

Reading Progress Indicator correlates positively with Florida Comprehensive Assessment Test

Implementation Objectives

Scientific Learning partnered with Bookette Software to develop a computer-based reading assessment. The assessment, Reading Progress Indicator, was designed to measure the benefits of using Fast ForWord products. In order to establish the validity of Reading Progress Indicator, Scientific Learning conducted a study designed to measure the correlation of Reading Progress Indicator to the Florida Comprehensive Assessment Test (FCAT).

Participants

One hundred twenty-three students from two schools in Florida participated in the study. Fifty-five students were assigned to the 7-10 level of the assessment, 59 students were assigned to the 4-6 level, and 9 students were assigned to the 2-3 level of the assessment.

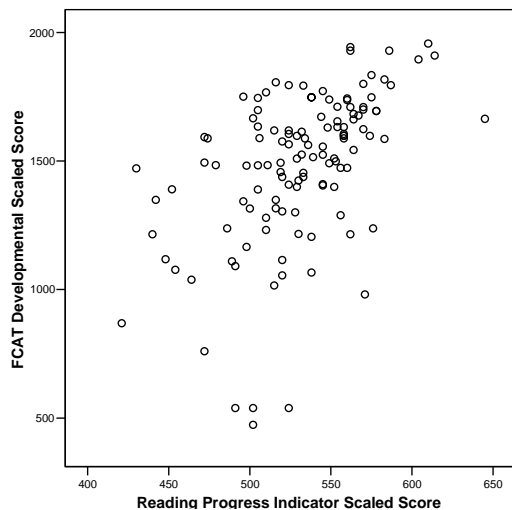
Methodology

Participants were randomly assigned to take either Form A or Form B of the appropriate grade level assessment. Reading Progress Indicator and the Florida Comprehensive Assessment Test were both administered in the spring of 2007.

Study Results

The reading portion of the Florida Comprehensive Assessment Test (FCAT) is designed to assess student achievement of the high-order cognitive skills represented in the Sunshine State Standards for Reading. It is a criterion-referenced test. Scores can be reported in various formats including Developmental Scaled Scores which track a students' progress across time and grade level.

Validity: Reading Progress Indicator



Reading Progress Indicator scaled scores are a continuous measure of students' performance across grade level. They are correlated positively with the developmental scaled scores on the FCAT. The correlation between Reading Progress Indicator scores and FCAT scores was 0.50 (shown at left). Results were significant at a p-value of less than 0.01

Conclusion

The results found in this study support other studies that demonstrate that Reading Progress Indicator correlates positively with a variety of clinical and state assessments.

These results support the overall validity of Reading Progress Indicator as an assessment tool.



Study Statistics

School year:
2006 – 2007

Number of Students:
123 students

Reading Progress Indicator Levels:
7-12
4-6
2-3

Assessment tools used:
Florida Comprehensive Assessment Test (FCAT)

Reading Progress Indicator

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