

# Discover the Rich Capabilities of Chrome Apps for Education

## PUSH THE LIMITS OF LEARNING

Chromebooks are making digital learning easy and affordable to build and deliver, thanks to an easy-to-manage back-end and an ever-expanding collection of education apps and resources.

More school districts are turning to the ease of use and flexibility that the Chrome OS™ provides. This means more classrooms are connected to applications and resources designed especially for effective and engaging digital learning. Here's just a small sample of the cutting-edge apps available for modern classrooms.

### LANGUAGE ARTS DEVELOPMENT

Reading and language-focused Chrome apps help teachers design creative ways to inspire a natural love of the written word and stories.

- [Kids A-Z](#) (Grades K-5) engages elementary learners with eBooks and eQuizzes for the 400+ titles on Raz-Kids to assess understanding and mastery of the content. With a fun interface, hundreds of ebooks, and over 27 levels of difficulty, kids will have the tools they need to become consistent, confident readers.
- [Newsela](#) (Grades 3-12) nurtures students' reading proficiency and current events understanding. Every day, the app publishes news stories at five different reading levels so that students of all ages are able to sharpen their language skill set. Students have the ability to practice techniques like highlighting and annotation, and each article comes with a quiz to test comprehension.
- [Duolingo](#) (Grades 6-12) assists students learning a new language through simple lessons and tracks their progress with milestone achievements. Grade school pupils are able to effectively work on pronunciation, learn grammar rules, and practice translation within an easy-to-understand interface.
- [Story Wars](#) (Grades 6-12) encourages students to develop creative writing through collaborative brainstorming and ideation. Story Wars end-users can submit drafts and outlines as story ideas that could be further developed. This creates a large pool of original ideas that students can select from to flesh out a completed tale from start to finish.

In 2015  
**4.4M**  
 Chromebooks  
 were included  
 in 8.9M devices  
 sold to K-12  
 classrooms.

Source: [CNBC](#)

## STEM-FOCUSED INSTRUCTION

A wealth of Chrome apps are available to help prepare students for the demands of a technology-based, global economy where science and math comprehension is critical.

- [Prodigy Math Game](#) (Grades K-8) spurs younger students to discover over 1,000 math skills. After an automatic in-game assessment to place grade level, students can play against each other or individually and earn prizes as they go. Perfect for an in-class activity or to assign as online homework.
- [Geoboard](#) (Grades 3-8) gives elementary and middle school students a tool for exploring a variety of mathematical topics pertinent to their age group. Open-ended and intuitive, learners stretch virtual digital bands around pegs to form line segments and polygons, making discoveries about perimeter, area, angles, congruence, fractions, and other mid-level concepts.
- [3D Solar System](#) (Grades 3-8) absorbs learners in our vast solar system. A 3D interface gives curious students the power to explore and experience the planets, their speeds, textures, distances from the sun, and more.
- [Pre-Algebra](#) (Grades 6-12) serves as a comprehensive resource for middle and high school students to learn basic algebra concepts. The visual and interactive platform includes practice pages, hints, and step-by-step instructions to master topics from basic equations to fractions and exponents.
- [Desmos](#) (Grades 6-12) helps improve students' math literacy with creative analysis of high-level mathematical fundamentals such as parabolas and derivatives. Students learn to plot functions, create tables, add sliders, animate graphs, and more with ease, cultivating critical thinking in the process.
- [Human 3.0](#) (Grades 9-12) readies students with an interest in health and medicine with a hands-on, game-based approach. Students can select and dissect objects, add and remove layers, share models in interactive 3D, take and annotate screenshots, and participate in custom quizzes.
- [Chem Reference](#) (Grades 9-12) breathes digital life into the periodic table of the elements. The app makes it fully searchable and hyperlinks to supplementary information resources such as WolframAlpha and Wikipedia.

## TRUSTED EDUCATION LEADERSHIP

Lenovo helps school districts leverage the breakthrough capabilities of the Chrome OS. Our education-tailored technology and expertise helps decision-makers innovate and invest with confidence, creating sustainable digital leadership.

## MANAGING THE DIGITAL CLASSROOM

Managing the digital classroom demands new tools and skills. Luckily, there are many Chrome apps designed to address the daily challenges of tech-driven instruction.

- [Google Classroom](#) (Grades K-12) integrates Google Docs™, Google Drive™, and Gmail™, allowing instructors to digitally create and organize assignments and provide real-time feedback within the platform. Students can stay organized with assignment folders automatically created in Google Drive.
- [Socrative Teacher](#) (Grades K-12) allows teachers to quickly create quizzes and foster engaging discussions with custom open-ended or multiple-choice questionnaires. Socrative immediately grades and aggregates the data, as well as creates visual results for student and teacher analysis. Additionally, these instantly available results can be seamlessly imported into Google Drive.
- [myHomework Student Planner](#) (Grades K-12) helps students organize their digital coursework. Users can track classes, homework, tests, and other assignments by utilizing a calendar display and reminders. The platform supports multiple school schedules, including time, block, and period-based options. The applications cross-device capabilities also keep students on track in the classroom and on the go.
- [EDpuzzle](#) (Grades K-12) enables instructors to craft relevant, engaging video content for their classrooms. Teachers can take any video and easily crop only the parts they need, and then record their voice over the desired footage. Teachers can even insert quizzes throughout their custom videos to instantly gauge student comprehension.

To learn more about Lenovo products for education and Google Chrome OS, please visit [www.lenovo.com/education](http://www.lenovo.com/education) or contact [eduteam@lenovo.com](mailto:eduteam@lenovo.com) for more details. Follow Lenovo Education on:



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<sup>1</sup> CNBC (2015, Dec.) "Google's Chromebooks Make Up Half of U.S. Classroom Devices Sold." [Web](#).

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