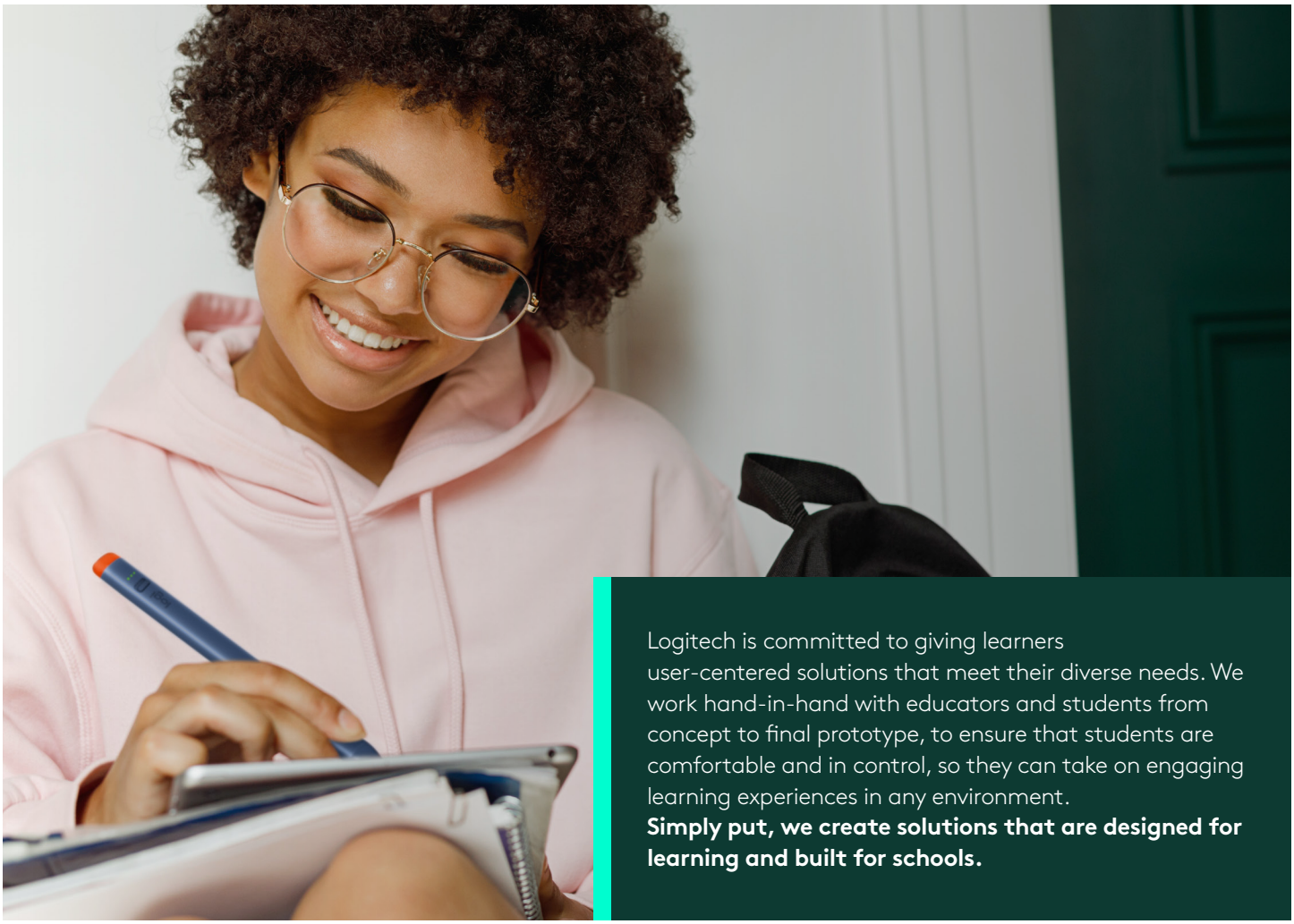

logitech
Designed For Learning,
Built for Schools
Logitech Crayon



Logitech is committed to giving learners user-centered solutions that meet their diverse needs. We work hand-in-hand with educators and students from concept to final prototype, to ensure that students are comfortable and in control, so they can take on engaging learning experiences in any environment.
Simply put, we create solutions that are designed for learning and built for schools.

Logitech Crayon is a versatile, pixel-precise digital pencil for iPad® that lets students write, draw, take notes, navigate their devices, and express their creativity quickly and accurately. It's built with Apple Pencil technology, so it works with countless learning apps, but it doesn't require pairing — students and educators can just pick it up, turn it on, and go.

