

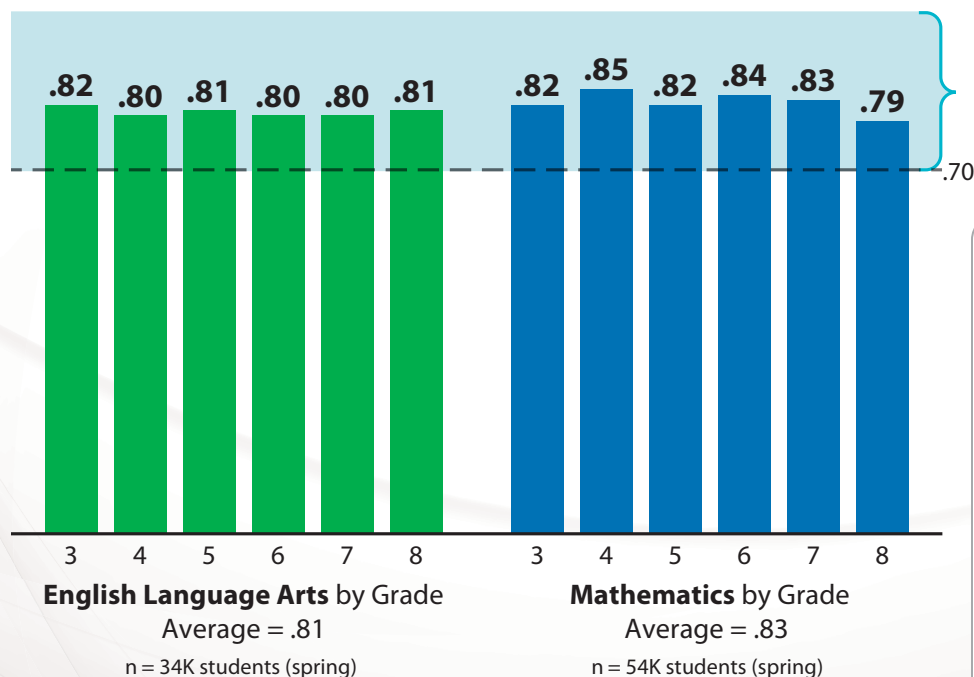
# *i-Ready Diagnostic*: Correlation Study with Tennessee Comprehensive Assessment Program (TCAP)

Curriculum Associates conducted a large-scale study on the relationship between *i-Ready Diagnostic* and the 2021 TCAP. The research found a high correlation between *i-Ready Diagnostic* and TCAP.

## Correlation between *i-Ready Diagnostic* and TCAP

Curriculum Associates collected data from approximately 63,000 students across 12 districts in Tennessee. These districts were selected for participation in the study specifically to be representative of the state in terms of factors such as urbanicity, race/ethnicity, and socioeconomic status (using National School Lunch Program as a proxy). The research study found a strong correlation between *i-Ready Diagnostic* scores and scores on the TCAP administered during the 2020–2021 school year.

**Correlations between the Spring *i-Ready Diagnostic* and the 2021 TCAP**



Assessment correlations above .70 are considered to be strong in education research. *i-Ready Diagnostic* exceeded this benchmark in both subjects and across all grades.

### Why Correlations Matter

Correlations are one of the most commonly used and widely accepted forms of validity evidence. Correlations demonstrate that when students score high on one assessment, they also tend to score high on the other, and similarly, when students score low on one assessment, they also tend to score low on the other. A high correlation between two assessments provides evidence that the two assessments are measuring related constructs.

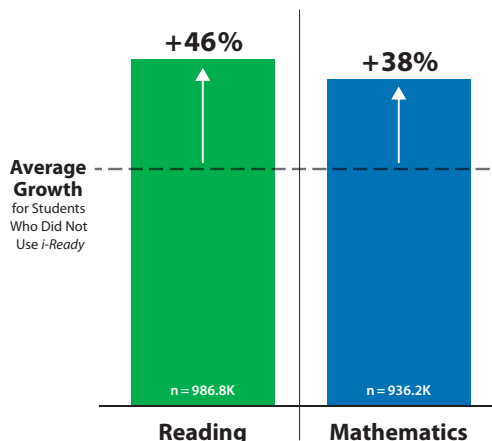
# Students using *i-Ready Personalized Instruction* experience remarkable gains.

The Curriculum Associates Research team analyzed data from more than one million students who took the *i-Ready Diagnostic* in the 2017–2018 school year. This large-scale study provides additional support that *i-Ready* is a well-researched program that meets the criteria for “evidence based” as outlined by the Every Student Succeeds Act (ESSA).

## Students achieve greater growth with *i-Ready*.

Students using *i-Ready Personalized Instruction* for an average of 45 minutes or more per subject per week for at least 18 weeks showed statistically significantly greater growth than the average student who did not use *i-Ready Personalized Instruction* during the 2017–2018 school year.

**Score Gains for Students Using *i-Ready* Relative to Students Not Using *i-Ready*, Grades K–8**

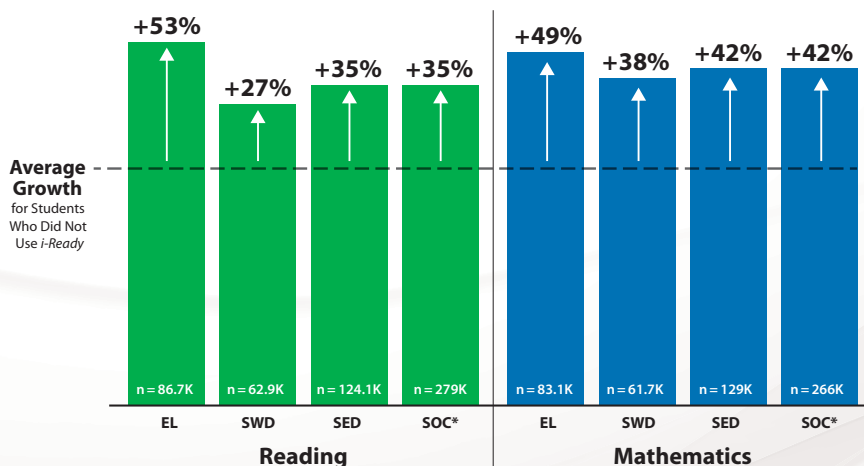


**i-Ready Personalized Instruction Users with an Average of 45 Minutes or More per Week**

## *i-Ready* accelerates growth for student groups.

Students who are English Learners (EL), students with disabilities (SWD), students with socioeconomic disadvantages (SED), and students of color (SOC)\* using *i-Ready Personalized Instruction* all saw statistically significantly greater growth than students from the same subgroups who did not have access to the program during the 2017–2018 school year.

**Score Gains for Student Groups Using *i-Ready* Relative to Student Groups Not Using *i-Ready*, Grades K–8**



**i-Ready Personalized Instruction Users with an Average of 45 Minutes or More per Week**

**EL = English Learners SWD = Students with Disabilities**

**SED = Students with Socioeconomic Disadvantages SOC = Students of Color\***

\*Students of Color included students who identified as one or more of the following race(s): American Indian or Alaskan, Asian American, Black or African American, Native Hawaiian or Pacific Islander, and Other. Students who identified as having an ethnicity of Latino could also be included in the Students of Color group, as well as in the group of students who identified as White (not reported here).

**Learn More:** Contact your local Curriculum Associates representative, or call Customer Service at (800) 225-0248.