

i-Ready Diagnostic Correlation



The following is an analysis of the implementation of Lexia® Core5® Reading during the 2022–2023 school year for students in grades 1–5 at three suburban public schools piloting the i-Ready Diagnostic. The analysis includes 676 students meeting usage, for whom Lexia® received EOY i-Ready Diagnostic scale scores (i-Ready scores).



School Year
2022–2023

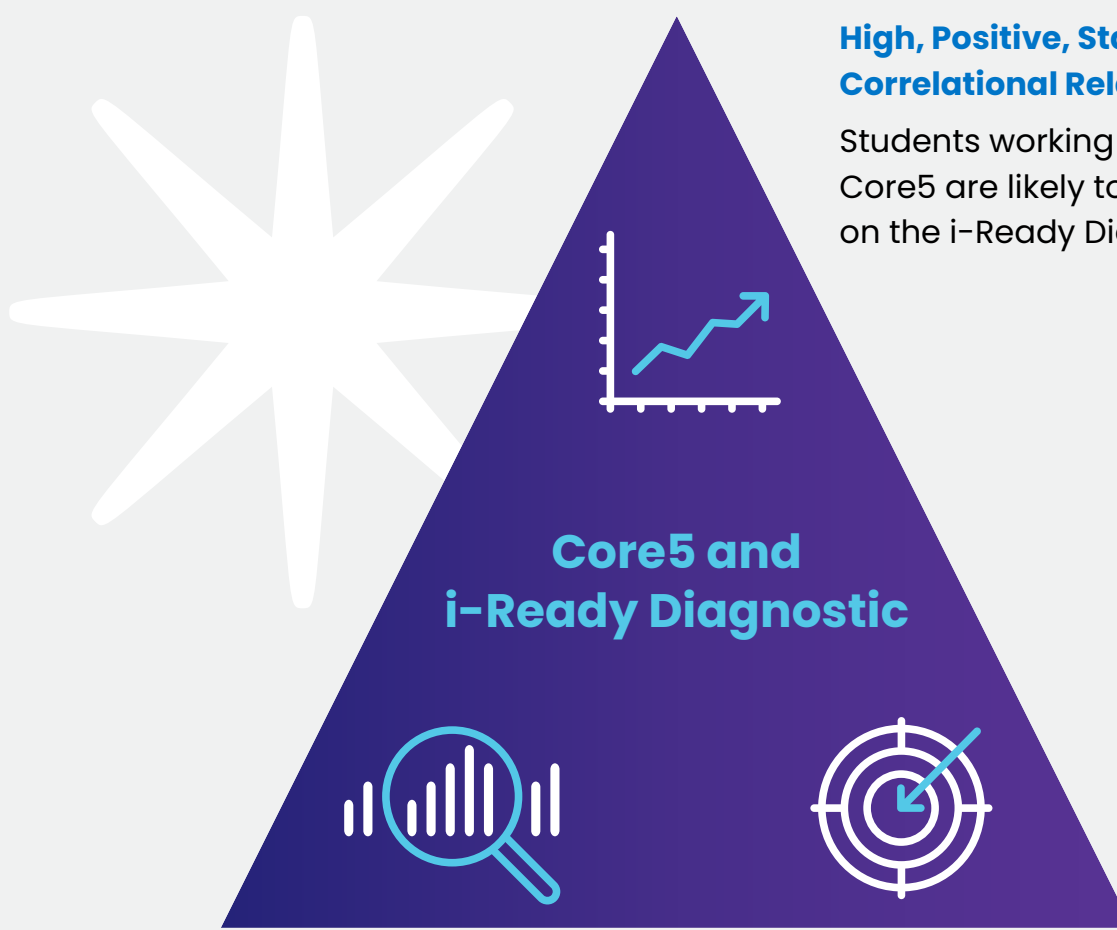


Grades
1–5



676 Meeting
Usage Students

Confirmation of the Strong Relationship Between Core5 and i-Ready Diagnostic



High, Positive, Statistically Significant Correlational Relationship

Students working on higher levels of Core5 are likely to have higher scores on the i-Ready Diagnostic.

Core5 Performance Predictors

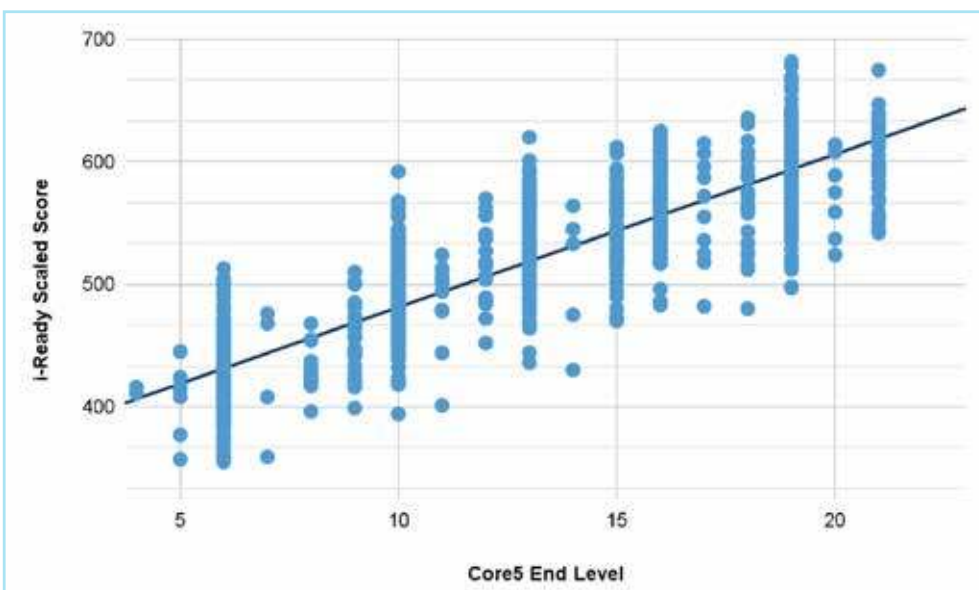
These can be used to forecast student performance on the i-Ready Diagnostic. The majority of students (92%) who were predicted in February to meet their EOY benchmarks in Core5 were also on or above grade level on the end-of-year i-Ready Diagnostic.

Strong Alignment

The majority of students (92%) who met their EOY grade-level benchmark in Core5 also placed on or above grade level on the end-of-year i-Ready Diagnostic.

Strong Positive Correlations Between Students' Core5 End Level and i-Ready Scaled Scores

Correlation analyses conducted to examine the relationship between students' EOY i-Ready scaled scores and Core5 end level for the 2022–2023 school year resulted in **high, positive, statistically significant correlations**.¹ Students who are working on higher levels of Core5 are likely to have higher scores on the i-Ready Diagnostic. The correlations range from .47* to .63*, indicating **strong relationships**.



Correlations Between Core5 End Level and i-Ready EOY Diagnostic Scaled Score		
	# of students	Pearson's r
Grade 1	170	.52*
Grade 2	130	.63*
Grade 3	168	.47*
Grade 4	159	.56*
Grade 5	49	.50*

**All correlations are statistically significant (p < .001). Correlations of .35 and above are considered strong when evaluating educational tools.*

¹ Cohen, J. (1988). Statistical power analysis for the behavioral sciences (2nd. ed.). Hillsdale, NJ: Erlbaum.

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If you have any questions or comments about this report, please contact us at research@lexialearning.com.