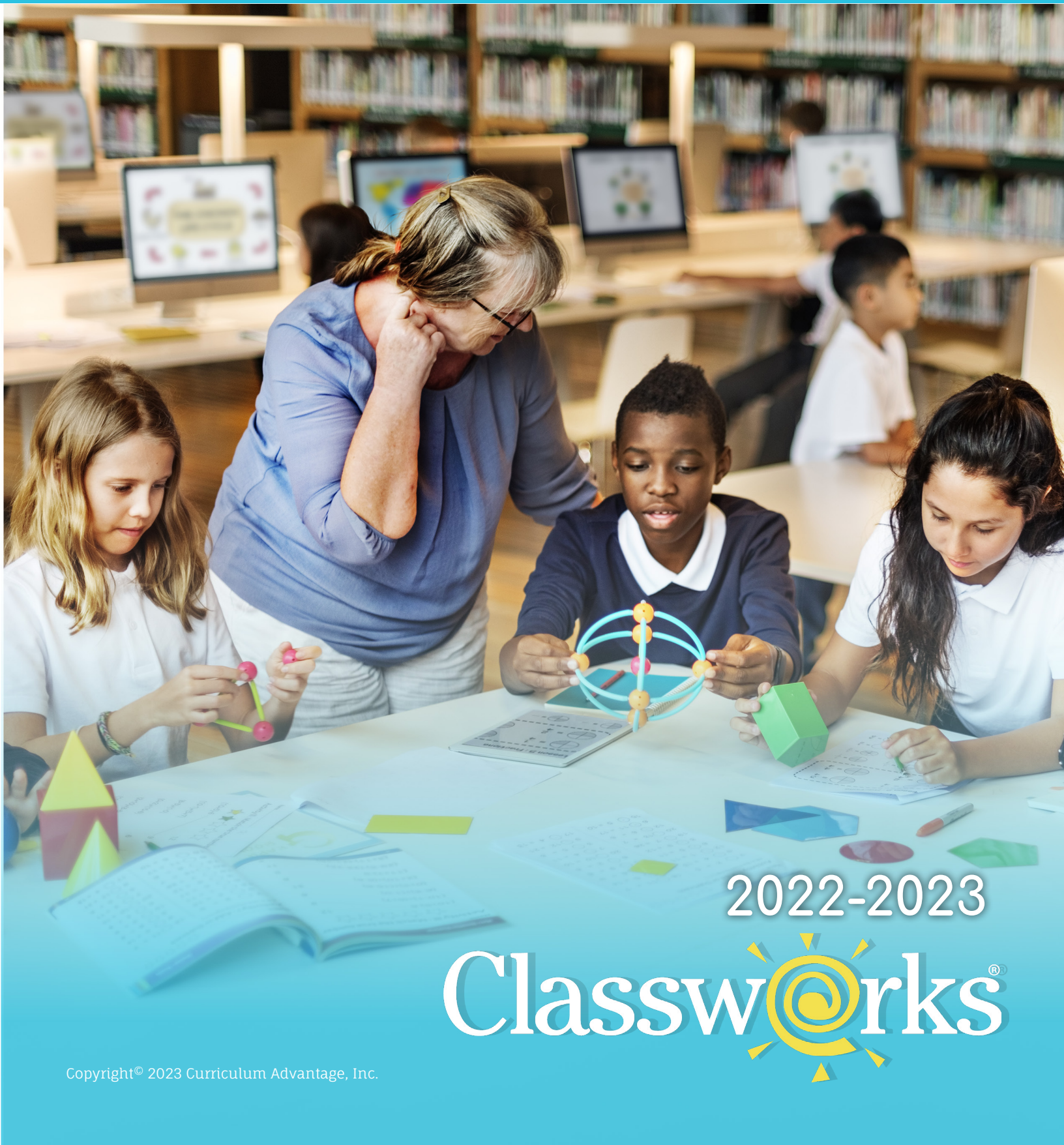


Classworks Impacts Math in Grades 1-8



2022-2023

Classw@rks®

Introduction

According to research published by [The National Center for Education Statistics \(NCES\)](#) analyzing long-term trends in math assessment scores, the average math score declined 14 points in the last decade. *NAEP* results indicate that the sharpest decline of 9 points occurred in 2020.

Districts are not only addressing the steep declines in academic achievement, many are doing so while also facing a teacher shortage. Many districts are left wondering how to effectively deliver the needed support without taxing teachers. Evidence-based solutions like Classworks have proven to impact student growth.

