

National NWEA MAP Growth Reading Analysis 2021-2022

Imagine Language & Literacy is a digital supplementary tool designed to develop language and literacy achievement. It is utilized in over 2,000 school districts across the country. Data for students who used the Imagine Language & Literacy program and completed the NWEA MAP Growth reading assessment during the 2021-2022 school year were analyzed to determine the overall efficacy of the program. In total, data for 130,174 students in grades K-6 who completed the NWEA MAP Growth reading assessment in the fall and spring were analyzed.

Overall Average Increase in MAP Growth Score: 11.9

Figure 1. Average Increase in MAP Growth Reading RIT Score by Imagine Language & Literacy Lessons Passed

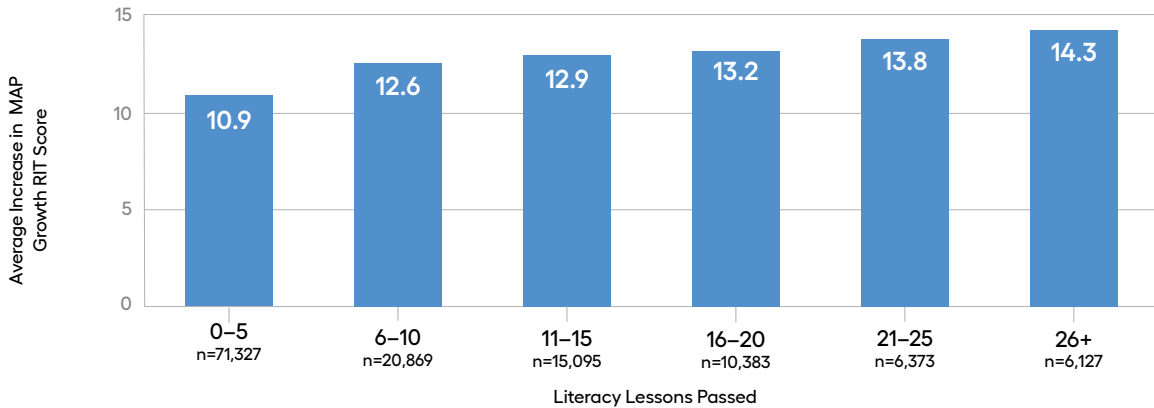


Figure 2 demonstrates the effect of using Imagine Language & Literacy on MAP Growth reading performance disaggregated by grade and by program usage. While growth was observed for all grades irrespective of usage levels, students who used the program with fidelity were more likely to enjoy greater gains on the MAP Growth reading assessment. Importantly, students who used the program with fidelity exceeded the levels of growth typically expected in a school year (Table 1).

Figure 2. Average Increase in MAP Growth Reading RIT Score by Grade and Literacy Lessons Passed

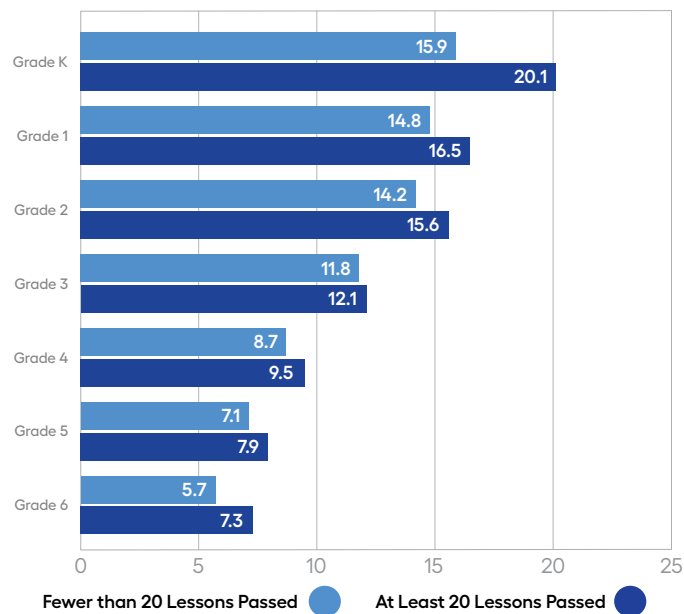
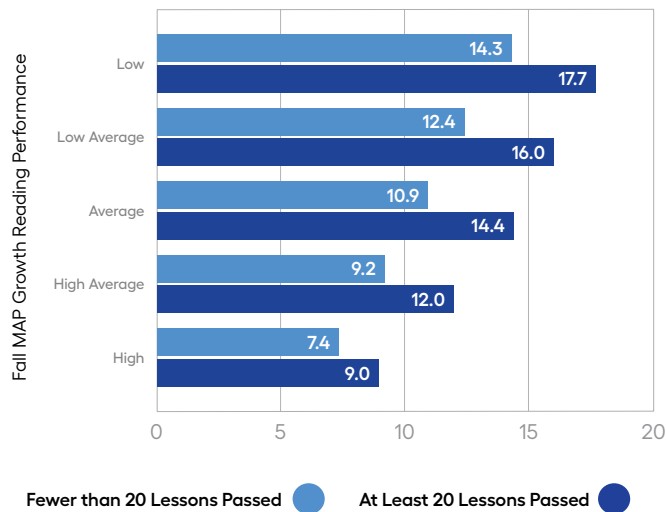


Table 1. Average Expected and Observed Increases in MAP Growth Reading RIT Score by Grade for Students Who Passed At Least 20 Literacy Lessons

Grade	N	MAP Growth Expected Increases Per Year	Imagine Language & Literacy Observed Increases Per Year
K	1,047	16.45	20.10
1	2,849	15.47	16.50
2	4,444	13.22	15.61
3	2,692	10.50	12.07
4	1,849	8.16	9.53
5	1,065	6.50	7.94
6	244	5.19	7.27

Note: Expected growth values retrieved from: 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 3. Average Increase in MAP Growth RIT Score by Fall Performance and Imagine Language & Literacy Usage



Note: NWEA describes performance as “low” if an 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 an RIT score falls within 61st-80th percentile, and “high” if an RIT score is above the 81st percentile. Percentile cutoffs were retrieved from: 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 3 demonstrates the effect of using Imagine Language & Literacy on MAP Growth reading performance disaggregated by fall performance on the MAP Growth reading assessment. While more substantial gains were realized for students who tested below average in the fall, positive gains were ultimately achieved by Imagine Language & Literacy users regardless of their performance level.