

My Math Academy®

My Math Academy Significantly Increases Math Scores of Students with Individualized Education Plans

Efficacy Research and Evaluation Team



LearnPlatform by Instructure has independently reviewed this report for ESSA alignment

KEY FINDINGS

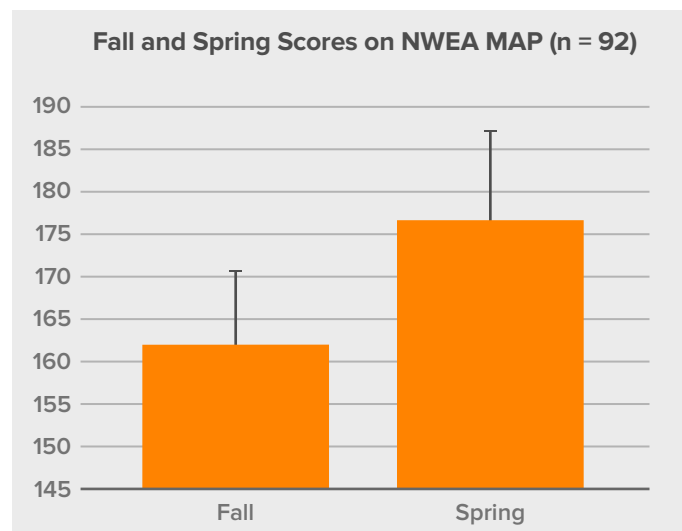
- In 2021–2022 and 2022–2023, pre-kindergarten, 1st, 2nd, and 3rd grade students ($n = 335$) with individualized education plans across three school districts in Texas and Oklahoma made meaningful progress in *My Math Academy*, mastering on average of 14 learning units over 6.4 hours.
- A sample of 92 2nd grade students who used *My Math Academy* in 2021–2022 or 2022–23 had statistically significant greater growth in math from fall to spring on the NWEA MAP Growth assessments.

Background

In school years 2021–2022 and 2022–2023, *My Math Academy* was implemented district-wide in Tyler Independent School District and Harlingen Consolidated Independent School Districts in Texas. It was also implemented with a group of 16 early elementary teachers at Epic Charter Schools in Oklahoma. Each district shared its benchmark assessment data: CIRCLE Progress Monitoring System, Star Early Literacy Assessment, and NWEA MAP Growth Assessment.

Results

Descriptive analyses of the gain scores between fall and spring assessment scores across the three assessments revealed that all students with IEPs who used *My Math Academy* made gains between the fall and the spring. Subsequent analyses focused on students who scored below the 50th percentile in the fall showed that these students made even larger gains in the math knowledge as measured by the benchmark assessments.



Regression analyses examining the effect of using *My Math Academy* while controlling for gender showed a significant positive relationship between using the program and gain scores among Harlingen 2nd graders who scored below 50% on the benchmark assessment in the fall. For each additional learning unit mastered in *My Math Academy*, these students experienced an increase in the gain score of 0.136 points ($p < .05$, effect size = .21). These results indicate that *My Math Academy* can be an effective learning resource for students with individualized education plans.



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