

A photograph of a teacher and three students in a classroom. The teacher is leaning over, looking at a tablet held by a young girl. Two other students, a boy and another girl, are also looking at tablets. The image has a purple tint.

# Exact Path Proven Early Predictor of AASA Performance

Research study results indicate high correlations between the Exact Path diagnostic assessment and Arizona's Academic Standards Assessment (AASA).

A 2023 study provides evidence that Exact Path diagnostic assessments measure similar knowledge and skills compared to the AASA. These results support the use of Exact Path as a strong predictor of performance and as an early indicator of student achievement on the AASA.

This research study examined the relationship between scores on Exact Path diagnostic assessments across testing windows (fall, winter, and spring) and scores on the spring 2022 AASA. Strong correlations were found between Exact Path diagnostic scores and AASA scores across all grades 3-8, subjects, and seasons. High correlations were also found between Exact Path spring scores in grade 2 and AASA scores in grade 3.

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 AASA.



## About this District

### Study sample:

- 3,000+ students per subject area
- Grades 2-8
- 84% Hispanic

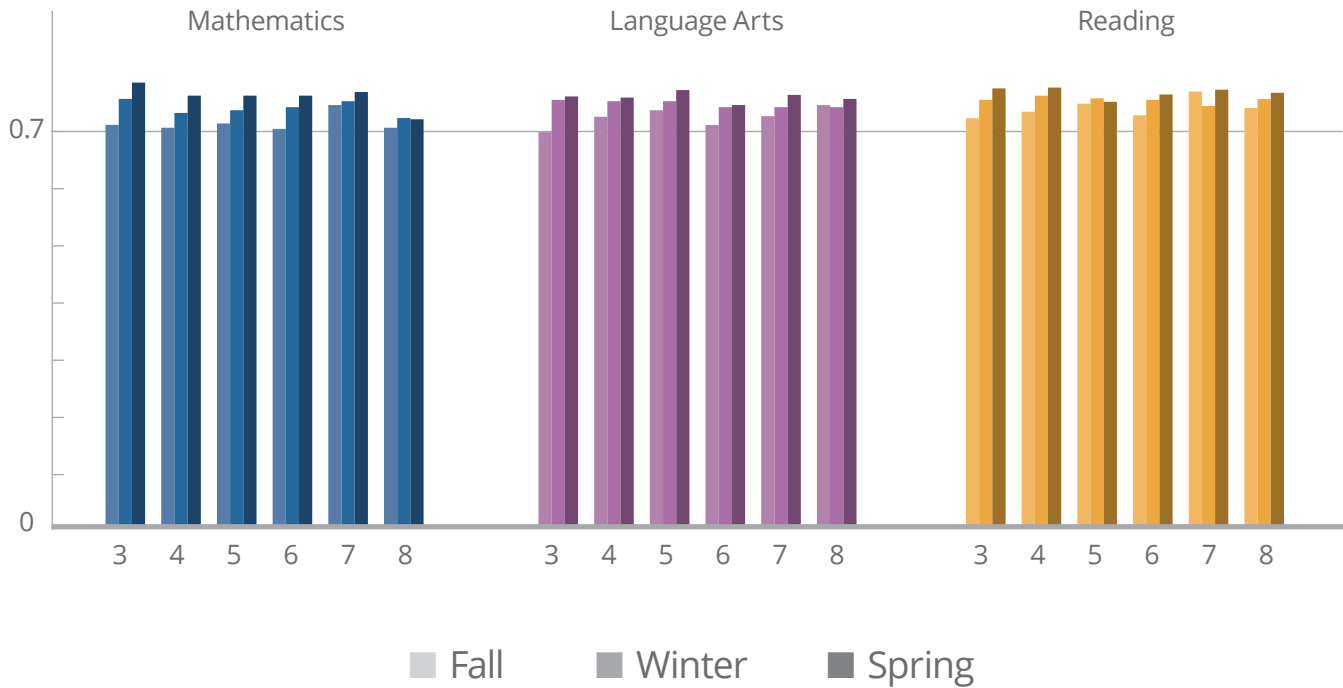
### Edmentum Measure:

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

### Outcome measure:

- Arizona's Academic Standards Assessment (AASA)

## Correlation Coefficients Between Spring 2022 AASA Scores and 2021-22 Exact Path Diagnostic Scores\*



\*n=3000+ for math, reading, and language arts

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.

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 AASA, helping them build the knowledge and skills needed to succeed on the state assessment.



**Exact Path Scores Predict  
AASA Success**