A Wealth of Education Applications for Chromebooks

Moving toward the digital district

> " Use of Google Apps for Education™ is growing like wildfire: In 2010, Google said there were 10 million users; that number has since tripled.
>
> – Betsy Corcoran
> EdSurge Newsletter,
> June 30, 2014

Chromebook™ adoption in schools continues to grow at an impressive pace, with these devices accounting for nearly one-third of all mobile digital-device sales to US schools in the first half of 2014.[1] This growth gives districts and schools new opportunities to expand the reach of their IT infrastructure, all while preserving critical technology dollars, delivering the best in cloud-powered learning alongside an ever-growing list of engaging applications and resources.

In addition to essential tools such as Google Docs and Google Slides, schools can now select from hundreds of apps in discounted Chrome App Packs specifically designed for elementary, middle, and high schools, including many popular Android apps adapted to work on Chrome OS™.

These new resources are easy to locate and leverage. Teachers simply select their desired apps, organized by category and grade level, many with lesson plans included. Students access pre-installed apps and use them to create and collaborate; they can even turn in their homework via Google Drive™.

Publishing for digital learners

Wixie is a subscription-based popular elementary-age application that lets students blend images with text and voice recordings to foster creativity, critical thinking, and communication skills. It allows teachers to plan, implement, track, and assess student work, with hundreds of activities correlated to standards and all student work stored in the cloud. Wixie works in any operating system environment, allowing teachers to focus on the curriculum, not the technology.

Popular flashcards and learning tools

Used by over a million students and teachers around the world every day, **Quizlet** provides 13 million free study sets in 18 languages. Study tools come in a variety of formats, including flashcards, study, vocal mode, and game modules to better suit individual learning styles and increase engagement. Students and teachers can also create their own study sets, starting with terms and definitions and adding images and copy, to support memorization, key concept recall, and practice at all grade levels, from math to Spanish to biology.

Source

1. Herold, Benjamin. "Chromebooks Gaining Popularity in School Districts." *Education Week*. Editorial Projects in Education, 11 Nov. 2014, Web. 17 Dec. 2014.

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Fun and accurate touch-typing

TypingClub provides simple lessons, fun gameplay, and intuitive skill progression to help students progress through 100 levels of keyboarding difficulty, from the alphabet through numbers and symbols, with instant feedback and assessments at each level, all for free. Younger students are rewarded with gold-star ratings, while older students like the statistical feedback, including words per minute and accuracy by finger and key. The TypingClub School Edition lets teachers keep track of student progress and customize and create new lesson plans.

Dynamic math for conceptual understanding

GeoGebra, a free interactive math app for middle and high schools, connects geometry, algebra, spreadsheets, graphing, statistics, and calculus in one visual, tangible package. As students interact with mathematical concepts, they deepen their conceptual understanding and become more motivated and successful. In addition, the global GeoGebra community supports dynamic STEM education and teaching and learning innovations around the world.

Personalized support for the STEM curriculum

An exciting product line for Chromebook STEM classes comes from **CK-12 Foundation.** These free high-quality math and science apps personalize learning and avoid the cost of quickly outdated print textbooks. Rich content aligned to Common Core standards includes customizable digital textbooks called Flexbooks®, with over 5,000 STEM concepts across all grade levels available as video, practice, assessment, and real-world applications for individual or collaborative work.

Understanding anatomy in 3D

The **BioDigital Human** is a free 3D anatomy app with thousands of interactive simulations. Teachers can inspire interest in health and medicine and create interactive curriculum content to support active learning. Students can select and dissect objects, add and remove layers, share models in interactive 3D, take and annotate screenshots, and participate in custom quizzes. Hands-on learning lets students participate in a fun, social, and game-based learning environment.

> " This highly effective tool helps students of all skill levels improve their keyboarding skills through guided lessons and engaging assessments.
>
> – Jeff Knutson
> high school English teacher and senior editor of education reviews, Common Sense Education

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Organized digital learning

Evernote is a popular tool that lets teachers and students organize text and voice notes, pictures and documents, and information captured from the web. Students can bookmark and maintain electronic portfolios, archive research notes, tag and search information, scan in handwritten notes, and even share and collaborate with other classmates and teachers. They also have the ability to create schedules and add assignments, plus all notebooks automatically sync to the cloud, so teachers can easily add lesson plans or access student work for parent/teacher conferences.

Teacher dashboard for Google apps

Used in 35 countries, the **Hapara** dashboard lets teachers control student Chromebooks remotely, see student screens in real time, push URLs out to one or all students, and post messages to the class. A quick link in teachers' Chrome browser, Hapara provides a better way to manage Google documents, work with students on assignments, view student work by class or by student, and collaborate with other Google users, including parents.

As the world's leading provider of education technology, Lenovo® believes that excellent IT and digital learning resources can transform the work of building tomorrow one student at a time. Our ThinkPad® 11e Chromebook and ThinkPad Yoga™ 11e Chromebooks, backed by dedicated education experts, help teachers and students get to work quickly, with more learning and less waiting, so that they can deliver on the promise of a responsible, reliable digital learning ecosystem.

To learn more about Lenovo products for education and Chromebook applications, please visit: www.lenovo.com/education or contact a rep at eduteam@lenovo.com.

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