

Idaho Students using Imagine Math Scored Higher on ISAT than Non-Users

OVERVIEW

During the 2021–2022 academic year, Snake River School District in Idaho used Imagine Math with 636 students in Grades 4–8. On average, those students used Imagine Math for 13.3 hours and passed 13.6 lessons. Imagine Learning collected and analyzed Spring 2021 and Spring 2022 Idaho Standards Achievement Test (ISAT) mathematics results. Analyses examined how using Imagine Math impacted student ISAT mathematics achievement.

RESULTS

Comparing users and non-users of Imagine Math, Imagine Learning found that students who used the program scored higher on the 2022 ISAT math assessment than those who did not. This difference was statistically significant (p -value < 0.05, see Figure 1). Furthermore, a statistically significant and positive relationship was observed for students classified as special education between their hours spent on the program and their change in ISAT Quantile Measure from 2021 to 2022 (p -value < 0.05, see Figure 2). Taken together, these findings demonstrate the impact of Imagine Math usage on students' math achievement as measured by the ISAT and further demonstrate evidence of the academic impact of Imagine Math for special education students.

Table 1. Snake River School District, ID

Demographics	Non-User (N=348)	User (N=636)
Female	46%	48%
Hispanic	4%	11%
White	93%	87%
Special Education	1%	11%
English Language Learner	0%	0%

Figure 1. Average ISAT 2022 Quantile Measure and Scale Score Performance for Imagine Math Users and Non-Users.

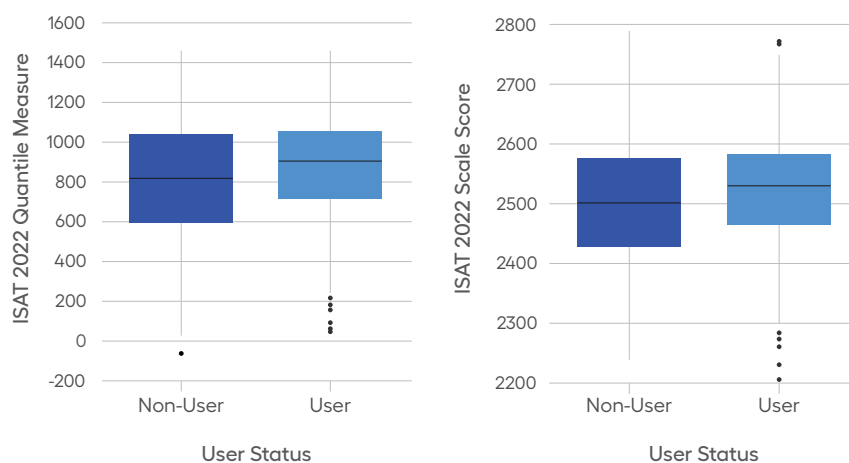


Figure 2. ISAT Quantile Measure Change from 2021 to 2022 by Hours for Special Education Status.

