

# My Math Academy®

## Students at Jefferson County using My Math Academy experienced meaningful gains in math

### Key Findings

- Students using *My Math Academy* for 12 hours on average reached levels equivalent to the next grade in math as measured by the state-administered Star Math assessment.
- Using *My Math Academy* was related to significant growth in students' assessment scores.
- Educators reported that *My Math Academy* had a positive impact on their students' math skills, confidence, and enjoyment in learning math and wanted to continue using the programs.

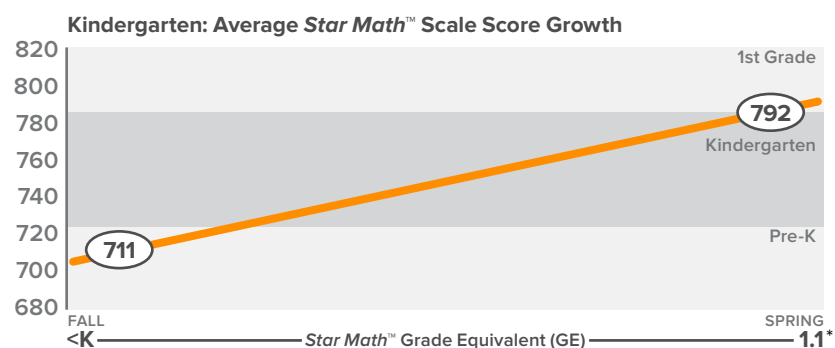
### Background

This brief showcases the implementation of *My Math Academy* in Jefferson County, Florida, during school year 2022–2023. It highlights the effects of this personalized digital learning program on children's achievement and on educators' capacity to provide effective instruction.

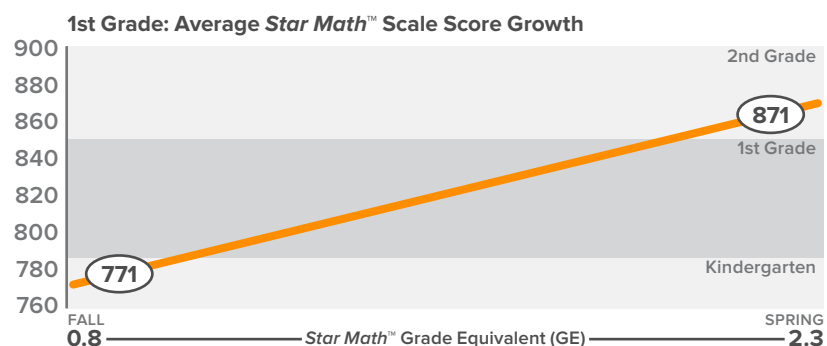
### Study Overview

Across 11 kindergarten through 2nd grade classrooms, 192 students used *My Math Academy*. Of these, 109 students had fall and spring Star Math assessment scores.

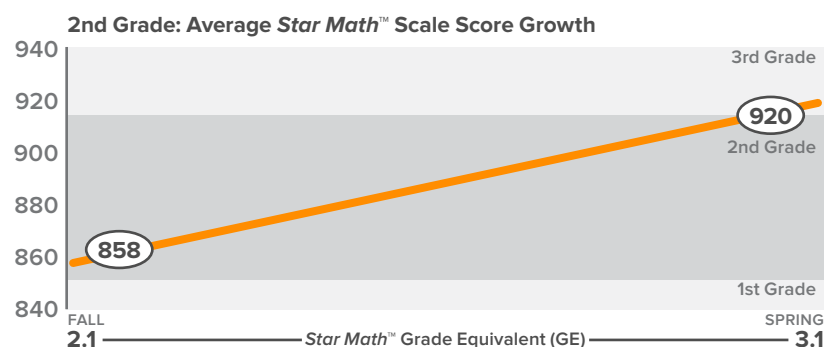
### Results



59% of students reached 1st grade equivalency with 11 hours of usage (avg.) (n = 27)



