

Significant Literacy and Language Gains for K-5 Students in Connecticut 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.

Nearly 4,000 students in grades K through 5 in a Connecticut school district used the Imagine Language & Literacy program during the first semester of the 2019-2020 school year. To determine the impact of the program in improving language and literacy development, we evaluated the association between the number of lessons that students passed in the Imagine Language & Literacy program and the scaled score growth that they achieved between the Fall and Winter administrations of the I-Ready diagnostic assessment. On average, students used the Imagine Language & Literacy program for 24 hours.

Results

The figures below visualize the positive and statistically significant associations between the number of lessons that students passed in the Imagine Language & Literacy program and the Phonological Awareness, Phonics, High Frequency Words, Vocabulary, and Comprehension scaled score growth that they achieved between the Fall and Winter administrations of the I-Ready diagnostic assessment. Ultimately, these results demonstrate that increased utilization and engagement with the Imagine Language & Literacy program leads to improved academic outcomes in literacy and language development.

Figure 1. Association Between Imagine Language & Literacy Lessons Passed and I-Ready Diagnostic Assessment Subdomain Scaled Score Growth



