A 2020 study provides evidence that Exact Path diagnostic assessments measure similar knowledge and skills compared to the Pennsylvania System of School Assessment (PSSA). These results support the use of Exact Path as a strong predictor of student performance on the PSSA.

This research study examined the relationship between scores on Exact Path diagnostic assessments across spring and fall testing windows and scores on the spring 2019 PSSA. Strong correlations were found between Exact Path diagnostic scores and PSSA scores across all grades 3-8 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 the PSSA, helping them build the knowledge and skills needed to succeed on the state assessment.

Educators can confidently use Exact Path diagnostic results to help ensure that students are on track to meet academic standards and prepare students for Pennsylvania’s PSSA tests.

About this District

Study sample:
- 3,300+ students in both math and reading
- 550+ students in language arts
- Grades 3-8

Edmentum Measure:
- Exact Path diagnostics: math, reading, and language arts
- Fall and spring administrations

Outcome measure:
- Pennsylvania System of School Assessment (PSSA)
Correlation Coefficients Between Spring 2019 PSSA Scores and 2019 Exact Path Diagnostic Scores*

<table>
<thead>
<tr>
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<th>Mathematics</th>
<th>Reading</th>
<th>Language Arts</th>
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<tbody>
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<td>Spring</td>
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*\(n=3300+\) for both math and reading
\(n=550+\) for language arts

Exact Path Scores Predict Pennsylvania PSSA 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 nearly all cases. When the number of test takers did not meet the minimum threshold for analysis, correlations were not provided.