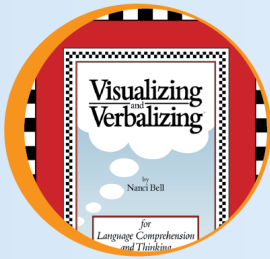




### Fort Smith Public Schools



Visualizing and Verbalizing for Language Comprehension and Thinking (V/V)

#### PROFILE: Language Comprehension

Number of Students: 16 Average Age: 9.8

Average Hours of Instruction: 50.4

Programs Implemented: Visualizing and Verbalizing

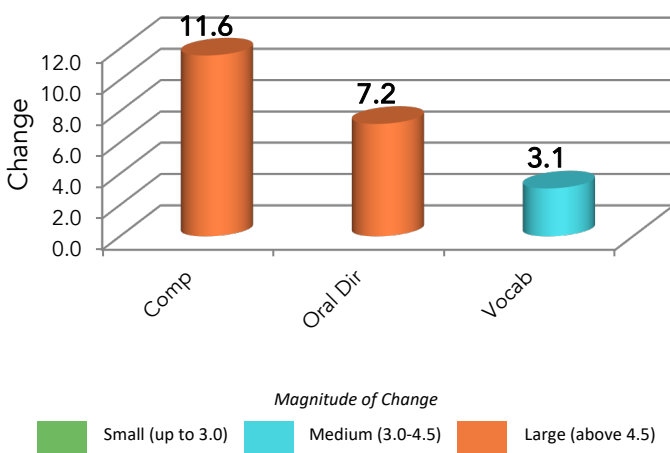
Outcome Measures:

- Peabody Picture Vocabulary Test-4th
- Detroit Tests of Learning Aptitude-2nd (oral directions)
- Gray Oral Reading Tests-4th (comprehension)

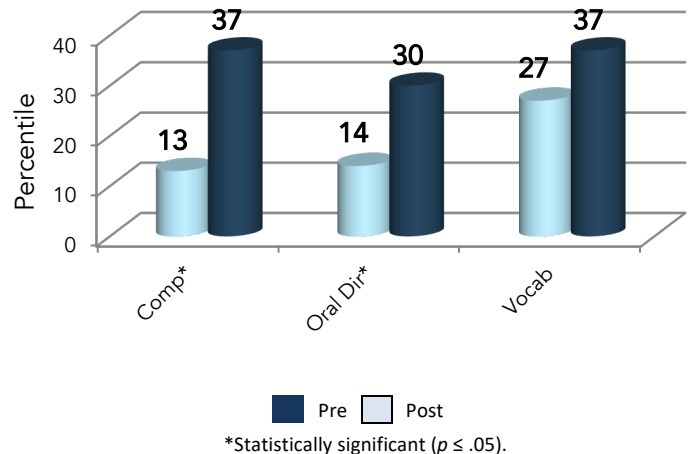
#### BACKGROUND

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 concept imagery for comprehension and higher-order thinking, 16 students received an average of 50 hours of Visualizing & Verbalizing® 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

Visualizing & Verbalizing® students achieved statistically significant and large standard score improvements in Oral Directions and Reading Comprehension. The results of this study illustrate that Lindamood-Bell® instruction in the Visualizing & Verbalizing® program leads to improved comprehension, which is essential to achieving success with school curricula.