



### Creative Language-Based Learning



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

#### PROFILE:

Number of Students: 38 Average Age: 11.0

Average Hours of Instruction: 66.2

Lindamood-Bell Programs Implemented: Seeing Stars®

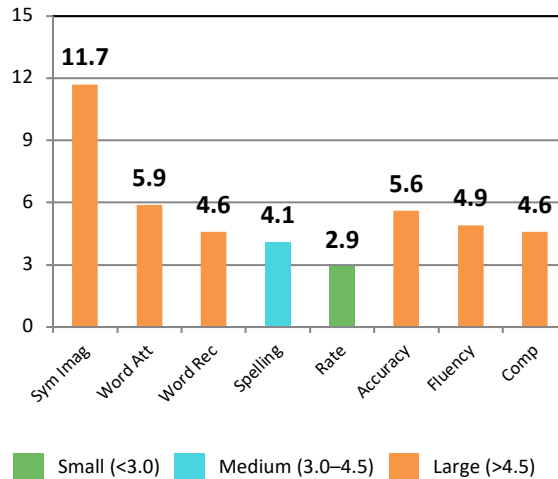
Outcome Measures:

- 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:

Creative Language-Based Learning partners with schools across Jamaica that serve students who are at-risk of reading failure. During the summer of 2023, Creative Language-Based Learning implemented Lindamood-Bell® instruction to address the specific needs of this student population. Thirty-eight students received an average of 66.2 hours of Seeing Stars instruction to develop symbol imagery for reading. Instruction was delivered by 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



#### RESULTS:

On average, Seeing Stars students achieved significant improvements in reading. They made large standard score changes on most measures. Additionally, 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.