



Delaware City School District, Ohio



Lexia® Research

SAMPLE

ASSESSMENT
NWEA™ MAP®

PROGRAM
Lexia® Core5®
Reading

GRADES
K-4

PARTICIPANTS
N=1,868

SCHOOL YEAR
2016-2017

KEY FINDINGS

- ▶ Start and End Levels in Core5 were strongly correlated with fall and spring NWEA MAP RIT scores, respectively.
- ▶ Students showed significant growth in their NWEA MAP RIT scores from fall to spring.
- ▶ The majority of students with On Target Predictor scores in Core5 were Proficient on NWEA MAP in the spring.

RESULTS

CORRELATIONS

Correlations between Start Level in Lexia® Core5® Reading and fall scores on the Northwest Evaluation Association Measure of Academic Progress (NWEA™ MAP®) and between End Level in Core5 and spring scores on NWEA MAP were significant and fell in the medium to high range (Table 1).

ALIGNMENTS

All students, across all grades, showed significant growth in their NWEA MAP RIT scores. However, students who met usage fidelity in Core5 showed significantly greater growth from fall 2016 to spring 2017 in their NWEA MAP RIT scores compared to those students who did not meet usage fidelity (Figure 1).

PREDICTIONS

On Target Performance Predictor scores in Core5 can be used to forecast NWEA MAP proficiency at the end of the year. Most students (58% or more), with the exception of Kindergarten, who were On Target at the beginning or middle of the school year were proficient on NWEA MAP in spring 2017 (Table 2).

IF(11866)=6.10,p<.05.

TABLES AND FIGURES

Table 1. Correlations

Student Grade	Fall MAP RIT Score and Core5 Start Level	Spring MAP RIT Score and Core5 End Level
Kindergarten	.450*	.634*
Grade 1	.651*	.638*
Grade 2	.685*	.639*
Grade 3	.705*	.668*
Grade 4	.575*	.630*

*p < .001 Correlation Ranges: Low = .1 - .3, Medium = .4 - .6, High = .7 - .9. Sample size range: 328-421

Figure 1. Growth

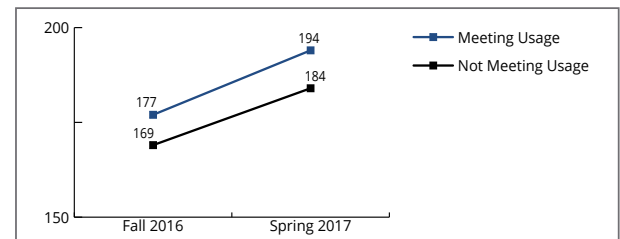


Table 2. Predictions

Student Grade	Percent of On-Target Students Who Were Proficient on NWEA MAP Spring 2017	
	Beginning of Year	Middle of Year
Kindergarten	34%	49%
Grade 1	64%	58%
Grade 2	75%	63%
Grade 3	80%	76%
Grade 4	64%	61%

Sample size range: 118-256

Data compiled and analyzed by the Lexia® Research Team (research@lexialearning.com)

See how Core5 is making a difference.

Learn more or contact us: research@lexialearning.com

