ENDLESS OS FOUNDATION

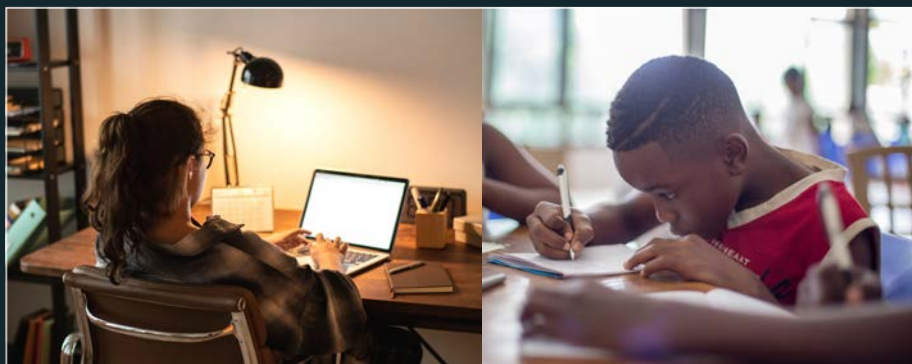# WELCOME TO THE ENDLESS KEY

Fall, 2021

Learning and discovery resources, with no internet required.

The Endless OS Foundation has partnered with Common Sense and Learning Equality to launch the distribution of Endless Keys in 2021. The Key is designed to help offline kids access great educational, learning, and discovery resources without an internet connection.

The Endless Key program is designed as a complement to the USA's broadband-for-all rollout, and offline students' distance learning challenges. Our belief is that much of the internet's educational resources and information can be brought to an offline learning environment for students.

Bringing online resources to an offline environment for kids.

The Endless Key is pre-loaded with learning resources that are typically only available online, inaccessible to students with no connectivity or unstable internet access.

With some engineering know-how and curation of the most adaptable online educational and discovery materials, information is brought into the Endless Key's offline USB environment. Once received, a student only needs to plug the Endless Key in the USB port of their offline Windows PC.

Great content to engage offline students this 2021–22 school year.

The Endless Key features leading learning materials such as TED-Ed, Blockly, Khan Academy, PhET, Sikana, and Ubongo through Learning Equality's Kolibri platform — without internet. The Key also contains the Kiwix reader which provides a searchable offline Wikipedia.

Designed as a supplemental learning and curiosity-driven resource for students, content on the Key can also be explored by subject in self-guided learning, and with teacher or adult guidance on kids' offline or internet-enabled computers.

— WHY IS THE ENDLESS KEY PROJECT IMPORTANT? —

15–16 million K–12 students are struggling to adapt to remote learning and improve their access to education without secure, stable internet access. The Endless Key is one way we are attacking the digital divide for students, teachers, and families. The Key is a solution specially created for these students and families as an offline resource, while they await a broadband-for-all solution that could take up to a decade to arrive.

Arts & Crafts

Tips, tricks and fun learning videos on arts, crafts and do-it-yourself (DIY) projects. Learners of all ages can practice skills fro...

Khan Academy (English – US curriculum)

Khan Academy provides videos and exercises on math, physics, chemistry, biology, and history, aligned to the U.S. cu...
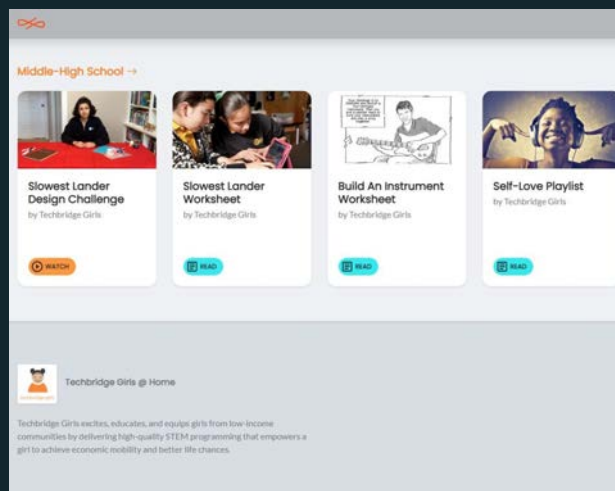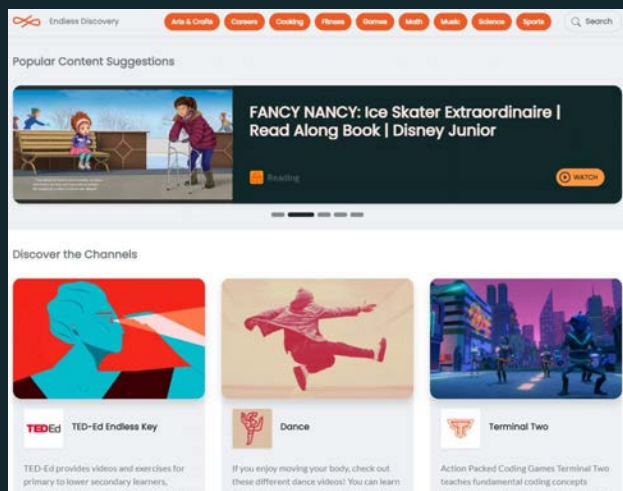
PBS Kids

PBS KIDS is committed to making a positive impact on the lives of children through curriculum-based entertainment. Credits:...

Resources and new partners on the 2021 Endless Key.

We are happy to announce some exciting new partners like TED-Ed, PBS Kids, San Francisco 49ers EDU, and Techbridge Girls contributing content to the offline Endless Key project. (Above and below: The Endless Key user interface and content discovery channels.)

Are you interested in engaging as a content and distribution partner in the Endless Key project? Please underline contact us to learn more.

About Endless OS Foundation: the whole world, empowered.

Founded in 2012, Endless became a nonprofit in April 2020. Our mission is to help people everywhere harness the power of personal computing. We are dedicated to solving the barriers that prevent equitable access to technology and educational resources.

Learn more at www.endlessos.org