A Report from the LEAP Innovations Pilot Network

Impact of Lexia® Core5® Reading

Summary created by Lexia Research & Analytics (research@lexialearning.com)

Key Findings

The Lexia® Core5® Reading (Core5) program was chosen most often by Chicago schools as part of LEAP's Pilot Network.

Core5 usage had a significant positive impact on MAP (a reading progress monitoring assessment) performance for students in grades 3 – 5.

Purpose

LEAP launched the Pilot Network to provide Chicago schools an opportunity to pilot personalized learning supported by edtech innovations. In personalized learning, students are empowered to understand their own needs, strengths, interests and approaches to learning, and to take ownership of their learning. LEAP coaches offered professional development, onsite visits, and feedback to foster best practices in personalized learning. This summary highlights the LEAP report with special focus on findings that pertain to Core5.

Sample

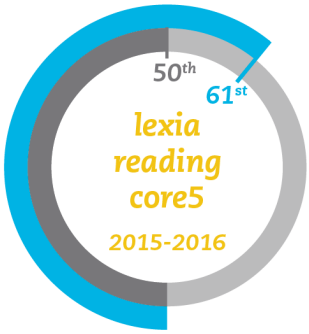
The LEAP Pilot Network, as described in the present report, included 14 Chicago schools allowed to select among 16 edtech reading and/or math programs to implement as part of personalized learning. School administrators were allowed to ask questions about product content, features and implementation strategies, and then chose the program that would best support their planned personalized learning practices. Core5 was one of only two reading programs chosen and was chosen most often by the schools. The LEAP report presents findings from 443 students who used Core5 in grades 3 – 5.

Program Usage

Students showed strong usage of Core5 over the school year. Close to 90% of classrooms met usage targets defined by schools for at least 16 weeks, and 72% of classrooms met usage targets for at least 24 weeks.

Program Impact

To investigate the impact of Core5, students using the program were compared to students in the same school district who did not use Core5. Analyses were based on test scores obtained from the MAP® Growth™ (MAP)[1] administered in the spring prior to and after Core5 use. LEAP researchers used propensity score matching to create a comparison group as similar as possible to the treatment group, controlling for student characteristics such as grade, gender, SES, EL status and MAP scores prior to Core5 use. The analysis showed that Core5 use resulted in a 2.57 point increase in MAP scores, which corresponds to a gain of 11 additional percentage points above a typical comparison student starting with the same score. The Figure below from the LEAP report displays the impact of Core5.



Conclusion

Findings from the LEAP report indicate that Core5 usage had a significant positive impact on MAP performance for students in grades 3 – 5. Following a promising initial year in the LEAP Pilot Network, in which Core5 usage resulted in a 5 percentage point gain above comparison students, Chicago schools chose to implement Core5 more often than any other reading program. In the present report, Core5 usage resulted in an 11 percentage point gain above comparison students. Overall, Core5 has shown clear benefits as part of the LEAP Pilot Network.

[1] At the time of administration, the MAP assessment was known as NWEA Measures of Academic Progress.