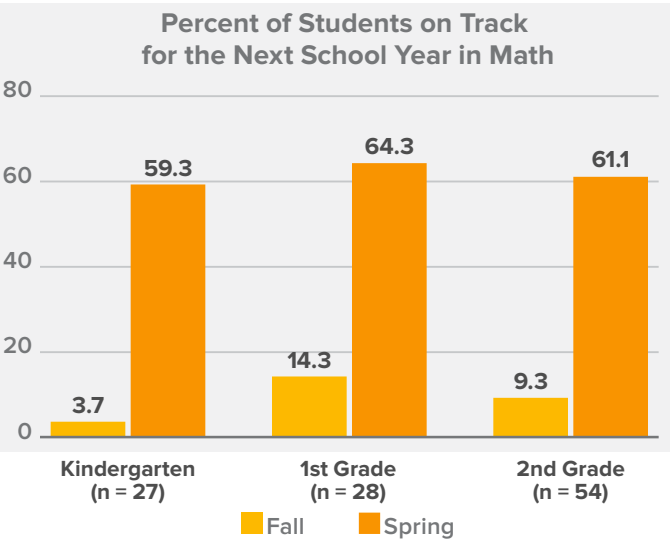
64% of students reached 2nd grade equivalency with 12 hours of usage (avg.) (n = 28)



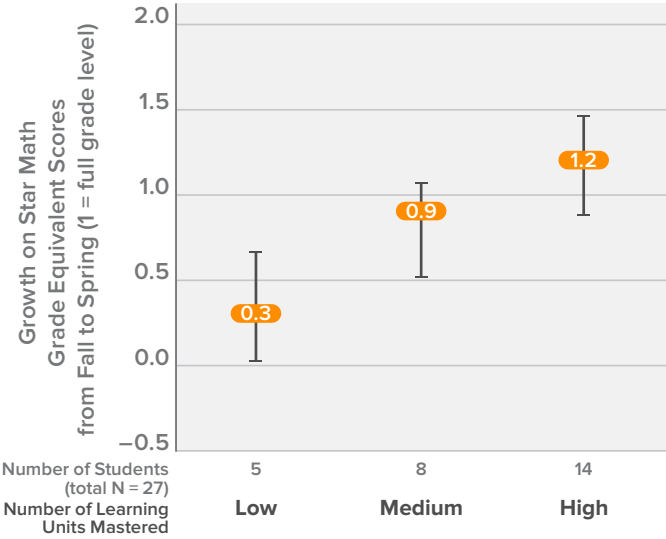
61% of students reached 3rd grade equivalency with 13 hours of usage (avg.) (n = 54)

\* A student with a grade equivalent score of 1.1 has a score that is equivalent to the average score of 1st grade students in the 1st month of instruction.

Results (continued)



Across all grades, the percent of students who were on track in math increased substantially by the end of the year.



In analyses focused on kindergarten students (n = 27) who took the Star Early Literacy assessment, results indicated that mastering more units in *My Math Academy* is associated with statistically greater gain scores on the math section of the assessment ( $p < .05$ ).

Educator Feedback

On end-of-year surveys, all educators (n = 14) reported that *My Math Academy* had a positive impact on their students’ math skills. All educators also indicated the program’s positive impact on students’ confidence and enjoyment in learning math. One 2nd grade educator indicated in the survey, “I like how it makes struggling students feel successful at their own level.” Moreover, all educators indicated that *My Math Academy* empowered their work as teachers with comments such as “I feel digital resources help to close achievement gaps, especially for struggling students” (2nd grade teacher).

Teachers further elaborated on the positive impact of *My Math Academy* in interviews:

*“They found it easy to use, and the kids loved it because it was something they could do. And the Dashboard for teachers is simple. I could see the data, and I could make quick decisions based on that data. Much easier than some other programs that we’ve used over the last 20-some years.”*

—2nd grade teacher

*“I have one student who didn’t come prepared for 3rd grade academically where he needed to be. He would get so excited with being able to do basic addition. He just felt the success. He was feeling accomplished, being able to catch on. He felt better about himself in his 3rd grade classroom.”*

—3rd grade teacher



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