Small Elementary School in Suburban Arizona

SAMPLE

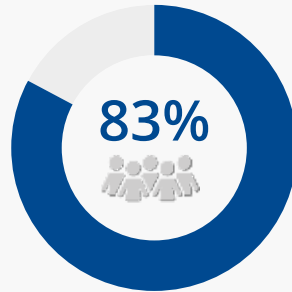**ASSESSMENT**
AzMERIT

PROGRAM
Core5

GRADES
4

PARTICIPANTS
N=57

SCHOOL YEAR
2017-2018

KEY FINDINGS

▶ 83% of students who reached their end-of-year, grade-level benchmark in Core5 also achieved Proficient or Highly Proficient levels on the AzMERIT.

83%

Met Core5 **and** AzMERIT Standards

RESULTS

CORRELATIONS

Correlations between students' End Level in Lexia® Core5® Reading (Core5) and the end-of-year Arizona's Measurement of Educational Readiness to Inform Teaching (AzMERIT) scale scores were significant and fell in the medium range for grade 4 (Table 1). Correlations in the medium range are considered strong when evaluating an educational assessment (or program).

ALIGNMENTS

There was an alignment between end-of-year, grade-level benchmark status in Core5 and performance on the AzMERIT. A majority of students (83%) who reached benchmark in Core5 by the end of the year also achieved Proficient or Highly Proficient levels on the AzMERIT (Table 2).

PREDICTIONS

On Target Performance Predictor scores in Core5 can be used to forecast performance on the AzMERIT. Most students (between 76% and 78%) who were On Target at the beginning or the middle of the year achieved Proficient or Highly Proficient levels according to the AzMERIT performance standards (Table 3).

TABLES

Table 1. Correlations

Student Grade	N	AzMERIT Scores and Core5 End Level
Grade 4	57	.49*

$p < .001$ Correlation Ranges: Low = .1 – .3, Medium = .4 – .6, High = .7 – .9

Table 2. Alignments

Core5 End-of-Year Benchmark Status	N	AzMERIT Performance Levels	
		Minimally Proficient or Partially Proficient	Proficient or Highly Proficient
Below Grade Level	7	86%	14%
In Grade Level	15	67%	33%
Met Benchmark	35	17%	83%

Table 3. Predictions

Student Grade	Percent of On Target Students Who Were at Proficient/Highly Proficient on AzMERIT	
	Beginning-of-Year	Middle-of-Year
Grade 4	76%	78%