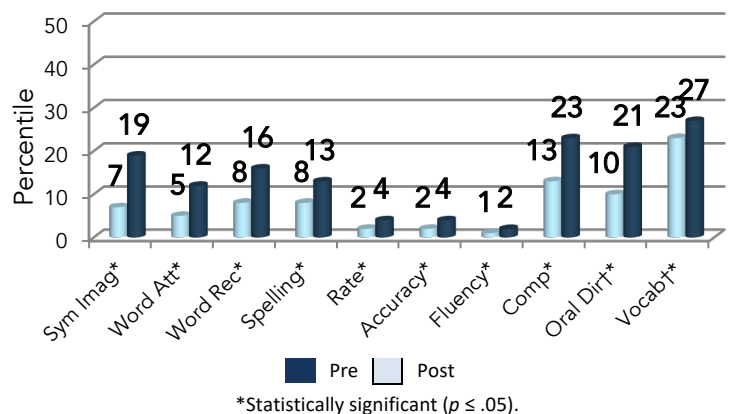
BACKGROUND

Fort Smith Public Schools in Fort Smith, Arkansas, serves a large percentage of students at risk of reading failure. During the 2017-18 school year, Fort Smith Public Schools implemented Lindamood-Bell® instruction to address this student population's specific needs. To develop symbol imagery for reading, 225 students received an average of 65 hours of Seeing Stars® small-group, intensive instruction. The instruction was delivered by Fort Smith Public Schools teachers who received professional development in the program authored by Lindamood-Bell's founders. A battery of nationally normed reading assessments measured student gains.

Average Standard Score Changes



Pre- and Retest Percentiles



RESULTS

Seeing Stars® students achieved statistically significant improvements in all component parts of reading, including large standard score changes in Symbol Imagery, Word Attack, Word Recognition, Reading Accuracy, and Reading Comprehension. 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.