



### California Students Receiving Seeing Stars Instruction Make Significant Improvements in Reading and Comprehension



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

#### PROFILE:

Number of Students: 18

Grade Levels: 1st-4th

Lindamood-Bell Programs Implemented: Seeing Stars®

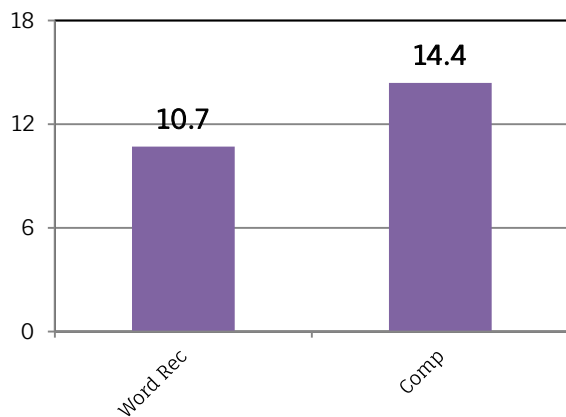
Outcome Measures:

- Wide Range Achievement Test-4th (reading)
- Gray Oral Reading Tests-3rd (comprehension)

#### BACKGROUND:

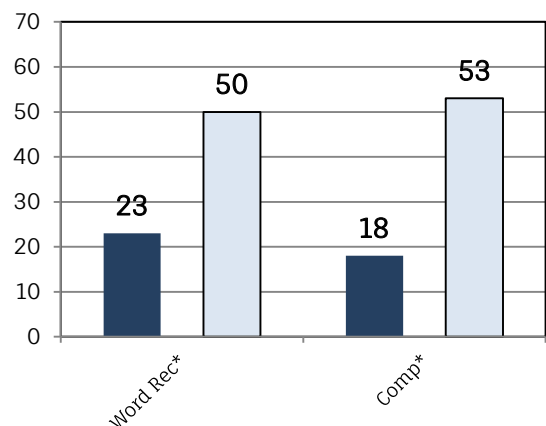
Taft Elementary School in Taft, California, serves a large percentage of students who are at-risk of reading failure. During the 2009-10 school year, Taft implemented Lindamood-Bell® instruction to address the specific needs of this student population. Eighteen students received an average of 56 hours of primarily Seeing Stars instruction to develop symbol imagery for reading. Instruction was delivered by Taft teachers who received professional development in the Lindamood-Bell programs. 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 both measures. Additionally, the 35-point percentile increase in comprehension put these students within the normal range (25th-75th percentile). Their pre- to posttest results were statistically significant on both 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.