

Increased Math Proficiency in CCSD 59 with Imagine Learning Illustrative Mathematics

Overview

During the 2021–2022 and 2022–2023 academic years, Community Consolidated School District 59 (CCSD 59) in Illinois implemented Imagine Learning Illustrative Mathematics with students in Grades K–8. To measure changes in math proficiency, Imagine Learning longitudinally analyzed Illinois Assessment of Readiness (IAR) performance before and after the implementation of the curriculum.

Results

Findings show that, after implementing Imagine Learning Illustrative Mathematics, Grade 3–8 students demonstrated gains in mathematics proficiency as measured by the summative IAR assessment. Specifically, overall math proficiency has increased each year between the 2020–2021 school year when the curriculum had not yet been implemented, and the 2022–2023 school year when the curriculum had been implemented in all classrooms (Figure 1). Importantly, proficiency rates in Grades 3–7 have also surpassed pre-COVID 19 levels. Finally, between the 2021 and 2023 administrations of the IAR assessment, CCSD 59 experienced a greater increase in students achieving math proficiency than what was observed across the state (Figure 2). These findings demonstrate the positive impact that Imagine Learning Illustrative Mathematics can have on student proficiency in mathematics.

CCSD 59, Illinois

Demographics	Percent
White (Non-Hispanic)	61%
Black or African American	13%
Hispanic or Latino	27%
Asian	11%
Two or More Races	4%
Income Below Poverty	11%
English Only at Home	42%

Figure 1. Percent of Grade 3–8 Students in CCSD 59 Achieving Math Proficiency by School Year

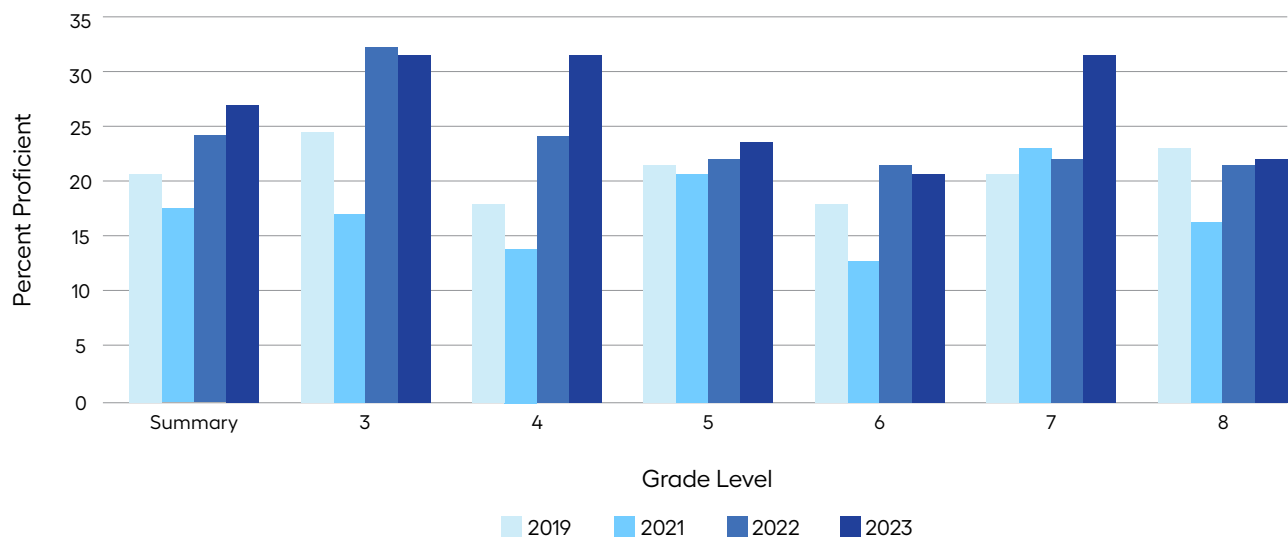


Figure 2. Change in Percent of Grade 3–8 Students in CCSD 59 and in Illinois Achieving Math Proficiency between 2021 and 2023.

