



### Madeira Elementary School - Measures of Academic Progress (MAP) Reading Results



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

#### PROFILE:

Number of Students:

- 48 Seeing Stars
- 225 Comparison

Grade Levels: 2-4

Lindamood-Bell Programs Implemented: Seeing Stars®

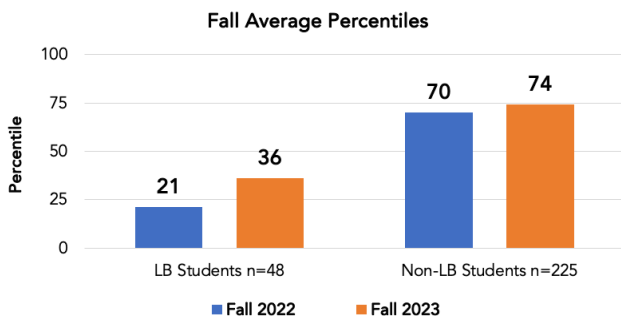
Outcome Measures:

- Measures of Academic Progress (MAP) Growth - Reading

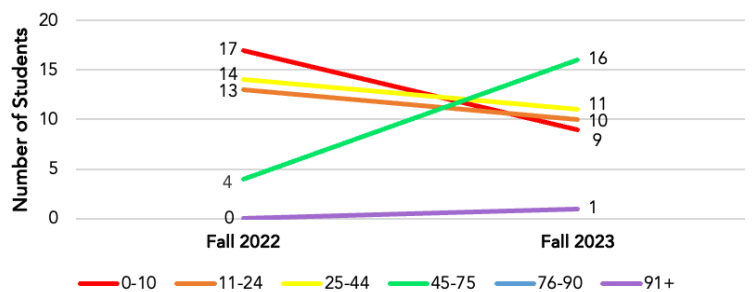
#### BACKGROUND:

During the 2022-23 school year, Madeira Elementary School implemented Lindamood-Bell® instruction to address the literacy needs of students in special education. Forty-eight students received instruction in the Seeing Stars program to develop symbol imagery for reading. Instruction was delivered by Madeira Elementary teachers who received professional development in the programs developed by Lindamood-Bell’s founders. Student gains were measured using Measures of Academic Progress (MAP), and the results were compared to gains made by general education students at Madeira Elementary who did not receive Seeing Stars instruction. This year-over-year data analyzes results for students who were in second grade in 2022-23 and in third grade in 2023-24, as well as students who were in third grade in 2022-23 and in fourth grade in 2023-24.

#### Growth Comparison – Lindamood-Bell Students and Non-Lindamood-Bell Students – 2022-23 to 2023-24



#### Fall 2022 to Fall 2023: Percentile Placement for Lindamood-Bell Students



#### RESULTS:

On average, special education students receiving Seeing Stars moved from the 21<sup>st</sup> percentile to the 36<sup>th</sup> percentile from fall 2022 to fall 2023, with general education students moving from the 70<sup>th</sup> percentile on average to the 74<sup>th</sup> percentile. While both groups of students had statistically significant growth, a statistical test of difference (ANOVA) showed that students who received Lindamood-Bell instruction had significantly larger growth on the Reading measure. Among students receiving Seeing Stars instruction, the number of students scoring at or below the 44<sup>th</sup> percentile decreased from 44 students in fall 2022 to 30 students in fall 2023, a decrease of 32%. These results illustrate that instruction in the Seeing Stars program leads to improved reading, helping special education students to close gaps with their general education peers. As a result of this growth, multiple students exited special education.