

Reading Progress Indicator correlates positively with Iowa Tests of Basic Skills

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 Iowa Tests of Basic Skills (ITBS).

Participants

Sixty second-grade students from a single school participated. All students were assigned to the 2-3 level of the assessment.

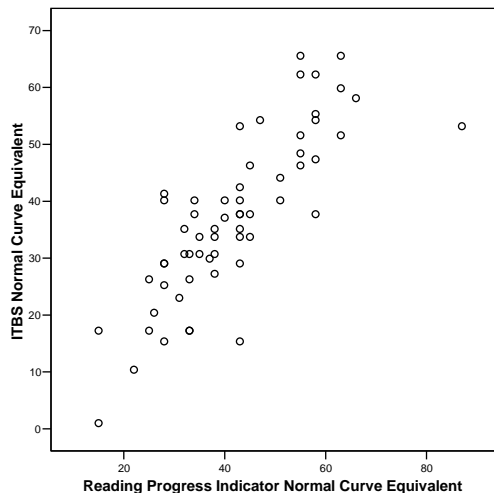
Methodology

Participants were randomly assigned to take either Form A or Form B of the appropriate grade level assessment. Students were evaluated with both Reading Progress Indicator and the Iowa Tests of Basic Skills (ITBS) in May, 2007.

Study Results

The ITBS are achievement tests designed to provide a comprehensive assessment of student progress in major content areas. The ITBS are standardized nationally with percentiles or normal curve equivalents available. Scores can be used to compare the performance of students tested locally with the performance of students tested in the national sample. The second graders were measured on reading vocabulary and comprehension of pictures, sentences and stories.

Validity: Reading Progress Indicator



Reading Progress Indicator normal curve equivalent scores correlated positively with the normal curve equivalent scores for the Vocabulary and Comprehension subtests of the ITBS, as well as the Total ITBS Reading test. The correlation between Reading Progress Indicator scores and Total ITBS scores was 0.80 (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 other clinical and state assessments.

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



Study Statistics

School year:
2006 – 2007

Number of Students:
60 students

Reading Progress Indicator Levels:
2-3

Assessment tools used:
Iowa Tests of Basic Skills (ITBS)

Reading Progress Indicator

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