imagine Language & Literacy

imagine Math

Increased Use of Imagine Language & Literacy and Imagine Math Leads to Improved STAAR Scaled Score Growth for Grade 4-8 Students in Texas School District

Background

Imagine Language & Literacy is instructional software designed to build language and literacy skills among students in pre-k through sixth grade, and for English Language Learner (ELL) students in pre-K through eighth grade. To improve language and literacy achievement, Imagine Learning features instruction in phonemic awareness, phonics, vocabulary, fluency, comprehension, grammar, and language development (both academic and conversational). The program aligns with educational standards and addresses skills students need to become proficient in reading.

Imagine Math is a rigorous, standards-aligned math program that personalizes learning for each student. Students are immersed in a language-rich curriculum that uses data to scaffold concepts for each learner, ultimately leading to deep understanding of math concepts and college- and career-readiness. Because the system is adaptive, students learn in their zone of proximal development with the right degree of challenge.

Several thousand students in grades 4 through 8 in a large Texas school district used the Imagine Language & Literacy and Imagine Math programs during the 2018-2019 school year. To determine the impact of programs in helping students improve language, literacy, and mathematics achievement, we evaluated the association between the number of hours that students spent in the Imagine Language & Literacy and Imagine Math programs and the scaled score growth that they achieved between the 2018 and 2019 administrations of the STAAR Reading and STAAR Mathematics assessments. On average, students used the Imagine Math program for 6 hours and the Imagine Language & Literacy program for 22 hours.

Results

The figures below visualize the positive and statistically significant associations between the number of hours that students used the Imagine Language & Literacy and Imagine Math programs and the scaled score growth that they achieved between the 2018 and 2019 administrations of the STAAR Reading and STAAR Mathematics assessments. Ultimately, these results demonstrate the positive impact from using the Imagine Language & Literacy and Imagine Math programs. Further, increased use of the programs appears to translate to better academic outcomes.

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imagine learning

Figure 1. Association Between Imagine L&L Usage Level and STAAR Reading Scaled Score Growth.

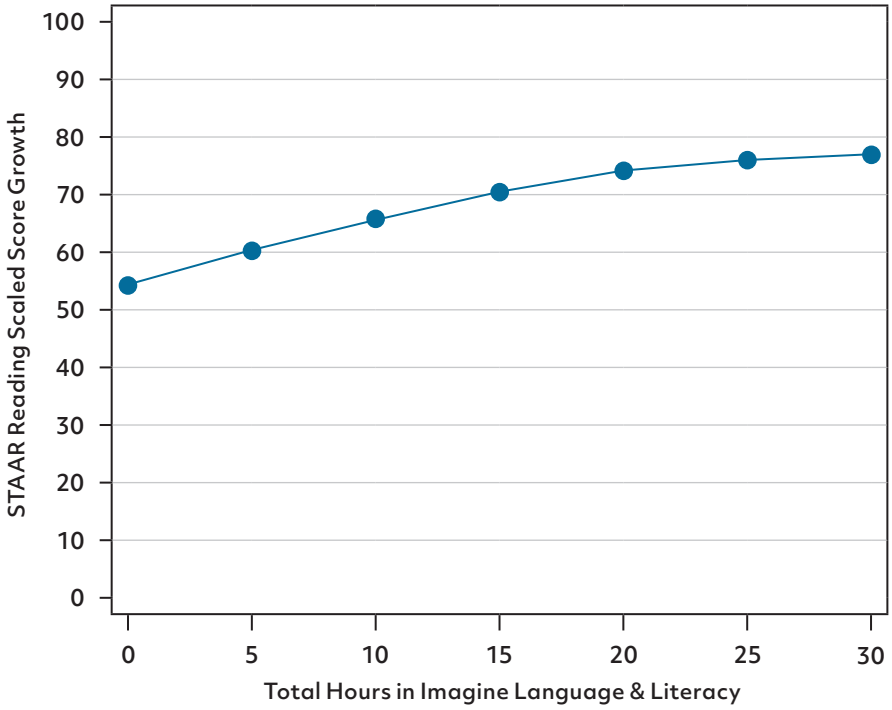

Figure 2. Association Between Imagine Math Usage Level and STAAR Mathematics Scaled Score Growth.