

National Imagine MyPath Reading and Math NWEA MAP Growth Analysis 2023–2024

Imagine MyPath is an adaptive intervention program designed by Imagine Learning to support K–12 students in achieving grade-level proficiency in reading and math. The program creates personalized learning paths using assessment data to target each student’s specific needs, adjusting content based on their performance to ensure mastery of essential skills. It provides a mix of engaging, age-appropriate online activities and teacher resources, including real-time data to track progress and guide instruction. Imagine MyPath aims to help students who are behind catch up and to enhance the learning experience for all students through a structured, data-driven approach.

Data for students who used the Imagine MyPath program and completed the NWEA MAP Growth reading and math assessments during the 2023–2024 school year were analyzed to determine the overall efficacy of the program in improving student learning outcomes. In total, data for 43,771 Imagine MyPath users in Grades 1–5 who completed the NWEA MAP Growth math assessment and 47,417 Imagine MyPath users in Grades 1–5 who completed the NWEA MAP Growth reading assessment in the fall and spring were analyzed.

Table 1 summarizes the average fall to spring NWEA MAP RIT score growth that students achieved by grade during the 2023–2024 school year. While these values provide a useful reference for historical average student achievement, educators are encouraged to adjust expectations based on individual student differences.

Table 1: Average 2023–2024 NWEA MAP Growth Fall to Spring Growth by Grade

	1st Grade	2nd Grade	3rd Grade	4th Grade	5th Grade	Total
Reading	15.6	14.5	11.0	7.8	5.6	10.1
Math	17.8	16.0	14.3	11.5	8.8	13.3

Figures 1 and 2 demonstrate the direct, positive association between passing more reading and math lessons in the Imagine MyPath program and subsequent increases in NWEA MAP RIT score growth from fall to spring. These associations show a dosage effect in which increased use of Imagine MyPath leads to improved NWEA MAP Growth performance. The observed associations are statistically significant.

Figure 1: Average NWEA MAP Growth Reading RIT Score Growth by Imagine MyPath Reading Lessons Passed

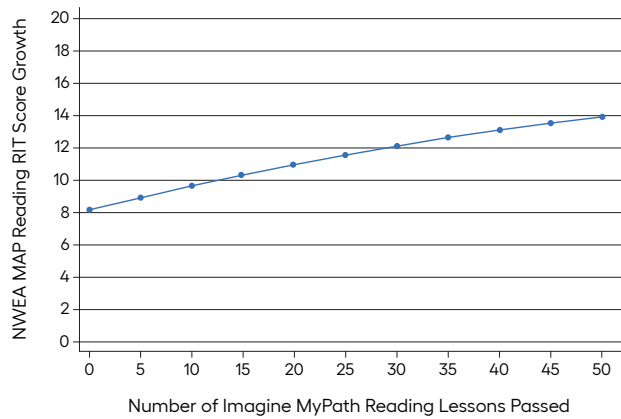
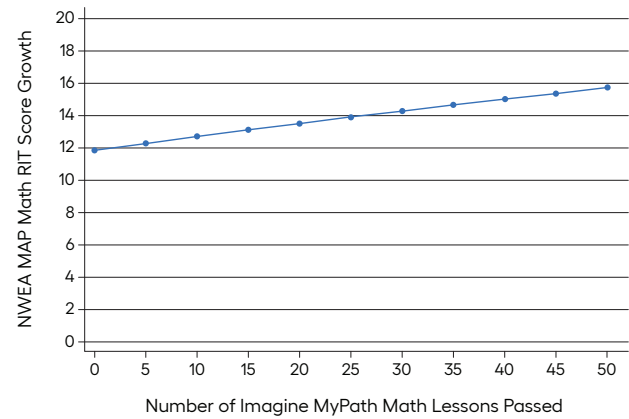
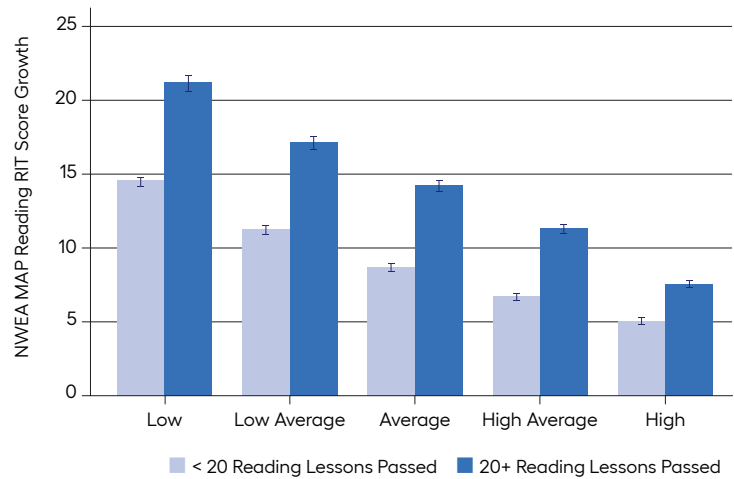


