Schoolytics

Measuring Efficacy

2023 Edtech Landscape



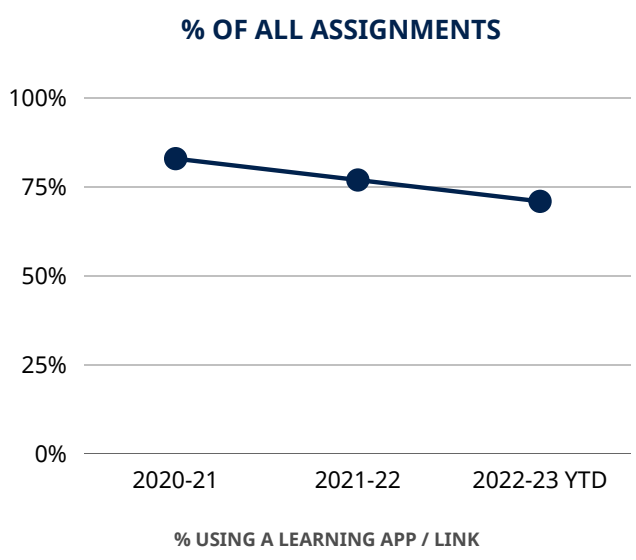
The number of edtech learning tools and devices used in classrooms has grown rapidly since 2019. Most analyses of edtech efficacy rely on student login data but cannot measure the student outcomes produced by the usage of different tools.

Using our unique data, we took a detailed look at teachers' usage of learning applications and student outcomes. Keep reading for a fresh take on the question of which apps are the most impactful for students.

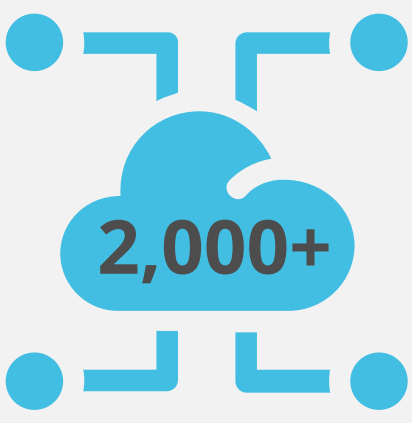
1

USAGE OF LEARNING APPS HAS STABILIZED AFTER COVID

Around three-fourths of assignments use at least one external link or learning app. This proportion has come down from the 2020-21 school year when reliance on apps was especially high during remote learning.[1]



NUMBER OF LINKS & LEARNING APPS LINKED IN ASSIGNMENTS



2

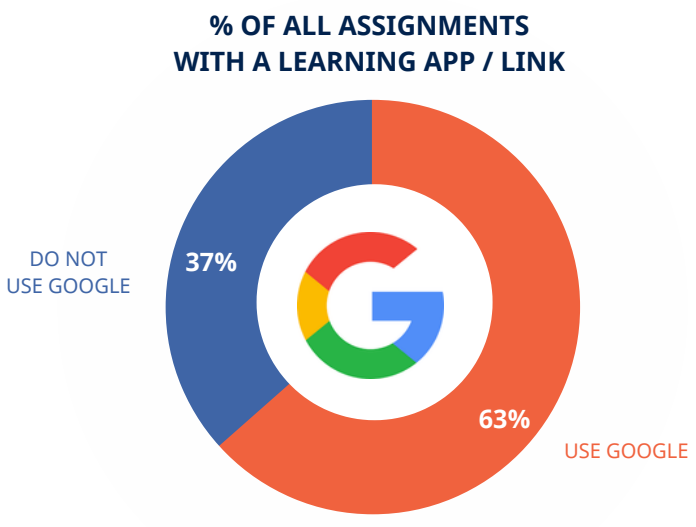
TEACHERS AND STUDENTS USE MANY TOOLS

Teachers and students have used **over 2,000** learning apps across more than 13 million assignments over the last three years.[1,2]

3

GOOGLE CLEARLY DOMINATES EDTECH USAGE

Between Google Drive, Google Docs, Youtube, Google Meet, and Google Forms, **over 60%** of assignments use a Google product. Google Drive is by far the most used tool for assignments.[1,3]

