

# My Math Academy® My Reading Academy®

## Palm Beach County Pre-K Students Experience Significant Growth



LearnPlatform by Instructure has independently reviewed this report for ESSA alignment

Hee Jin Bang†, PhD, Eric Setoguchi‡, PhD

### Key Findings

- Using *My Math Academy* and *My Reading Academy* helped **close the gap** between research sites and non-research sites by **84%**.
- All educators indicated that they would “definitely” like to continue using the programs.

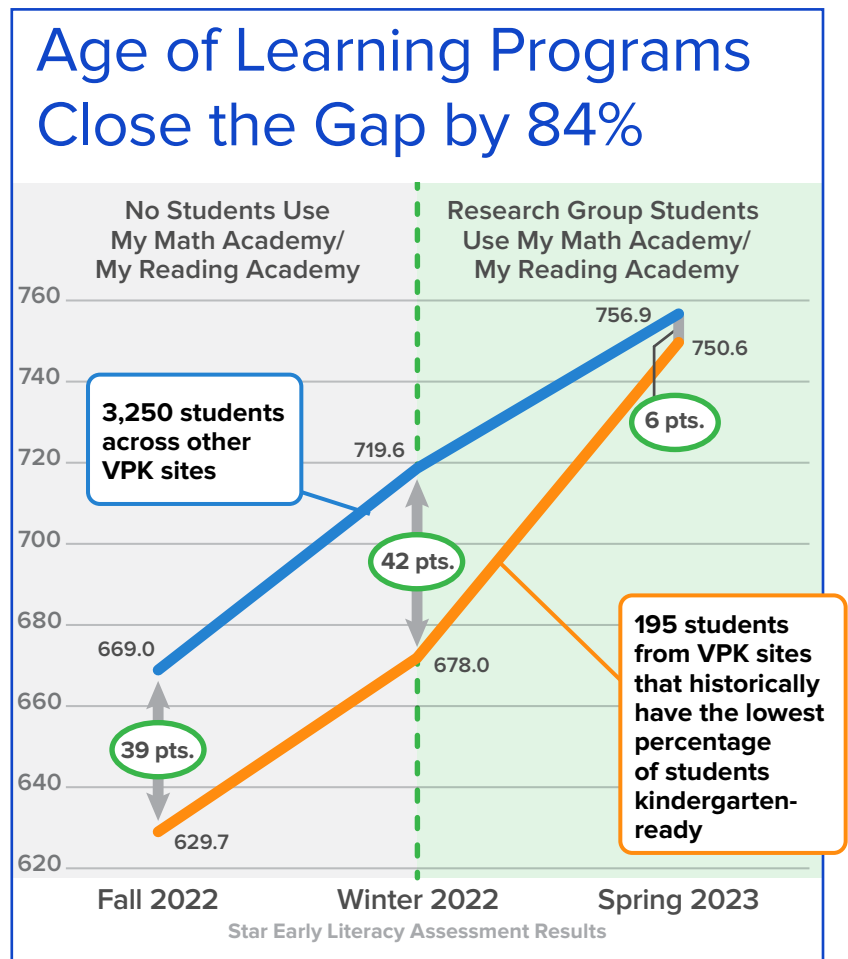
### Study Overview

- One hundred and ninety-five children (ages 3 and 4) had STAR Early Literacy scores across fall, winter, and spring.\* They were compared with 3,250 children in similar VPK centers who also had the assessment scores across the three time-points.
- Students used *My Math Academy*, on average, 30 minutes a week for a total of 6.5 hours over 13 weeks.
- Students used *My Reading Academy*, on average, 34 minutes a week, for a total of 4 hours over 7 weeks.
- Educators provided their feedback about children’s progress in surveys and interviews.

### Background

This brief highlights a semester-long implementation of *My Math Academy* and *My Reading Academy* at seven voluntary pre-K (VPK) centers in Palm Beach County, Florida, and the effects of these personalized digital learning programs on children’s achievement and on educators’ capacity to provide effective instruction for their young learners.

### Results



† Vice President, Efficacy Research and Evaluation, Age of Learning, Inc.

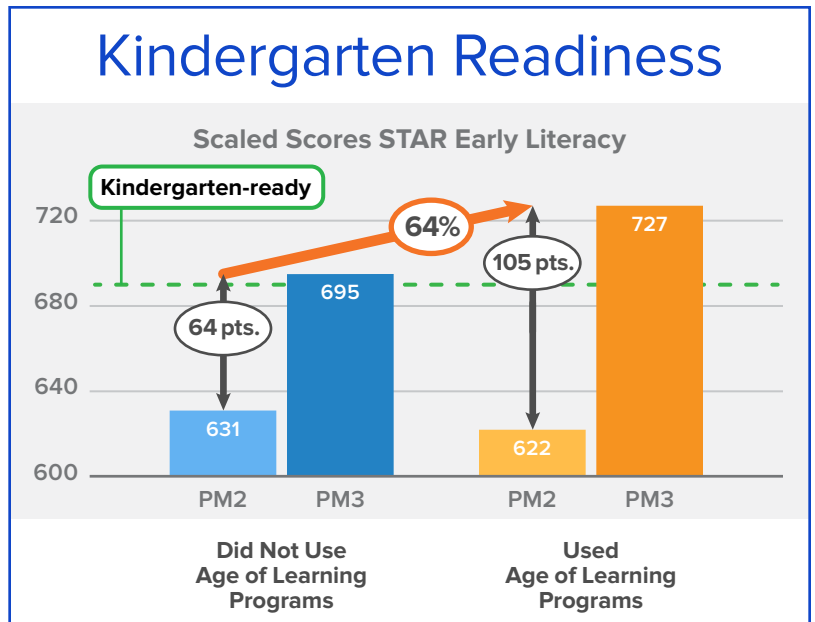
‡ Research Analyst, Efficacy Research and Evaluation, Age of Learning, Inc.

\* STAR Early Literacy assessment measures pre-K–3 students’ early literacy and early numeracy skills with a computer-adaptive assessment.

## Results (continued)

Students who were not kindergarten-ready in winter had an average gain of 105 points in spring.

Students at research sites who were not kindergarten-ready in the winter (score below 690) scored, on average, 64% higher in the spring compared to their peers at non-research sites not using either MMA or MRA.<sup>1</sup>



## Educator Feedback

Ninety-four to 100% of educators (n = 17) indicated that *My Math Academy* and *My Reading Academy* had a “very positive” or “positive” impact on their learners’

- Self-confidence in learning math/learning to read
- Enjoyment in learning math/learning to read
- Development of number sense/ability to recognize sight words
- Development of operations skills/rhyming and alliteration skills to 100%

**All educators indicated that *My Math Academy* and *My Reading Academy* are programs that they would “definitely” like to continue using.**

*“I had kids who were not excited about math and one kid I was trying to get to learn 1 to 5 for the whole year. And she was not doing it. But I noticed that after she started doing My Math Academy, she got 1 to 10 in no time. I noticed that now she can count, identify the number, and match the number. Wow.”*

—Zandra Pompeo, pre-K educator

*“They help children that are excelling as well as those that need assistance.”*

—Marjorie Barnes, pre-K educator

*“They provide valuable information for assessing student progress and creating lesson plans.”*

—Alice Egar, Executive Director, VPK center

<sup>1</sup>  $p < .05$ , effect size = 0.41

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