Figure 2: Average NWEA MAP Growth Math RIT Score Growth by Imagine MyPath Math Lessons Passed



Figures 3 and 4 demonstrate the effect of using Imagine MyPath on fall-to-spring NWEA MAP RIT score growth disaggregated by fall NWEA MAP performance. While more substantial gains were realized for students who tested below average in the fall, positive gains were ultimately achieved by Imagine MyPath users regardless of their initial performance level. These gains were further enhanced for students who completed 20 or more lessons in Imagine MyPath.

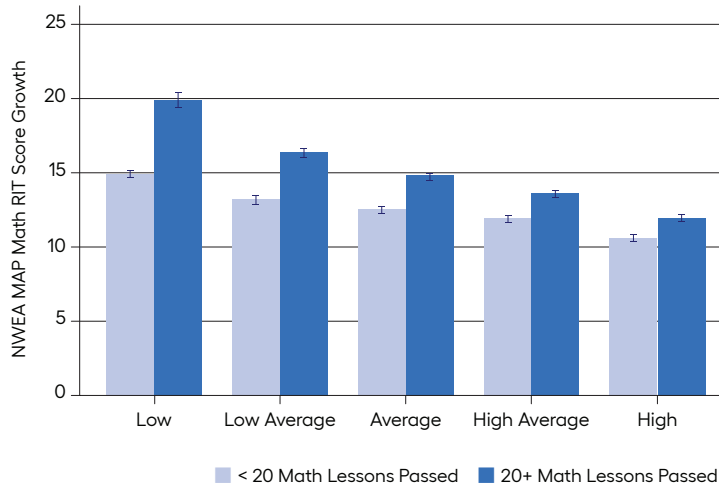
Figure 3: Average NWEA MAP Growth Reading RIT Score Growth by Fall Performance and Imagine MyPath Program Usage



Note: NWEA describes performance as “low” if a RIT score is lower than the 21st percentile, “low average” if a RIT score falls within the 21st-40th percentile, “average” if a RIT score falls within the 41st-60th percentile, “high average” if a RIT score falls within the 61st-80th percentile, and “high” if a RIT score is above the 81st percentile. Percentile cutoffs can be found: Thum, Y. M., & Kuhfeld, M. (2020). *NWEA 2020 MAP Growth Achievement Status and Growth Norms for Students and Schools*. NWEA Research Report. Portland, OR: NWEA. Retrieved from: <https://teach.mapnwea.org/impl/MAPGrowthNormativeDataOverview.pdf>



Figure 4: Average NWEA MAP Growth Math RIT Score Growth by Fall Performance and Imagine MyPath Program Usage



Based on this 2023–2024 analysis of Imagine MyPath program users, it is evident that the program significantly improves student learning outcomes in both reading and math. Specifically, results showed a direct, positive association between passing more reading and math lessons in the Imagine MyPath program and subsequent increases in NWEA MAP RIT score growth from fall to spring. Furthermore, positive gains were achieved by Imagine MyPath users regardless of their initial performance level. Ultimately, these results provide evidence that Imagine MyPath is an effective tool for improving student learning outcomes.