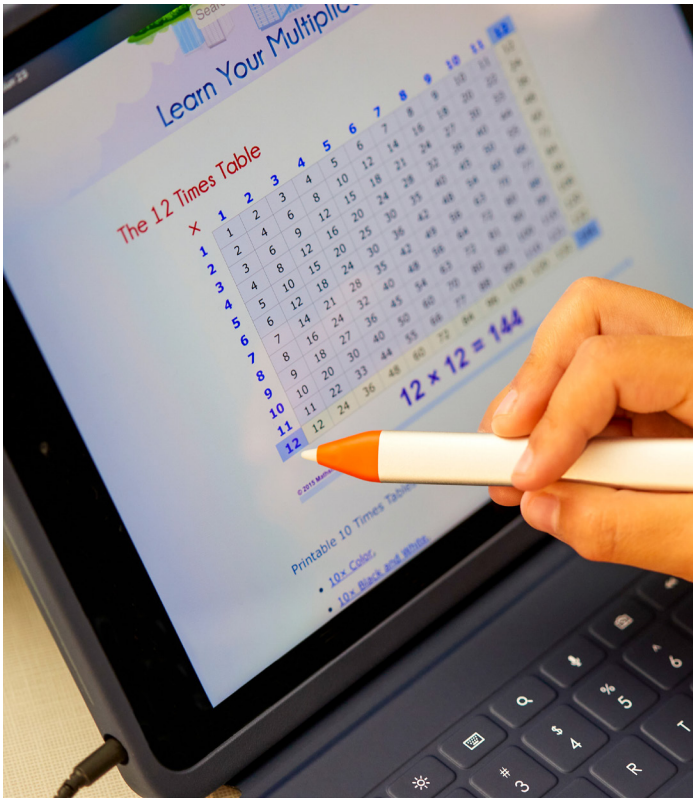
Crayon is tested to withstand drops up to four feet, and the replaceable tip is designed to stay inside so it doesn't get unscrewed, lost, or chewed on by fidgety learners. When you factor in its rapid recharge capability, the flattened shape that keeps it from rolling off desks, and a charge port that takes the same cord as iPad, Crayon becomes an ultra-convenient tool for students and educators who want to spend less time finding IT support and more time engaged in learning.

Like all Logitech education solutions, Crayon started with curiosity about classroom dynamics and learner needs. The outcome is a writing tool grounded in research and full of innovations from one end of its sleek design to the other. From grip length to palm-rejection technology, every feature of Logitech Crayon has been chosen with care, so that students can learn, collaborate, and create with ease.

Handwriting and Annotation

Long before the digital revolution brought tablets into the classroom, handwriting and learning had a close relationship. As our knowledge of learning processes has grown, this connection has become clearer. For example, a study by educators at Princeton University and the University of California showed that the act of writing by hand may increase memory, retention, and understanding compared to typing notes on a laptop.[1] Other research suggests that being able to write clearly at the start of a study gives students greater benefits from digital learning apps.[2] Now, there are more than 10 million iPads in schools around the world, and it's more important than ever to reinforce the writing skills that help students learn best.

Following Logitech's design philosophy that schools get the most out of technology solutions if they are effortless and user-centered, Logitech Crayon was designed based on student activities — like artistic expression and drag-and-drop tasks — that greatly benefit from the precision of a stylus compared to their fingers on the screen.[3]



Accuracy

The accuracy that comes from good control is a major priority in a writing instrument. It requires having a tool that suits different hand sizes and writing styles. In school, students have to perform a wide variety of writing tasks, and legibility can vary from one to the next depending on what is required.[4] Logitech Crayon takes these factors into account with a smart tip designed with greater sensitivity for more control. The smart tip dynamically adjusts line weight, allowing you to easily go from thick to thin lines with a tilt of a tip — just like a regular pencil. With zero perceptible lag time and precision down to the pixel, writing with Crayon feels natural, seamless, and accurate.

Since younger learners are still developing their motor skills, we made Crayon's grip longer for more tip precision and to enable the way that younger students, including those with adaptive needs, tend to grip a stylus.[5] Having any iPad® stylus at all has been shown to help students with learning disabilities write more clearly, and Crayon's user-centered grip design is intended to add to that benefit.[6]

Comfort

With any education tool, comfort makes a huge difference in how immersed students can be during lessons. 74% of educators say students' level of physical comfort while using edtech affects their level of engagement.[7] Comfort is more than a bonus — it's an essential priority, since the advantages of digital methods over non-digital methods may only show up when students are comfortable.[8] The palm rejection technology built into Logitech Crayon allows for natural hand placement on students' screens — for both righties and lefties — so they can stop focusing on their hands and show their thinking clearly and easily. With greater comfort, students can learn for longer periods and stay immersed in their assignments.

Creativity

Research shows that digital technologies can help students build their creativity, especially in interactive environments.[9] Because Crayon allows students to look at and tackle any subject in many ways, it nurtures creative expression and collaboration. With this one tool, students can draw out a math equation, edit a partner's short story, make notes about a science experiment they're watching, or find resources for learning a new language in the hundreds of apps available. When combined with other peripherals like the durable Logitech Rugged Combo Keyboard Cases, Crayon gets even better, creating opportunities for all kinds of creative learning outside the classroom.

Logitech Crayon is designed to empower learners with features that enhance their comfort, control, and creativity across subjects.

From marking up PDFs to sketching diagrams, Crayon adds dynamic new ways to interact with iPad, making countless tasks easier and more fun. Logitech knows that with technology, students' unique needs and preferences have to stay at the center of the design process, so that they're ready for the future of learning and equipped to express their full potential.

To learn more about Logitech's suite of education solutions, go to

https://www.logitech.com/education.html

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[4] Fogel Y, Rosenblum S, Barnett AL. (2022). Handwriting legibility across different writing tasks in school-aged children. Hong Kong Journal of Occupational Therapy. 35(1):44-51. doi:10.1177/15691861221075709
[5] Lin YC, Chao YL, Wu SK, Lin HH, Hsu CH, Hsu HM, Kuo LC. (Oct. 2017). Comprehension of handwriting development: Pen-grip kinetics in handwriting tasks and its relation to fine motor skills among school-age children. Aust Occup Ther J. 64(5):369-380. doi: 10.1111/1440-1630.12393. Epub 2017 May 16. PMID: 28512858.
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[8] Ahmet Yamaç, Ergün Öztürk, Neşet Mutlu. (2020). Effect of digital writing instruction with tablets on primary school students' writing performance and writing knowledge. Volume 157.
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