



Cañon City Schools



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

PROFILE:

Number of Students: 143 Average Age: 7.3

Average Hours of Instruction: 77.1

Lindamood-Bell Programs Implemented: Seeing Stars®

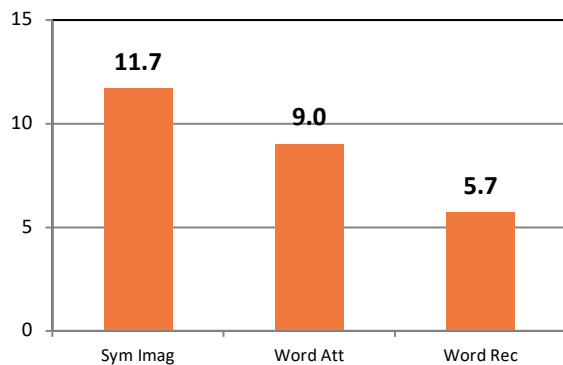
Outcome Measures:

- Symbol Imagery Test
- Woodcock Reading Mastery Test-3rd (word attack)
- Wide Range Achievement Test-5th (reading)

BACKGROUND:

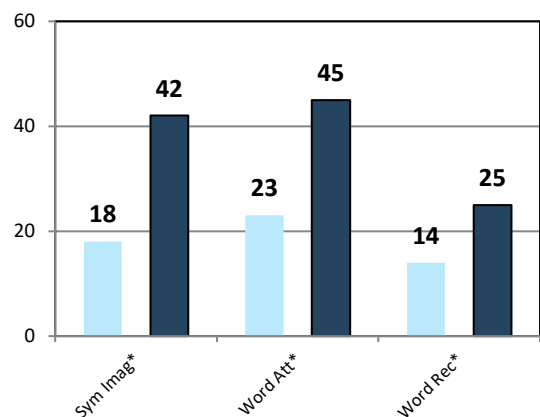
Cañon City Schools in Cañon City, Colorado serves a large percentage of students who are at-risk of reading failure. During the 2021-22 school year, Cañon City Schools implemented Lindamood-Bell® instruction to address the specific needs of this student population. One hundred forty-three students received an average of 77.1 hours of Seeing Stars instruction to develop symbol imagery for reading. Instruction was delivered by Cañon City 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-related skills. They made large standard score changes in all measures. Additionally, the 22-point percentile increase in word attack put these students within the normal range (25th-75th percentile). 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 symbol imagery and word reading, which are essential to achieving success with school curricula.