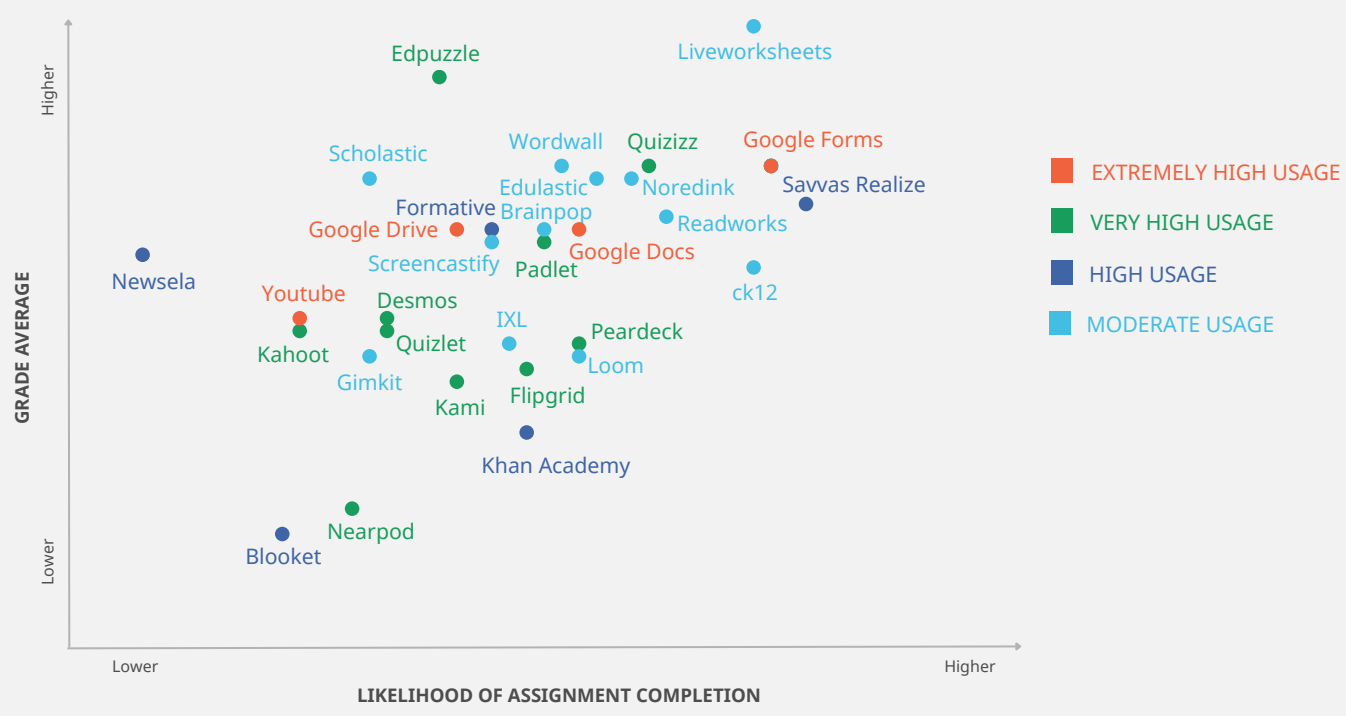


4

THE MOST POPULAR APPS ARE NOT ALWAYS THE MOST EFFECTIVE

Aside from Google, Edpuzzle and Quizizz are very popular with about **20%** of all students having been assigned work on those platforms.[4] But high usage is not the only thing that matters. In fact, the most popular apps are not always the ones that generate the most student engagement. Along two dimensions—grade average on assignments and percent of assignments completed—some important differences emerge. Savvas Realize, Google Forms, and Liveworksheets are clear frontrunners, while Nearpod, Blooket, and Newsela assignments are either not completed often and/or tend to have low grades.[1,3]

STUDENT ENGAGEMENT BY LEARNING APP



Our analysis shows that teachers and students use an exceptionally long list of learning applications, which brings additional security and data privacy risks that deserve careful consideration. With so many tools and the accompanying investments, it's important for education leaders to investigate whether these apps are truly benefitting students. Our deep analysis of learning management system (LMS) data goes beyond student logins and offers a unique way to measure the value of learning applications in use in classrooms today.

Schoolytics helps educators save time, get insights, and communicate with students and families at scale via a platform powered by real-time, integrated data. Administrators looking to understand teacher and student edtech usage beyond login information can use our learning apps analytics dashboards.

Want to learn more? **Drop us a line here.**

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Sources & footnotes:

1. Internal Schoolytics data.
2. App domains with fewer than 25 assignments (< 1% of all assignments) are excluded from the analysis.
3. Note: Data from Google Classroom, which is often purchased with Workspace, may bias this analysis upwards.
4. As a pass-through application that students use mainly for single sign-on, Clever is notably absent.