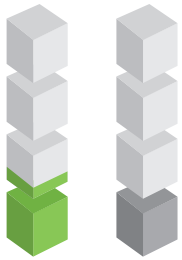
STEM Action Center Math Grants • 2015-2016 SAGE Assessment Outcomes

Utah students using digital learning programs at the recommended level had greater odds of meeting proficiency on the state assessment than similar students without access.

ALEKS

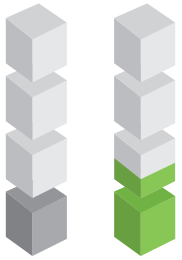
students were 1.2x more likely to score proficient on the state test.



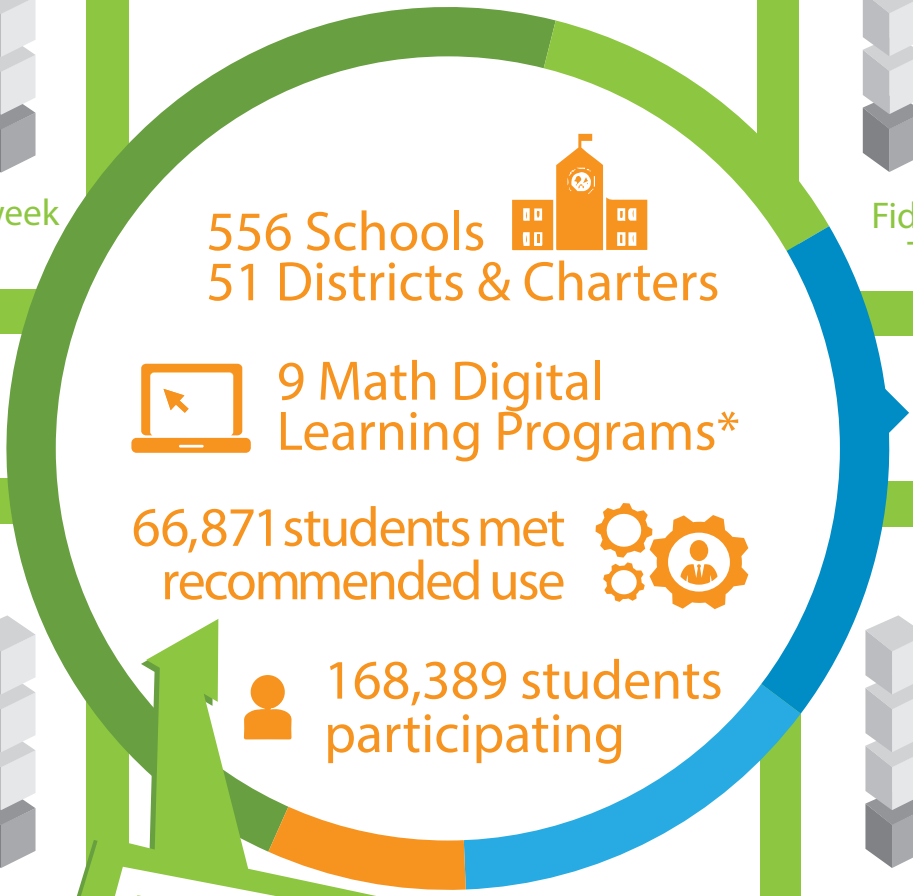
Sample: 16,268
Grades: 3-12
Fidelity: 1 hour or 5 topics/ week
Total Licenses Used: 79,585

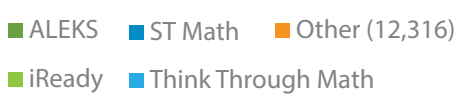
ST Math

students were 1.5x more likely to score proficient on the state test.



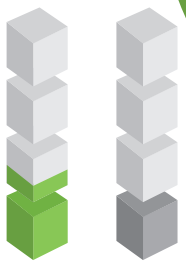
Sample: 1,199
Grades: K-12
Fidelity: 60-90 minutes/ week
Total Licenses Used: 31,414





iReady

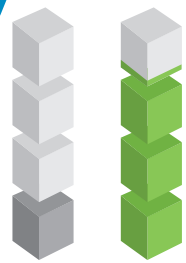
students were 1.3x more likely to score proficient on the state test.



Sample: 947
Grades: K-8
Fidelity: 45 minutes/ week
Total Licenses Used: 21,333

Think Through Math

students were 3.1x more likely to score proficient on the state test.



Sample: 1,893
Grades: 3-8
Fidelity: 15+ lessons/ year
Total Licenses Used: 23,741

*Of the 9 digital learning programs used in 2015-16, contracts were only renewed in 2016-17 with the 4 products highlighted in this report. Programs assess students' understanding of math and provide personalized content, adaptively targeting knowledge gaps and providing immediate feedback. These supplemental programs also allow teachers to track the needs, understanding, and progress of each student. Gains were statistically significant for three of the four products. For more information, contact cames@utah.gov.