



# Exact Path Proven Strong Predictor of STAAR Performance

Research study results indicate high correlations between the Exact Path diagnostic assessment and the State of Texas Assessment of Academic Readiness (STAAR) tests.

A 2020 study provides evidence that Exact Path diagnostic assessments measure similar knowledge and skills compared to the State of Texas Assessment of Academic Readiness (STAAR) tests. These results support the use of Exact Path as a strong predictor of student performance on STAAR tests.

This research study examined the relationship between scores on spring Exact Path diagnostic assessments and scores on spring 2019 STAAR tests. Strong correlations were found between Exact Path diagnostic scores and STAAR scores across all grades 3-5 and subjects.

With this evidence, educators can confidently use Exact Path diagnostic results to help ensure that students are on track to meet academic standards and prepare students for STAAR assessments, helping them build the knowledge and skills needed to succeed on the state assessment.

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## About this District

### Study sample:

- 200+ students in both math and reading
- 100+ students in language arts
- Grades 3-5

### Edmentum Measure:

- Exact Path diagnostics: math, reading, and language art
- Spring administration

### Outcome measure:

- State of Texas Assessment of Academic Readiness (STAAR) Tests

## Correlation Coefficients Between Spring 2019 STAAR Scores and 2019 Exact Path Diagnostic Scores\*



\*n=200+ for both math and reading  
n=100+ for language arts

### Exact Path Scores Predict Texas STAAR Test Success

Correlation coefficients of 0.50 and above represent a strong relationship (Cohen, Cohen, West, & Aiken, 2003). In this study, correlation coefficients above 0.70 were observed in all cases. Language arts data for grade 5 was not included as the number of test takers did not meet the minimum threshold for analysis.

