imagine mypath®

Imagine MyPath Contributed to Success on NWEA MAP Growth Assessments

Overview

During the 2023–2024 academic year, Clyde Consolidated Independent School District in Texas implemented Imagine MyPath with students in Grades K–5. Over the course of the school year, 532 students used Imagine MyPath for math and 533 used it for reading. Students used Imagine MyPath Math for an average of 13.2 hours and passed 31.8 lessons. They also spent 14.2 hours and passed an average of 26.0 lessons in Imagine MyPath Reading.
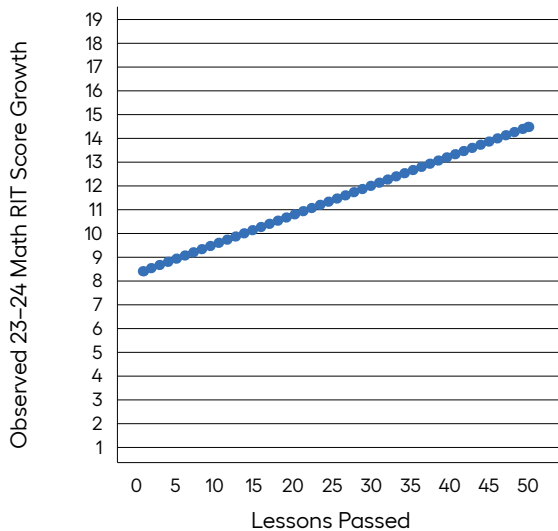
Clyde CISD

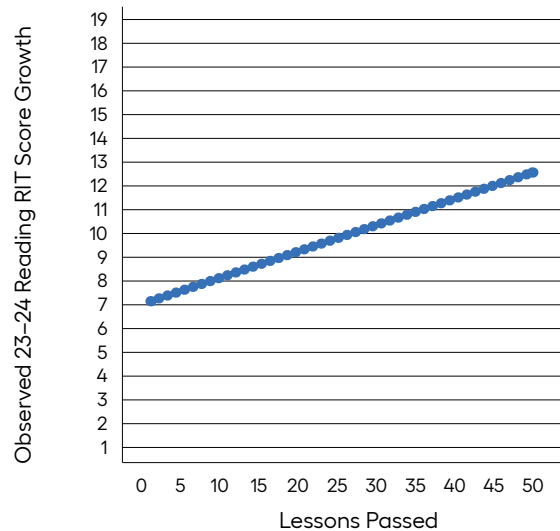| Demographics	
American Indian/Alaskan Native[1]	3%
Black/African American	5%
Hawaiian/Pacific Islander	1%
White	98%
Economic Disadvantage	50%
Disability	23%
Limited English Proficiency	1%

Results

To measure changes in academic performance, Imagine Learning analyzed NWEA MAP Growth assessment data. The analysis included multiple linear regressions to investigate the relationship between lessons passed in Imagine MyPath and growth in NWEA MAP Growth scores. After controlling for fall achievement, grade level, and other demographic factors, passing more lessons in Imagine MyPath was found to have a positive and statistically significant impact on both math (Figure 1, $p < .01$) and reading (Figure 2, $p < .01$) growth. This positive correlation was consistent across all grades, genders, and demographic groups, including economically disadvantaged students and students with disabilities.

Figure 1. Association Between Imagine MyPath Math Lessons Passed and Fall-to-Spring NWEA MAP Growth Math Growth, 2023–2024, Grades K–5

