



Research Brief:

Pre-K Curriculum Impacts Student Performance on Local and State Assessments in Later Grades

Study Overview

This study is the outcome of research comparing the impact of a strong Early Childhood Pre-K curriculum on children's performance on local and state assessments administered in later grades. Overall findings indicate that children enrolled in Grand Prairie Independent School District's Pre-K program showed gains in reading scores on the local District Reading Assessment (DRA) and later on the third grade State of Texas Assessment of Academic Readiness (STAAR) while utilizing Frog Street Pre-K curriculum. Gains were made in both reading comprehension and math. This research ultimately finds that Frog Street curriculum has lasting effects on children's future academic performance.

Key Findings

- Reading comprehension among Frog Street Pre-K program participants was a statistically significant predictor of student performance on STAAR reading assessment. Further, each unit increase in reading comprehension in Pre-K was associated with a 17-point increase in the STAAR reading scale score in grade 3.
- Reading comprehension among Frog Street Pre-K program participants was a statistically significant predictor of student performance on STAAR math assessment. Further, each unit increase in reading comprehension in Pre-K was associated with a 12-point increase in the STAAR math scale score in grade 3.
- Study participants who scored 16 points or higher on the DRA reading comprehension exam in Pre-K were 12.38 times more likely to meet expectations on the STAAR math assessment in grade 3.

This data driven research supports the impact that Early Childhood Education can have on children's future outcomes, both academic and social/emotional. A robust curriculum, such as Frog Street Pre-K, can have a substantial effect on the achievement levels of students as they progress throughout their academic career.

To learn more about this research study, contact Frog Street at info@frogstreet.com or 800.884.3764.