

Reading Progress Indicator correlates positively with Gates-MacGinitie Reading Tests

Implementation Objectives

Scientific Learning partnered with Bookette Software to develop a computer-based reading assessment tool. The assessment, Reading Progress Indicator, was designed to measure the benefits of using Fast ForWord® products. In order to further establish the validity of Reading Progress Indicator, Scientific Learning conducted a study intended to measure the correlation of Reading Progress Indicator to the Gates-MacGinitie Reading Tests (GMRT).

Participants

Forty students from multiple high schools participated. All of the students were assigned to the 7-10 level of Reading Progress Indicator.

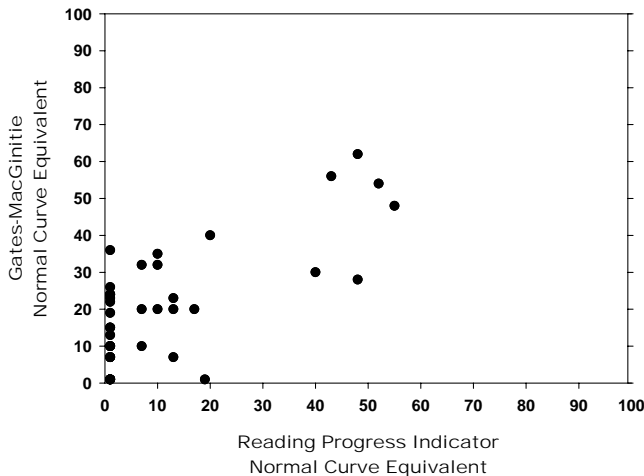
Methodology

In May, 2006, participants were randomly assigned to take either Form A or Form B of the 7 – 10 level of Reading Progress Indicator. Students were also evaluated with the Gates-MacGinitie Reading Tests.

Assessment Results

The Gates MacGinitie Reading Tests are used to assess a student's decoding, vocabulary, and passage comprehension skills. The assessment has two components, independently evaluating reading vocabulary and comprehension. In the Vocabulary subtest, the student must select the word or phrase that best matches the meaning of the test word or phrase. The Comprehension subtest measures a student's understanding of complex written material.

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 GMRT, as well as the Total score. The correlation between Reading Progress Indicator scores and Total GMRT scores was 0.72 (shown at left). Results were significant at a p-value of less than 0.01.

Conclusion

The results 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:
40 students

Reading Progress Indicator Levels:
7-10

Assessment tools used:
Gates-MacGinitie Reading Tests
Reading Progress Indicator