Note: $p < .01$

Figure 2. Association Between Imagine MyPath Reading Lessons Passed and Fall-to-Spring NWEA MAP Growth Reading Growth, 2023–2024, Grades K–5
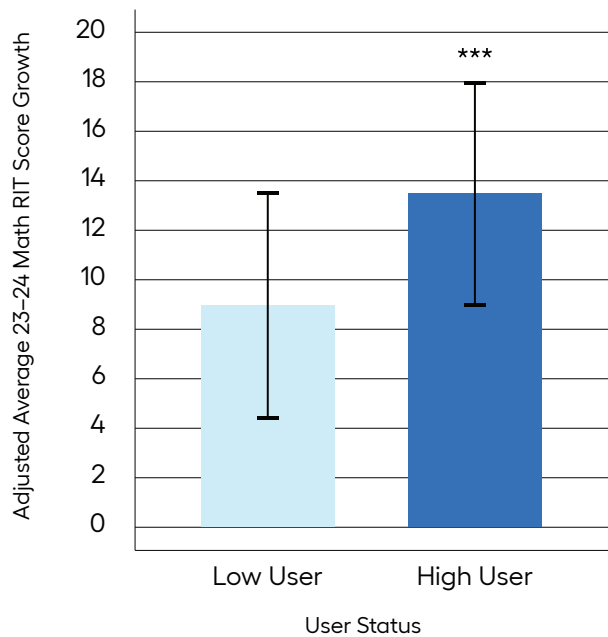

Note: $p < .01$

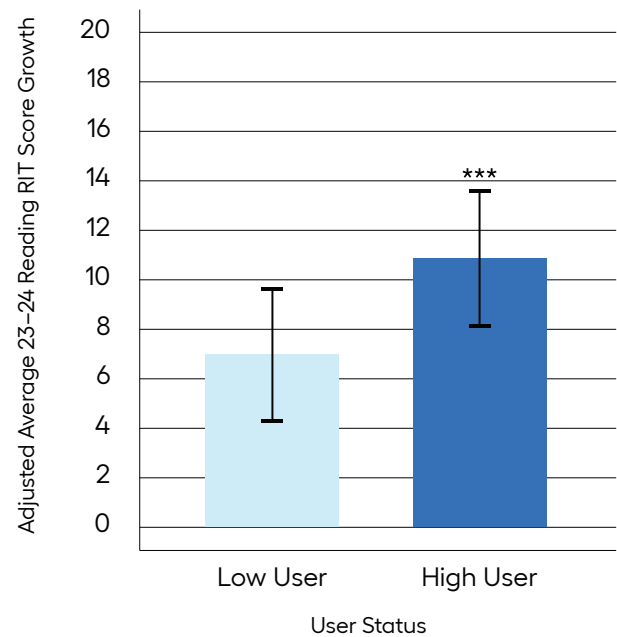[1] Note that students can identify as multiple races.

Second, students who passed more than the median number of Imagine MyPath lessons for their grade level (high-fidelity users) were statistically matched (based on prior performance and demographics) to students who passed less than the median number of Imagine MyPath lessons for their grade level. High-fidelity Imagine MyPath users showed significantly higher growth in their NWEA MAP Growth scores compared to their low-fidelity user peers. For instance, higher-fidelity users achieved an average of 4.46 points higher growth in math scores than their lower user peers (Figure 3, $p < .001$).[2] Similarly, higher-fidelity users had an average of 3.92 points higher growth in reading scores than their lower user peers (Figure 4, $p < .001$).[3]

Figure 3. Adjusted Average 2023–2024 NWEA MAP Growth Math Growth Among High v. Low Imagine MyPath Math Users, Grades K–5

Note: Error bars represent the standard errors of the RIT score growth, ***$p < .001$.

Figure 4. Adjusted Average 2023–2024 NWEA MAP Growth Reading Growth Among High v. Low Imagine MyPath Reading Users, Grades K–5

Note: Error bars represent the standard errors of the RIT score growth, ***$p < .001$.

Overall, these findings demonstrate the effectiveness of Imagine MyPath in enhancing math and reading skills for students in Grades K–5. The correlational analyses indicate that students who passed more lessons experienced accelerated growth. Furthermore, the matched analyses reveal that students who engaged with the program more consistently showed significantly greater growth compared to those who spent less time using it.

[2] The median Imagine MyPath Math lessons passed per grade were: 8 for Kindergarten, 14 for Grade 1, 13 for Grade 2, 29 for Grade 3, 66.5 for Grade 4 and 30 for Grade 5.
[3] The median Imagine MyPath Reading lessons passed per grade were: 6 for Kindergarten, 31 for Grade 1, 43 for Grade 2, 16 for Grade 3, 21 for Grade 4 and 17 for Grade 5.