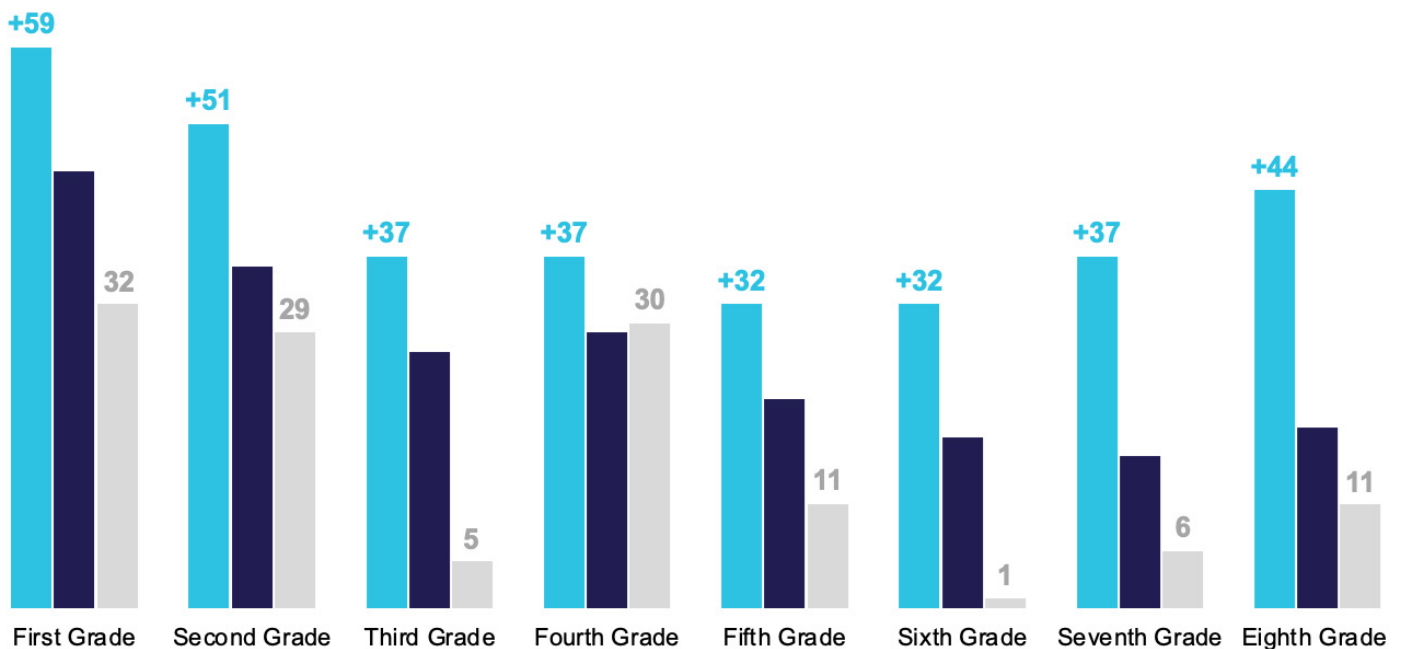
The Classworks Impact

After closing the 2023 spring testing window, an analysis was conducted to measure the impact of Classworks on students' math assessment scores. The analysis concluded that Classworks Individualized Learning math instruction impacts student growth. Students who participate in an Individualized Learning Plan (ILP Users) in Classworks gain more growth during the school year than those who do not participate in Classworks. Furthermore, students who participated in their Classworks ILP with fidelity experienced even greater growth.

Since 2003, millions of students have used Classworks to close learning gaps, keep pace, and grow! Classworks is a comprehensive MTSS and Special Education solution that includes academic screeners, math and reading individualized interventions, progress monitoring, social-emotional and behavioral resources, and powerful reports and data visualizations.

Math Growth Fall to Spring 2022-2023

Fall to Spring Growth on Math Assessments 2022-2023
Grades 1-8



Classworks **Power ILP Users** achieved more growth on the Classworks Math Universal Screener compared to their **ILP User** and **Non-ILP User** peers during the 2022-2023 school year.

Students who used Classworks math Individualized Learning instruction with fidelity¹ experienced higher math achievement across all grades 1-8 than students who had some participation. Students in grades 1-8 who participated in their ILP with fidelity gained even more growth than their peers who did not participate in their ILP during the 2022-2023 school year.

First graders experienced the greatest impact, with 59 growth points from fall to spring, followed by second graders with 51 growth points. The growth was rounded out in middle school, with eighth graders earning 44 more growth points on their spring assessments.

1. Power ILP Users are users who used Individualized Learning with fidelity, and who accomplished an average unit score of 75% or higher, completed two units or more a week over 30 weeks, and spent at least 30 minutes a week over 30 weeks on their Individualized Learning Path.

Altogether, first through eighth-grade ILP Users earned an average of 11 points higher on the Math Screener compared with their Non-ILP User peers, while ILP Users with fidelity earned an average of 25 points higher than their Non-ILP User peers.

Primary grade ILP Users with fidelity gained an average of 24 more growth points in math achievement compared to their Non-ILP User peers. Following Classworks Individualized Learning usage recommendations with fidelity had the most significant impact on first-grade Power ILP Users, resulting in a gain of 27 growth points compared to Non-ILP Users.

Elementary grade ILP Users with fidelity gained an average of 20 more growth points in math achievement compared to their Non-ILP User peers. Third-grade Power ILP Users that followed Classworks Individualized Learning usage recommendations with fidelity gained 32 growth points compared to Non-ILP Users.

Classworks Works

Data from the National Assessment of Educational Progress uncovers how math scores are the lowest in decades. In contrast, students who participated in Classworks math saw tremendous growth on their spring assessments.

About This Impact Study

This 2022-2023 Classworks Achievement Impact Study evaluated math performance data from 23,146 students across 47 school districts nationwide.

About Classworks

Classworks leverages technology and evidence-based learning practices to transform how school districts support students' academic, social-emotional, and behavioral needs. The comprehensive MTSS and Special Education solution includes academic screeners, math and reading individualized interventions, progress monitoring, social-emotional and behavioral resources, and powerful data visualizations. Classworks assessments and progress monitoring probes are validated by the National Center of Intensive Intervention (NCII), and Classworks is endorsed by the Council of Administrators of Special Education (CASE).



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